

Supplementary Table 1. GISAID sequence headers (150,000-225,000) for each SARS-CoV-2 S amino acid sequence used in the frequency analysis.

>Spike|hCoV-19/Canada/ON-OICR-SLB2796/2020|2020-03-28|EPI_ISL_538328|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Germany/HH-hpi-p1336/2020|2020-03-24|EPI_ISL_775667|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/CVR3092/2020|2020-04-24|EPI_ISL_461668|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/NSW2206/2020|2020-03-21|EPI_ISL_500664|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/Wales/PHWC-47FCAA/2020|2020-10-08|EPI_ISL_612796|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR1792/2020|2020-04-06|EPI_ISL_438848|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20493/2020|2020-05-05|EPI_ISL_460031|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-9BDC50/2020|2020-09-09|EPI_ISL_568179|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10330/2020|2020-07-30|EPI_ISL_540497|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-5D210F/2020|2020-06-19|EPI_ISL_558544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-8-9/2020|2020-06-01|EPI_ISL_523118|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A6FA16/2020|2020-10-14|EPI_ISL_607799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9C82F6/2020|2020-09-11|EPI_ISL_567149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3425/2020|2020-06-11|EPI_ISL_544183|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/837/2020|2020-07-29|EPI_ISL_518001|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/MILK-9EF921/2020|2020-09-23|EPI_ISL_594958|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-1AF961/2020|2020-05-01|EPI_ISL_459277|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9554CB/2020|2020-06-12|EPI_ISL_553436|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C93130/2020|2020-12-17|EPI_ISL_762161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22050/2020|2020-09-21|EPI_ISL_583507|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/204742198/2020|2020-00-00|EPI_ISL_649909|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-8BA0A3/2020|2020-06-28|EPI_ISL_557122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E525/2020|2020-10-15|EPI_ISL_607896|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA14/2020|2020-06-17|EPI_ISL_508210|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/MI-MDHHS-SC22525/2020|2020-11-17|EPI_ISL_708228|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Russia/StPetersburg-RII7501S/2020|2020-04-20|EPI_ISL_450254|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Ireland/G-NVRL-MPW79025/2020|2020-05-20|EPI_ISL_767794|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Wales/PHWC-2F4D2/2020|2020-04-17|EPI_ISL_446258|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-95E459/2020|2020-08-10|EPI_ISL_534410|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10541D/2020|2020-03-29|EPI_ISL_461786|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/SHEF-CA1F0/2020|2020-03-30|EPI_ISL_432487|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NOTT-121952/2020|2020-12-23|EPI_ISL_764524|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19974/2020|2020-12-07|EPI_ISL_747901|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA4D1C/2020|2020-10-21|EPI_ISL_630901|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1654/2020|2020-09-08|EPI_ISL_605528|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-B1BB9D/2020|2020-11-01|EPI_ISL_645568|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB894/2020|2020-04-05|EPI_ISL_432868|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-B963A1/2020|2020-11-13|EPI_ISL_676156|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AE31A/2020|2020-00-00|EPI_ISL_448682|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/WA143/2020|2020-03-22|EPI_ISL_596706|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/WA-OHSU-1799/2020|2020-07-25|EPI_ISL_526108|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-852/2020|2020-05-11|EPI_ISL_614785|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC2018/2020|2020-05-15|EPI_ISL_480660|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-480B6D/2020|2020-10-11|EPI_ISL_612977|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iran/SA-Isf-11/2020|2020-05-10|EPI_ISL_582003|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjoo javanmard,S.|Iran

>Spike|hCoV-19/Canada/BC-BCCDC-6398/2020|2020-10-00|EPI_ISL_740554|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/QEUEH-B7FDEC/2020|2020-11-14|EPI_ISL_668363|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18237/2020|2020-09-08|EPI_ISL_784585|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MGH-00741/2020|2020-04-09|EPI_ISL_791739|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Spain/RI-IBV-99010936/2020|2020-06-19|EPI_ISL_732773|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B46917/2020|2020-11-07|EPI_ISL_656137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08FC4/2020|2020-10-29|EPI_ISL_672956|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8D2CE/2020|2020-11-13|EPI_ISL_674141|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-SURV0472/2020|2020-03-09|EPI_ISL_436068|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/LIVE-DC389B/2020|2020-11-22|EPI_ISL_702718|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0260/2020|2020-09-29|EPI_ISL_755408|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/CAMB-795F4/2020|2020-04-04|EPI_ISL_441102|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A92704/2020|2020-10-19|EPI_ISL_611036|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC18033/2020|2020-12-31|EPI_ISL_779641|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/India/GJ-GBRC284b/2020|2020-06-30|EPI_ISL_495022|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Canada/ON-PHL-0654/2020|2020-03-00|EPI_ISL_418370|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/Bosnia and Herzegovina/ChVir7402/2020|2020-04-22|EPI_ISL_462470|Original|hCoV-19^^Sarajevo|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina

>Spike|hCoV-19/Singapore/37/2020|2020-03-13|EPI_ISL_422430|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Russia/MOW-RII-MH2003S/2020|2020-06-19|EPI_ISL_596345|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUIH-9FF751/2020|2020-10-02|EPI_ISL_600226|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0189/2020|2020-05-18|EPI_ISL_698375|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-488/2020|2020-04-05|EPI_ISL_544398|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/HI-H200027/2020|2020-03-18|EPI_ISL_752614|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-20979/2020|2020-12-21|EPI_ISL_759486|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0503/2020|2020-05-18|EPI_ISL_698670|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Spain/MD-IBV-003716/2020|2020-04-03|EPI_ISL_467238|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Ireland/D-SVUH-R9582/2020|2020-04-29|EPI_ISL_596640|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/Belgium/AF-0327321/2020|2020-03-27|EPI_ISL_462175|Original|hCoV-19^^Marcinelle|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-94D420/2020|2020-06-15|EPI_ISL_556065|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20119023104/2020|2020-03-13|EPI_ISL_465034|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-240071/2020|2020-08-09|EPI_ISL_523909|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-BBAAB1/2020|2020-11-20|EPI_ISL_702445|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-615/2020|2020-09-09|EPI_ISL_723066|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Wales/PHWC-486DBC/2020|2020-10-28|EPI_ISL_639133|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/SC-CDC-2-3714370/2020|2020-12-01|EPI_ISL_751744|Original|hCoV-19^^South Carolina|Human|SC Dept of Health and Env. Control-Bureau of Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/WA-UW-3871/2020|2020-03-26|EPI_ISL_427198|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-764/2020|2020-03-09|EPI_ISL_614790|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/R13300-20/2020|2020-06-30|EPI_ISL_622909|Original|hCoV-19^^KwaZulu-Natal|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/LA-EVTL880/2020|2020-07-06|EPI_ISL_653571|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-2347/2020|2020-05-00|EPI_ISL_685952|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-QDX-2043/2020|2020-03-17|EPI_ISL_604364|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC12521/2020|2020-07-29|EPI_ISL_640335|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-H12-63/2020|2020-04-12|EPI_ISL_529994|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/Japan/PG-6931/2020|2020-09-00|EPI_ISL_688037|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-18936/2020|2020-11-25|EPI_ISL_785232|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2567/2020|2020-06-25|EPI_ISL_514970|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-16398/2020|2020-11-01|EPI_ISL_786082|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-499C40/2020|2020-12-02|EPI_ISL_727421|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2346680/2020|2020-11-18|EPI_ISL_740102|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/TAS83/2020|2020-03-27|EPI_ISL_522754|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/Donner89/2020|2020-08-16|EPI_ISL_644993|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/USA/LA-EVTL079/2020|2020-05-01|EPI_ISL_451240|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUEH-B9F5EE/2020|2020-11-18|EPI_ISL_721064|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-950B07/2020|2020-06-14|EPI_ISL_554562|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100795/2020|2020-03-25|EPI_ISL_451745|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-329CE/2020|2020-04-14|EPI_ISL_474377|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AAD37B/2020|2020-10-20|EPI_ISL_623908|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A505BD/2020|2020-10-07|EPI_ISL_597712|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E71D6/2020|2020-09-24|EPI_ISL_580442|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE7160676/2020|2020-08-24|EPI_ISL_653923|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|

>Samoilov|Russia

>Spike|hCoV-19/England/MILK-A8F069/2020|2020-10-16|EPI_ISL_650279|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495989/2020|2020-11-24|EPI_ISL_726420|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CE402/2020|2020-11-26|EPI_ISL_707003|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B62809/2020|2020-11-09|EPI_ISL_656384|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00464/2020|2020-04-04|EPI_ISL_460177|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/LA-EVTL418/2020|2020-07-28|EPI_ISL_578824|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-16221/2020|2020-11-16|EPI_ISL_714647|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-1B72C8F/2020|2020-12-08|EPI_ISL_724923|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1233/2020|2020-07-13|EPI_ISL_509166|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-A69636/2020|2020-10-12|EPI_ISL_609089|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A8CA13/2020|2020-10-16|EPI_ISL_643107|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L7-CD74/2020|2020-03-25|EPI_ISL_476441|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/EXET-13546F/2020|2020-04-14|EPI_ISL_457062|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-A2ECFF/2020|2020-10-05|EPI_ISL_587039|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2734/2020|2020-04-16|EPI_ISL_453073|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/GL-ETHZ-110455/2020|2020-04-07|EPI_ISL_451875|Original|hCoV-19^^Glarus|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/EXET-13F1D7/2020|2020-12-15|EPI_ISL_763712|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B762C8/2020|2020-11-12|EPI_ISL_723752|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BIRM-67C21/2020|2020-11-06|EPI_ISL_650743|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/20169019604/2020|2020-04-17|EPI_ISL_465205|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14046/2020|2020-11-30|EPI_ISL_711535|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC297B/2020|2020-11-24|EPI_ISL_702674|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165E86/2020|2020-06-19|EPI_ISL_490809|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EAE20/2020|2020-04-29|EPI_ISL_457382|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Israel/990059233/2020|2020-03-25|EPI_ISL_447273|Original|hCoV-19^^South Coast District|Human|Microbiology laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Denmark/DCGC-20539/2020|2020-12-21|EPI_ISL_758904|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/1070/2020|2020-06-11|EPI_ISL_698144|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUI-B2DCC2/2020|2020-11-03|EPI_ISL_646840|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1261590/2020|2020-03-29|EPI_ISL_524696|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94DF7A/2020|2020-06-16|EPI_ISL_555601|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-BCD981/2020|2020-11-26|EPI_ISL_704469|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1103/2020|2020-03-28|EPI_ISL_511650|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/AZ-QDX-2310/2020|2020-03-15|EPI_ISL_604503|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/RI-CDC-2-3714565/2020|2020-12-03|EPI_ISL_751695|Original|hCoV-19^^Rhode Island|Human|RI State Health Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Luxembourg/LNS0958161/2020|2020-10-19|EPI_ISL_739862|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Luxembourg/LNS4516866/2020|2020-10-23|EPI_ISL_740485|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/EDB10633/2020|2020-12-02|EPI_ISL_705788|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/MA-Yale-425/2020|2020-04-08|EPI_ISL_738269|Original|hCoV-19^^Massachusetts|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/CA-ALSR-4599/2020|2020-07-10|EPI_ISL_667031|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-CA9D24/2020|2020-12-18|EPI_ISL_762216|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490B1F/2020|2020-11-16|EPI_ISL_706538|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/UGent-278/2020|2020-11-23|EPI_ISL_718013|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Chile/RM-ISPCH-43/2020|2020-03-16|EPI_ISL_445322|Original|hCoV-19^^Region Metropolitana de Santiago|Human|UNIV.DE CHILE HOSP.CLINICO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/201140037/2020|2020-03-10|EPI_ISL_464701|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B83213/2020|2020-11-14|EPI_ISL_675529|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-10715-01/2020|2020-03-05|EPI_ISL_525577|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/USA/AZ-TG396363/2020|2020-06-11|EPI_ISL_694820|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-9E3301/2020|2020-09-21|EPI_ISL_581299|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1263/2020|2020-08-23|EPI_ISL_536636|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MN-MDH-2227/2020|2020-12-05|EPI_ISL_770801|Original|hCoV-19^^Minnesota|Human|Vault Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/20144075304/2020|2020-04-01|EPI_ISL_466008|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B638AE/2020|2020-11-09|EPI_ISL_656603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDC57/2020|2020-05-08|EPI_ISL_580720|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10397/2020|2020-08-25|EPI_ISL_562899|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-1638F3/2020|2020-05-07|EPI_ISL_474015|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200595/2020|2020-11-02|EPI_ISL_753121|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/CA-SR0259/2020|2020-03-25|EPI_ISL_437553|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-21935/2020|2020-12-21|EPI_ISL_758100|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-1802/2020|2020-05-16|EPI_ISL_542850|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB2359/2020|2020-04-22|EPI_ISL_439189|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-4565/2020|2020-07-00|EPI_ISL_689702|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA2455/2020|2020-10-22|EPI_ISL_624392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6619597/2020|2020-12-01|EPI_ISL_771004|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Belgium/ULG-10958/2020|2020-09-07|EPI_ISL_707737|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Switzerland/BE-ETHZ-350183/2020|2020-11-04|EPI_ISL_693832|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-1606/2020|2020-07-05|EPI_ISL_594296|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Spain/MD-IBV-99007126/2020|2020-07-31|EPI_ISL_541900|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-S678/2020|2020-04-07|EPI_ISL_449848|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/BRIS-131339/2020|2020-05-21|EPI_ISL_467702|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4139/2020|2020-06-18|EPI_ISL_543403|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2339/2020|2020-06-25|EPI_ISL_522060|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21195/2020|2020-04-01|EPI_ISL_507452|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB3496/2020|2020-04-13|EPI_ISL_439269|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2F659/2020|2020-11-04|EPI_ISL_660023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACD4A/2020|2020-04-22|EPI_ISL_489467|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-142785-01/2020|2020-04-18|EPI_ISL_676978|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/NB-EMC-258/2020|2020-07-08|EPI_ISL_523381|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LEED-2AA358/2020|2020-04-08|EPI_ISL_538908|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA49FA/2020|2020-10-21|EPI_ISL_624925|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12C067/2020|2020-05-10|EPI_ISL_469365|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-280-ngs/2020|2020-12-27|EPI_ISL_776812|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/CA-CZB-10011/2020|2020-06-03|EPI_ISL_672083|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/DE-DHSS-F918424/2020|2020-03-31|EPI_ISL_593960|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/ALDP-A859E0/2020|2020-10-17|EPI_ISL_610355|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S118/2020|2020-03-01|EPI_ISL_417171|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUEH-B14208/2020|2020-11-02|EPI_ISL_641852|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20192017904/2020|2020-05-04|EPI_ISL_528416|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5149/2020|2020-09-21|EPI_ISL_621687|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10C5F16/2020|2020-12-21|EPI_ISL_741938|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21620/2020|2020-03-29|EPI_ISL_516347|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB6111/2020|2020-05-12|EPI_ISL_478228|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Canada/QC_AA3/2020|2020-04-05|EPI_ISL_444495|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Denmark/DCGC-8617/2020|2020-10-26|EPI_ISL_625999|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Gibraltar/204421241/2020|2020-10-27|EPI_ISL_613700|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/MILK-BDB4E9/2020|2020-11-26|EPI_ISL_709655|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16537/2020|2020-11-16|EPI_ISL_714824|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0553/2020|2020-07-14|EPI_ISL_498092|Original|hCoV-19^^KwaZulu-Natal|Human|NHLIS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/UT-UPHL-2012729714/2020|2020-08-17|EPI_ISL_746193|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/FL-BPHL-0299/2020|2020-05-14|EPI_ISL_480950|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LIVE-A57AE/2020|2020-03-21|EPI_ISL_500150|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LOND-D37F2/2020|2020-03-31|EPI_ISL_440990|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/WA293/2020|2020-03-21|EPI_ISL_596836|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Scotland/QEUH-9E4CF6/2020|2020-09-23|EPI_ISL_600955|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B5370E/2020|2020-11-08|EPI_ISL_656919|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201140079/2020|2020-03-09|EPI_ISL_464714|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2164/2020|2020-05-22|EPI_ISL_513714|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUH-B3F638/2020|2020-11-08|EPI_ISL_658429|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-110000/2020|2020-04-01|EPI_ISL_486442|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/OR-PROV-218/2020|2020-04-04|EPI_ISL_482453|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-120030/2020|2020-04-18|EPI_ISL_468222|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LOND-124F361/2020|2020-04-24|EPI_ISL_664471|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012997217/2020|2020-06-17|EPI_ISL_746388|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Scotland/GCVR-173DE2/2020|2020-04-06|EPI_ISL_459115|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-A05818/2020|2020-09-30|EPI_ISL_599955|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200047041/2020|2020-11-13|EPI_ISL_668442|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/India/KA-IB14/2020|2020-06-18|EPI_ISL_508292|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Netherlands/FR-RIVM-20554/2020|2020-12-15|EPI_ISL_790641|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMC-B3476D/2020|2020-11-05|EPI_ISL_659495|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15E4BB/2020|2020-05-15|EPI_ISL_472817|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12555/2020|2020-11-16|EPI_ISL_682736|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9760B1/2020|2020-08-17|EPI_ISL_552755|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0037/2020|2020-03-16|EPI_ISL_513449|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Wales/CVR4749/2020|2020-09-20|EPI_ISL_627339|Original|hCoV-19^^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Italy/CAM-IZSM-87503-NIKY/2020|2020-10-23|EPI_ISL_738121|Original|hCoV-19^^Campania|Human|IZSM-U.O.C. Virologia|Istituto Zooprofilattico Sperimentale del Mezzogiorno|Viscardi|Italy

>Spike|hCoV-19/England/QEUH-7532A7/2020|2020-07-19|EPI_ISL_532980|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC516/2020|2020-03-30|EPI_ISL_444633|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-2021/2020|2020-07-27|EPI_ISL_618231|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3999F/2020|2020-11-02|EPI_ISL_679652|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB9320/2020|2020-11-05|EPI_ISL_665790|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/EXET-13EAFB/2020|2020-12-13|EPI_ISL_763707|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/AZ-TG305807/2020|2020-04-28|EPI_ISL_694282|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/LA-EVTL1100/2020|2020-12-02|EPI_ISL_768370|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/AZ-TG408125/2020|2020-06-12|EPI_ISL_694888|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-18693/2020|2020-12-07|EPI_ISL_749256|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-49BB50/2020|2020-06-11|EPI_ISL_559322|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-38/2020|2020-04-17|EPI_ISL_523422|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-1835/2020|2020-06-23|EPI_ISL_745265|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUH-9DCB9A/2020|2020-09-21|EPI_ISL_581082|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001323/2020|2020-07-18|EPI_ISL_515808|Original|hCoV-19^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Sweden/20-13139/2020|2020-12-23|EPI_ISL_789025|Original|hCoV-19^Stockholm|Human|ABC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-94C45E/2020|2020-06-15|EPI_ISL_555848|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4FF97E/2020|2020-06-23|EPI_ISL_559191|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-30FCE/2020|2020-04-09|EPI_ISL_446389|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-1359F7/2020|2020-03-17|EPI_ISL_457124|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19372/2020|2020-11-27|EPI_ISL_783801|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6FFAE/2020|2020-10-15|EPI_ISL_608293|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2984/2020|2020-08-30|EPI_ISL_635772|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-48C81F/2020|2020-11-07|EPI_ISL_666473|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4993E1/2020|2020-12-03|EPI_ISL_727300|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13953/2020|2020-11-30|EPI_ISL_711473|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Costa Rica/INC-0141/2020|2020-09-03|EPI_ISL_770010|Original|hCoV-19^San Jose|Human|Area De Salud Escazu (Coopesana)|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Singapore/1447/2020|2020-12-07|EPI_ISL_728183|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/IL-UW-1518/2020|2020-09-16|EPI_ISL_541547|Original|hCoV-19^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/BRIS-1228F0/2020|2020-04-03|EPI_ISL_440771|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5596/2020|2020-09-21|EPI_ISL_620921|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6F2F0/2020|2020-10-15|EPI_ISL_606946|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2E1CD/2020|2020-04-07|EPI_ISL_446069|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CD588/2020|2020-05-26|EPI_ISL_475457|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-29E9EC/2020|2020-05-11|EPI_ISL_488176|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2572/2020|2020-06-17|EPI_ISL_497204|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-17852/2020|2020-12-14|EPI_ISL_749600|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9C844B/2020|2020-09-11|EPI_ISL_567025|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F6243/2020|2020-11-26|EPI_ISL_703733|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC8751/2020|2020-07-28|EPI_ISL_565174|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA39EC/2020|2020-10-22|EPI_ISL_624387|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0089/2020|2020-03-05|EPI_ISL_479836|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC10787/2020|2020-07-30|EPI_ISL_563089|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AF4AE9/2020|2020-10-30|EPI_ISL_663166|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1043/2020|2020-04-01|EPI_ISL_437043|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-1084/2020|2020-05-11|EPI_ISL_614509|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9B7940/2020|2020-09-08|EPI_ISL_590477|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1DF35/2020|2020-11-01|EPI_ISL_723549|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Belgium/reg-0417908/2020|2020-04-17|EPI_ISL_734619|Original|hCoV-19^^Mont-Saint-Guibert|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CZB-14130/2020|2020-05-23|EPI_ISL_739576|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/FL-BPHL-1195/2020|2020-08-21|EPI_ISL_526681|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-2160/2020|2020-08-10|EPI_ISL_617459|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-290F2/2020|2020-04-02|EPI_ISL_445481|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-99D6A3/2020|2020-08-31|EPI_ISL_549937|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3563D/2020|2020-04-24|EPI_ISL_474456|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC11796/2020|2020-08-01|EPI_ISL_591824|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-7B62C/2020|2020-04-03|EPI_ISL_441195|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-99989/2020|2020-04-09|EPI_ISL_439779|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/EDB5108/2020|2020-03-31|EPI_ISL_453188|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1598/2020|2020-03-18|EPI_ISL_603899|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/204742210/2020|2020-00-00|EPI_ISL_649917|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1771/2020|2020-07-13|EPI_ISL_618210|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-2608/2020|2020-06-05|EPI_ISL_545424|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-EC6F9/2020|2020-05-11|EPI_ISL_457553|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0070/2020|2020-03-27|EPI_ISL_640063|Original|hCoV-19^^Western Cape|Human|CoVid WC Cape Town Metro|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/DC-HP00043/2020|2020-03-22|EPI_ISL_434639|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/MILK-9E2AFE/2020|2020-09-21|EPI_ISL_581210|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16653/2020|2020-08-08|EPI_ISL_640989|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2338/2020|2020-08-10|EPI_ISL_617676|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C340F8/2020|2020-12-11|EPI_ISL_733998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A6560D/2020|2020-10-11|EPI_ISL_608504|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7482/2020|2020-08-00|EPI_ISL_688584|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-QDX-1550/2020|2020-03-18|EPI_ISL_603796|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Germany/HH-hpi-p2360/2020|2020-03-19|EPI_ISL_775825|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/EXET-13E439/2020|2020-12-06|EPI_ISL_724322|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4557/2020|2020-07-08|EPI_ISL_667005|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-48C994/2020|2020-11-04|EPI_ISL_665803|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012859839/2020|2020-08-08|EPI_ISL_746049|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-UW-585/2020|2020-06-22|EPI_ISL_484960|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/NA_153/2020|2020-03-20|EPI_ISL_422688|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CSMC121/2020|2020-04-05|EPI_ISL_475598|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/NM-UNM-00507/2020|2020-05-08|EPI_ISL_542937|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15479/2020|2020-10-23|EPI_ISL_786963|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-51F5CE/2020|2020-06-02|EPI_ISL_558908|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B6827E/2020|2020-11-11|EPI_ISL_655262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD196D/2020|2020-10-26|EPI_ISL_634601|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9E4652/2020|2020-09-23|EPI_ISL_600974|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0569/2020|2020-05-15|EPI_ISL_698728|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/South Africa/Tygerberg_337_CC2/2020|2020-10-09|EPI_ISL_660144|Original|hCoV-19^^Western Cape|Human|PathCare|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B77C50/2020|2020-11-12|EPI_ISL_783521|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM57057181/2020|2020-11-22|EPI_ISL_753410|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/North Macedonia/5003/2020|2020-06-25|EPI_ISL_677711|Original|hCoV-19^^Ohrid|Human|General Hospital - Ohrid|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/England/QEUA-9FA60E/2020|2020-09-26|EPI_ISL_588233|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204481795/2020|2020-10-28|EPI_ISL_653995|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26492458/2020|2020-04-28|EPI_ISL_485036|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/ALDP-A872F2/2020|2020-10-14|EPI_ISL_606283|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664524/2020|2020-04-20|EPI_ISL_696141|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-1822/2020|2020-05-15|EPI_ISL_542864|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B8FA5B/2020|2020-11-13|EPI_ISL_674712|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1793/2020|2020-09-16|EPI_ISL_644876|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00239501/2020|2020-03-26|EPI_ISL_536254|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-2528/2020|2020-08-10|EPI_ISL_617798|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-CDC-8374/2020|2020-03-03|EPI_ISL_594447|original|hCoV-19^^Washington|Human|Washington State Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMC-A57EE8/2020|2020-10-09|EPI_ISL_597012|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCB7F0/2020|2020-11-24|EPI_ISL_724429|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-943F74/2020|2020-06-07|EPI_ISL_554767|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC033/2020|2020-10-21|EPI_ISL_629329|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22418/2020|2020-12-14|EPI_ISL_757552|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NB-EMC-185/2020|2020-05-07|EPI_ISL_523308|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Austria/CeMM0274/2020|2020-03-24|EPI_ISL_438101|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Wales/PHWC-16AA6F/2020|2020-09-13|EPI_ISL_560145|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9611F2/2020|2020-08-04|EPI_ISL_532118|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45F26/2020|2020-10-06|EPI_ISL_598729|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MP-DRDE115/2020|2020-03-31|EPI_ISL_476023|Original|hCoV-19^^Madhya Pradesh|Human|Defence Research & Development Establishment (DRDE)|Defence Research & Development Establishment (DRDE)|Dash|India

>Spike|hCoV-19/Denmark/DCGC-2086/2020|2020-08-03|EPI_ISL_618343|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21646/2020|2020-03-31|EPI_ISL_516373|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-21624/2020|2020-12-21|EPI_ISL_758269|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14546/2020|2020-10-09|EPI_ISL_787831|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-CB53F6/2020|2020-12-19|EPI_ISL_761799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1654/2020|2020-03-09|EPI_ISL_622403|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21753/2020|2020-07-22|EPI_ISL_529871|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-97CF90/2020|2020-07-18|EPI_ISL_526318|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Canada/BC_03385157/2020|2020-04-00|EPI_ISL_466737|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/WI-WSLH-200536/2020|2020-05-29|EPI_ISL_578673|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/WA-S2593/2020|2020-06-18|EPI_ISL_497225|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9EE096/2020|2020-05-06|EPI_ISL_589361|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26629255/2020|2020-04-21|EPI_ISL_485238|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/ALDP-92B112/2020|2020-06-22|EPI_ISL_551389|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201140293/2020|2020-03-08|EPI_ISL_464720|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-A223C9/2020|2020-10-01|EPI_ISL_587345|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2AE42/2020|2020-04-07|EPI_ISL_432269|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22136/2020|2020-12-14|EPI_ISL_758577|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC358/2020|2020-04-08|EPI_ISL_430385|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Northern Ireland/QEUA-95EA93/2020|2020-08-09|EPI_ISL_532303|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10831/2020|2020-11-02|EPI_ISL_669825|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/LR00133/2020|2020-07-20|EPI_ISL_514364|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/QEUA-B69BAF/2020|2020-11-11|EPI_ISL_655197|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-003262/2020|2020-03-17|EPI_ISL_481032|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Poland/1154942/2020|2020-06-07|EPI_ISL_512299|Original|hCoV-19^^Pomorskie|Human|Hematology Laboratory|Department of Virology|Smura|Poland

>Spike|hCoV-19/Wales/QEUA-A8B777/2020|2020-10-16|EPI_ISL_647860|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir8991/2020|2020-09-21|EPI_ISL_729600|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/FL-BPHL-1225/2020|2020-07-28|EPI_ISL_541198|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Netherlands/Flevoland_3/2020|2020-03-31|EPI_ISL_455112|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC2395/2020|2020-06-29|EPI_ISL_522112|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1ACCC5/2020|2020-04-23|EPI_ISL_489515|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PRIN-254BB49/2020|2020-04-26|EPI_ISL_509442|Original|hCoV-19^^England|Human|The Princess Alexandra Hospital|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E79B/2020|2020-09-26|EPI_ISL_595500|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15790/2020|2020-07-10|EPI_ISL_785474|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1161/2020|2020-11-23|EPI_ISL_763236|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/Gelderland_122/2020|2020-05-22|EPI_ISL_460883|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-9DDFAC/2020|2020-09-21|EPI_ISL_599533|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1032/2020|2020-04-00|EPI_ISL_684642|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B1C042/2020|2020-11-01|EPI_ISL_645931|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR32/2020|2020-03-13|EPI_ISL_425761|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-C1486/2020|2020-06-10|EPI_ISL_528564|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/QEUA-9E52B7/2020|2020-09-23|EPI_ISL_579886|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/S20AE7/2020|2020-10-11|EPI_ISL_737076|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/VIC11678/2020|2020-07-22|EPI_ISL_563456|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-13721/2020|2020-08-18|EPI_ISL_788814|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/MOS-CRIE-13679342/2020|2020-11-09|EPI_ISL_745251|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiolog

>y|Korneenko|Russia

>Spike|hCoV-19/England/MILK-631F9A/2020|2020-07-05|EPI_ISL_556195|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79FFC/2020|2020-10-15|EPI_ISL_606821|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C44EFB/2020|2020-12-10|EPI_ISL_719160|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-98006563/2020|2020-06-30|EPI_ISL_541076|Original|hCoV-19^^Catalunya|Human|Hospital de la Santa Creu i Sant Pau. Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/Institute of Biomedicine of Valencia|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-15658/2020|2020-11-23|EPI_ISL_713944|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B04EF8/2020|2020-10-24|EPI_ISL_650631|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Pakistan/KP-RMI-01/2020|2020-04-01|EPI_ISL_632908|Original|hCoV-19^^Pakistan|Human|Genomic Sciences|Genomic Sciences|Haider|Pakistan

>Spike|hCoV-19/England/CAMB-1B3CE9/2020|2020-05-29|EPI_ISL_461583|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3223/2020|2020-08-31|EPI_ISL_616883|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AED57/2020|2020-05-07|EPI_ISL_452857|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-B3666E/2020|2020-11-05|EPI_ISL_645268|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/MBL-465/2020|2020-03-27|EPI_ISL_435423|Original|hCoV-19^^Balassagyarmat|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/Denmark/DCGC-12997/2020|2020-12-07|EPI_ISL_712517|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B20B1D/2020|2020-11-02|EPI_ISL_647681|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2305/2020|2020-08-10|EPI_ISL_617730|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-74F0A/2020|2020-03-16|EPI_ISL_440418|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-4586/2020|2020-08-00|EPI_ISL_689723|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Iceland/108/2020|2020-03-11|EPI_ISL_417708|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMB-7FD6F/2020|2020-00-00|EPI_ISL_444409|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/LIVE-A5C90/2020|2020-03-17|EPI_ISL_499657|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C1B0/2020|2020-04-04|EPI_ISL_474287|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15341/2020|2020-10-19|EPI_ISL_786825|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC14661/2020|2020-08-06|EPI_ISL_592940|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-IHU-0369/2020|2020-03-25|EPI_ISL_569476|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0027Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-7569/2020|2020-06-25|EPI_ISL_546860|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C3A20B/2020|2020-12-09|EPI_ISL_731385|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2118/2020|2020-12-14|EPI_ISL_743848|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/CE-NVRL-AIIDV1105v2/2020|2020-04-26|EPI_ISL_644269|Original|hCoV-19^^Clare|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Vietnam/40127/2020|2020-07-00|EPI_ISL_759877|Original|hCoV-19^^Vietnam|Human|National Influenza Center|National Influenza Center|Ung|Vietnam

>Spike|hCoV-19/England/SHEF-C9BA8/2020|2020-03-21|EPI_ISL_479237|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC8067/2020|2020-08-18|EPI_ISL_564829|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/TG-CCMB-J131/2020|2020-04-01|EPI_ISL_447566|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/QEUEH-B2CD1B/2020|2020-11-03|EPI_ISL_659922|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCB417/2020|2020-11-22|EPI_ISL_724403|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7222/2020|2020-10-12|EPI_ISL_619088|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A56A1/2020|2020-03-19|EPI_ISL_499967|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-0686/2020|2020-00-00|EPI_ISL_684296|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-13479/2020|2020-10-21|EPI_ISL_672525|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/LA-EVTL1201/2020|2020-12-12|EPI_ISL_768470|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-4931B0/2020|2020-11-28|EPI_ISL_725850|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-55-20/2020|2020-09-23|EPI_ISL_632380|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-Wadsworth-236998-01/2020|2020-10-05|EPI_ISL_734317|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/ZG-ETHZ-150018plus/2020|2020-06-08|EPI_ISL_483657|Original|hCoV-19^^Zug|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-114C04/2020|2020-10-10|EPI_ISL_595234|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Kenya/C3457/2020|2020-04-30|EPI_ISL_568715|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/UT-UPHL-2012535481/2020|2020-08-15|EPI_ISL_746130|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NM-UNM-00317/2020|2020-05-13|EPI_ISL_508097|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12940/2020|2020-08-18|EPI_ISL_788092|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21457/2020|2020-04-08|EPI_ISL_507711|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-8639/2020|2020-10-26|EPI_ISL_625987|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW1062/2020|2020-07-28|EPI_ISL_593671|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/UT-UPHL-2009200/2020|2020-05-27|EPI_ISL_525182|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-7113/2020|2020-08-00|EPI_ISL_688218|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-10915/2020|2020-11-24|EPI_ISL_678456|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/South Africa/KRISP-K002486/2020|2020-08-07|EPI_ISL_535393|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC8196/2020|2020-08-13|EPI_ISL_564894|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-BBC800/2020|2020-11-20|EPI_ISL_705598|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2534/2020|2020-12-29|EPI_ISL_779365|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Moreno|USA
>Spike|hCoV-19/Scotland/QEUH-96A95B/2020|2020-08-17|EPI_ISL_531382|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-9B037/2020|2020-03-28|EPI_ISL_449404|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Australia/VIC8831/2020|2020-07-27|EPI_ISL_565222|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-485AE3/2020|2020-10-23|EPI_ISL_628251|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/BRIS-12573C/2020|2020-03-28|EPI_ISL_443779|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-2144/2020|2020-10-28|EPI_ISL_677163|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA
>Spike|hCoV-19/England/MILK-A194D1/2020|2020-10-03|EPI_ISL_612511|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/India/MH-ACTREC-516/2020|2020-08-19|EPI_ISL_700163|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/England/QEUH-9B7E50/2020|2020-09-07|EPI_ISL_590672|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A79D4D/2020|2020-10-15|EPI_ISL_606711|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/FR-ETHZ-350302/2020|2020-10-30|EPI_ISL_728931|Original|hCoV-19^^Fribourg|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Costa Rica/INC-0032/2020|2020-03-15|EPI_ISL_491444|Original|hCoV-19^^San Jose|Human|Area de Salud Escazu (Coopesana)|Inciensa|Brenes Porras|Costa Rica
>Spike|hCoV-19/USA/TX-HMH-MCoV-19588/2020|2020-11-21|EPI_ISL_783959|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-CZB-10952/2020|2020-09-16|EPI_ISL_583036|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/USA/FL-BPHL-0911/2020|2020-06-30|EPI_ISL_517801|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Belgium/reg-10131440/2020|2020-10-13|EPI_ISL_738492|Original|hCoV-19^^Nossegem|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/England/CAMB-72467/2020|2020-03-24|EPI_ISL_439621|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-6985/2020|2020-10-12|EPI_ISL_619831|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Belgium/ULG-0190/2020|2020-03-23|EPI_ISL_447130|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/USA/MA-QDX-2015/2020|2020-03-17|EPI_ISL_604345|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-15562/2020|2020-11-23|EPI_ISL_713895|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20124030003/2020|2020-03-17|EPI_ISL_418707|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B7BD68/2020|2020-11-12|EPI_ISL_724055|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-94DBA3/2020|2020-06-17|EPI_ISL_555542|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R13287-20/2020|2020-07-02|EPI_ISL_622928|Original|hCoV-19^^KwaZulu-Natal|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/DRC/300/2020|2020-03-22|EPI_ISL_420841|Original|hCoV-19^^Sud Kivu|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/Scotland/QEUH-AACBB0/2020|2020-10-21|EPI_ISL_652903|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB3025/2020|2020-04-03|EPI_ISL_488979|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3753/2020|2020-04-20|EPI_ISL_622627|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9AEFFF/2020|2020-09-03|EPI_ISL_573525|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-49A30E/2020|2020-06-08|EPI_ISL_559394|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6385/2020|2020-09-28|EPI_ISL_622322|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8963/2020|2020-10-26|EPI_ISL_625869|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6DF64/2020|2020-10-14|EPI_ISL_607710|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A84A2A/2020|2020-10-18|EPI_ISL_610440|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB740/2020|2020-04-02|EPI_ISL_705796|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Palestine/46/2020|2020-08-17|EPI_ISL_596529|Original|hCoV-19^^Jerusalem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/USA/VA-DCLS-1170/2020|2020-07-18|EPI_ISL_525197|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/GCVR-1724C0/2020|2020-03-30|EPI_ISL_469964|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABBD8B/2020|2020-10-21|EPI_ISL_631198|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0080/2020|2020-04-01|EPI_ISL_467454|Original|hCoV-19^^KwaZulu-Natal|Human|AMPATH-DBN|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-48A213/2020|2020-10-27|EPI_ISL_650914|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14145/2020|2020-11-30|EPI_ISL_711288|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SG-ETHZ-331457/2020|2020-10-21|EPI_ISL_614945|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-A4D823/2020|2020-10-07|EPI_ISL_628612|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5236/2020|2020-06-26|EPI_ISL_544614|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW65/2020|2020-03-10|EPI_ISL_415593|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/India/DL-NCDC7557-CSIR-IGIB/2020|2020-05-27|EPI_ISL_482643|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Japan/IC-0127/2020|2020-08-00|EPI_ISL_591468|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-K002826/2020|2020-09-01|EPI_ISL_602646|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/NORW-E88E8/2020|2020-04-11|EPI_ISL_448248|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl664/2020|2020-03-18|EPI_ISL_775646|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Spain/AR-IBV-005036/2020|2020-04-20|EPI_ISL_500340|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC11899/2020|2020-08-03|EPI_ISL_591887|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Italy/APU-IZSPB-172APT/2020|2020-08-20|EPI_ISL_649191|Vero|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/20109002404/2020|2020-03-03|EPI_ISL_464504|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-CD737/2020|2020-03-29|EPI_ISL_432548|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-UW-971/2020|2020-07-03|EPI_ISL_509969|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-0673/2020|2020-04-00|EPI_ISL_684283|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-1057/2020|2020-06-04|EPI_ISL_517947|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-8950/2020|2020-10-26|EPI_ISL_626195|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08716/2020|2020-05-19|EPI_ISL_524773|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Brazil/SP-678/2020|2020-06-12|EPI_ISL_693233|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Santa Cruz|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Hong Kong/VM20135296/2020|2020-10-20|EPI_ISL_730616|Original|hCoV-19^^Hong Kong|Human|United Christian Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Japan/PG-0856/2020|2020-04-00|EPI_ISL_684466|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-7751/2020|2020-06-26|EPI_ISL_545615|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A8525E/2020|2020-10-16|EPI_ISL_610506|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA355/2020|2020-09-24|EPI_ISL_579942|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2361/2020|2020-03-17|EPI_ISL_604655|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC4196/2020|2020-07-15|EPI_ISL_519524|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20144057404/2020|2020-03-31|EPI_ISL_466003|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-C7B5D8/2020|2020-12-15|EPI_ISL_756762|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_333/2020|2020-04-03|EPI_ISL_455138|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Belgium/regal-12111435/2020|2020-12-11|EPI_ISL_738487|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/WA-S740/2020|2020-04-13|EPI_ISL_449910|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-AA0A91/2020|2020-10-22|EPI_ISL_625196|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2796/2020|2020-09-20|EPI_ISL_678348|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/England/QEUA-9E426D/2020|2020-09-22|EPI_ISL_579811|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B6ADD5/2020|2020-11-11|EPI_ISL_662377|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001424/2020|2020-11-20|EPI_ISL_683794|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/20126095704/2020|2020-03-18|EPI_ISL_423904|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/QC_AT9/2020|2020-04-05|EPI_ISL_463944|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/CAMC-BBFF17/2020|2020-11-21|EPI_ISL_704830|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC043/2020|2020-03-31|EPI_ISL_666663|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Australia/VIC4571/2020|2020-07-13|EPI_ISL_518977|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17447/2020|2020-12-14|EPI_ISL_750990|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT0415/2020|2020-03-23|EPI_ISL_454139|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Mexico/AGS-INDRE-79/2020|2020-11-02|EPI_ISL_658865|Original|hCoV-19^^Aguascalientes|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/England/ALDP-9CC16E/2020|2020-09-16|EPI_ISL_573088|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12745/2020|2020-08-29|EPI_ISL_790502|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-9B7E32/2020|2020-09-07|EPI_ISL_590587|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15267/2020|2020-11-23|EPI_ISL_713732|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0730/2020|2020-07-14|EPI_ISL_509788|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-CZB-1911/2020|2020-04-22|EPI_ISL_486204|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/NORT-284DCF/2020|2020-03-27|EPI_ISL_478595|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/India/HR-NIBG-TF77/2020|2020-05-25|EPI_ISL_653917|Original|hCoV-19^^Haryana|Human|Translational Health Science and Technology Institute|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/FL-BPHL-1684/2020|2020-08-12|EPI_ISL_594373|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00234639/2020|2020-03-23|EPI_ISL_536065|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Japan/PG-4441/2020|2020-07-00|EPI_ISL_692664|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-12614/2020|2020-11-16|EPI_ISL_682795|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3304/2020|2020-07-11|EPI_ISL_520983|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-AA03F0/2020|2020-10-19|EPI_ISL_611454|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW852/2020|2020-08-12|EPI_ISL_526194|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WA-UW-5750/2020|2020-04-06|EPI_ISL_430918|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12587/2020|2020-08-31|EPI_ISL_790408|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC6697/2020|2020-07-20|EPI_ISL_563999|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9C8241/2020|2020-09-11|EPI_ISL_567062|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15113/2020|2020-11-23|EPI_ISL_713638|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BC1EBB/2020|2020-11-22|EPI_ISL_705634|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC10756/2020|2020-00-00|EPI_ISL_563073|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16DB5A/2020|2020-09-22|EPI_ISL_577496|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BD1B57/2020|2020-11-27|EPI_ISL_702190|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A0613A/2020|2020-10-01|EPI_ISL_600116|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B235FE/2020|2020-11-04|EPI_ISL_646941|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B73F5B/2020|2020-11-12|EPI_ISL_664638|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/QC_BC6/2020|2020-04-11|EPI_ISL_515245|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/MILK-B39908/2020|2020-11-01|EPI_ISL_741360|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/LOND-12F0E31/2020|2020-12-03|EPI_ISL_705331|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/GSTT-265DD89/2020|2020-03-28|EPI_ISL_484102|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0337/2020|2020-11-24|EPI_ISL_755465|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/CAMB-1AD383/2020|2020-04-25|EPI_ISL_489488|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-154/2020|2020-11-18|EPI_ISL_751474|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/DRC/3440/2020|2020-04-22|EPI_ISL_447597|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/England/OXON-B0281/2020|2020-04-10|EPI_ISL_478870|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BIRM-5F0A8/2020|2020-05-05|EPI_ISL_473308|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18260/2020|2020-11-17|EPI_ISL_784608|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A67A4B/2020|2020-10-12|EPI_ISL_630478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2952/2020|2020-07-31|EPI_ISL_549027|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/AZ-TG347264/2020|2020-06-02|EPI_ISL_694396|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-B37FAE/2020|2020-11-05|EPI_ISL_659084|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA19FD/2020|2020-10-22|EPI_ISL_624525|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B41E1/2020|2020-09-03|EPI_ISL_559881|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C985/2020|2020-11-08|EPI_ISL_666489|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-768FE/2020|2020-03-29|EPI_ISL_438462|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2758/2020|2020-07-20|EPI_ISL_522537|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Singapore/1443/2020|2020-12-05|EPI_ISL_728179|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/MD-HP12084/2020|2020-11-18|EPI_ISL_791409|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Australia/NSW261/2020|2020-03-27|EPI_ISL_451526|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/204961138/2020|2020-12-03|EPI_ISL_700624|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7E503/2020|2020-11-14|EPI_ISL_668053|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A79509/2020|2020-10-12|EPI_ISL_638808|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC8127/2020|2020-08-06|EPI_ISL_564865|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15999/2020|2020-11-23|EPI_ISL_714121|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUIH-9984CC/2020|2020-08-24|EPI_ISL_540004|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2730/2020|2020-04-18|EPI_ISL_473550|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2480/2020|2020-03-13|EPI_ISL_604850|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NORT-295B94/2020|2020-04-03|EPI_ISL_488489|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AC428/2020|2020-04-07|EPI_ISL_448449|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-CDE14/2020|2020-05-27|EPI_ISL_535082|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11474/2020|2020-11-02|EPI_ISL_670939|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5897/2020|2020-10-05|EPI_ISL_620162|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-82CE4/2020|2020-04-13|EPI_ISL_443468|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD358/2020|2020-09-15|EPI_ISL_566130|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7658/2020|2020-08-00|EPI_ISL_686760|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR4926/2020|2020-10-01|EPI_ISL_594692|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2344E7/2020|2020-10-19|EPI_ISL_680398|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Scotland/EDB3157/2020|2020-04-06|EPI_ISL_489063|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-ChVir20731/2020|2020-11-18|EPI_ISL_729673|Original|hCoV-19^^Bavaria|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Canada/NS-NML-1371/2020|2020-04-15|EPI_ISL_579747|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/QEUIH-A49A12/2020|2020-10-08|EPI_ISL_628445|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-96E8B4/2020|2020-08-17|EPI_ISL_534468|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-004968/2020|2020-05-07|EPI_ISL_481041|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8669/2020|2020-09-00|EPI_ISL_686265|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16852/2020|2020-12-14|EPI_ISL_750526|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1026/2020|2020-10-27|EPI_ISL_700497|Original|hCoV-19^^Western Cape|Human|George Hospital wc GRH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/QEUA-B9EC08/2020|2020-11-18|EPI_ISL_719618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBB79B/2020|2020-11-21|EPI_ISL_704486|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LOND-1261554/2020|2020-03-28|EPI_ISL_524679|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-802B23/2020|2020-07-16|EPI_ISL_557207|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EC20/2020|2020-10-15|EPI_ISL_607259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200342/2020|2020-08-27|EPI_ISL_752898|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-B23910/2020|2020-11-04|EPI_ISL_646812|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D5FF5/2020|2020-12-19|EPI_ISL_742083|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-A61E18/2020|2020-10-12|EPI_ISL_706938|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC17566/2020|2020-08-21|EPI_ISL_663925|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/VC-FISABIO-627/2020|2020-03-31|EPI_ISL_455739|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Australia/VIC12250/2020|2020-07-26|EPI_ISL_640500|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2187/2020|2020-06-08|EPI_ISL_497615|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-8503/2020|2020-10-26|EPI_ISL_625898|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-53236/2020|2020-10-26|EPI_ISL_676496|Original|hCoV-19^^Orebro|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-15517/2020|2020-11-23|EPI_ISL_713864|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B11C1C/2020|2020-11-02|EPI_ISL_642209|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/18ES5AH5/2020|2020-08-18|EPI_ISL_756283|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-A8630F/2020|2020-10-17|EPI_ISL_606258|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8083/2020|2020-08-00|EPI_ISL_687184|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-293E60/2020|2020-07-20|EPI_ISL_573331|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-9C3941/2020|2020-09-10|EPI_ISL_566867|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C458A1/2020|2020-12-10|EPI_ISL_719545|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C7B59C/2020|2020-12-15|EPI_ISL_756786|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EC5A1/2020|2020-05-10|EPI_ISL_457535|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-A6B25E/2020|2020-10-09|EPI_ISL_608779|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F03F2/2020|2020-09-24|EPI_ISL_580634|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BHRT-24B37EF/2020|2020-05-16|EPI_ISL_528803|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B78220/2020|2020-11-12|EPI_ISL_783401|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-383/2020|2020-07-21|EPI_ISL_514251|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-13874/2020|2020-11-30|EPI_ISL_713075|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-03205/2020|2020-10-01|EPI_ISL_765746|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/MI-QDX-902/2020|2020-03-19|EPI_ISL_571623|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WI-UW-2602/2021|2021-01-03|EPI_ISL_791119|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/AZ-TG618045/2020|2020-07-20|EPI_ISL_695687|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Switzerland/GR-ETHZ-390381/2020|2020-12-01|EPI_ISL_721818|Original|hCoV-19^^Graub\u00f6cnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4800B9/2020|2020-10-21|EPI_ISL_612849|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A5801E/2020|2020-10-09|EPI_ISL_596937|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABB608/2020|2020-10-21|EPI_ISL_623471|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Kingdom/USAFSAM-S026/2020|2020-03-18|EPI_ISL_513310|Original|hCoV-19^^United Kingdom|Human|Public Health|Public Health|Friès|United Kingdom

>Spike|hCoV-19/Indonesia/JB-WJHL-ITB-A02050/2020|2020-10-21|EPI_ISL_747235|Original|hCoV-19^^West Java|Human|Sukabumi Health Laboratory|West Java Health Laboratory; School of Life Sciences and Technology|Fibriani|Indonesia

>Spike|hCoV-19/France/ARA-10580/2020|2020-03-18|EPI_ISL_508999|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Northern Ireland/NIRE-FC74E/2020|2020-04-21|EPI_ISL_459349|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-96BF49/2020|2020-08-17|EPI_ISL_534673|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11831/2020|2020-09-17|EPI_ISL_790118|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-83C3E/2020|2020-04-16|EPI_ISL_443376|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUIH-AF61D3/2020|2020-10-30|EPI_ISL_663189|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1528/2020|2020-03-15|EPI_ISL_775905|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Peru/LIM-UPCH-0191/2020|2020-10-15|EPI_ISL_729887|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Genética Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/MILK-B8F1DE/2020|2020-11-13|EPI_ISL_675185|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-96A27E/2020|2020-08-15|EPI_ISL_534376|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002390/2020|2020-07-25|EPI_ISL_515755|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUIH-A004EC/2020|2020-09-30|EPI_ISL_600406|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Palestine/95/2020|2020-07-11|EPI_ISL_596565|Original|hCoV-19^^Nablus|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/Wales/PHWC-26110/2020|2020-03-24|EPI_ISL_422210|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2116/2020|2020-03-13|EPI_ISL_604417|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC4470/2020|2020-07-16|EPI_ISL_519766|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20136006402/2020|2020-03-25|EPI_ISL_420519|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Colombia/CAQ-INS-007007/2020|2020-10-17|EPI_ISL_739679|Original|hCoV-19^^Caqueta|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Australia/WA367/2020|2020-10-23|EPI_ISL_605844|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/MN-MDH-1775/2020|2020-04-13|EPI_ISL_590778|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Japan/PG-5619/2020|2020-08-00|EPI_ISL_688744|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Latvia/206/2020|2020-09-16|EPI_ISL_770042|Original|hCoV-19^^Latvia|Human|Centr\u00f1a Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/ALDP-AA2B50/2020|2020-10-22|EPI_ISL_624088|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM091/2020|2020-03-19|EPI_ISL_444581|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Australia/VIC2236/2020|2020-06-22|EPI_ISL_521973|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20156041804/2020|2020-04-08|EPI_ISL_466312|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0694/2020|2020-04-17|EPI_ISL_500855|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Russia/MOS-CRIE-13373431/2020|2020-11-07|EPI_ISL_745237|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|y|Korneenko|Russia

>Spike|hCoV-19/Denmark/DCGC-1780/2020|2020-07-13|EPI_ISL_618183|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B418D3/2020|2020-11-08|EPI_ISL_658726|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-07491/2020|2020-06-23|EPI_ISL_489921|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/202822188/2020|2020-06-14|EPI_ISL_490244|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22156/2020|2020-12-14|EPI_ISL_757820|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BD147A/2020|2020-11-29|EPI_ISL_702336|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A748/2020|2020-04-02|EPI_ISL_441094|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491507/2020|2020-06-18|EPI_ISL_695131|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Finland/8LS12D10/2020|2020-10-08|EPI_ISL_755971|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/NSW102/2020|2020-03-11|EPI_ISL_427656|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW

Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Portugal/PT0249/2020|2020-04-02|EPI_ISL_453963|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/Belgium/UGent-52/2020|2020-03-31|EPI_ISL_451165|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
>Spike|hCoV-19/Canada/NS-NML-1377/2020|2020-04-15|EPI_ISL_579752|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada
>Spike|hCoV-19/Australia/VIC11143/2020|2020-07-25|EPI_ISL_563268|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/AZ-TG395932/2020|2020-06-08|EPI_ISL_694768|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/Wales/PHWC-4851A2/2020|2020-10-25|EPI_ISL_628155|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14762/2020|2020-11-05|EPI_ISL_739292|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Japan/PG-7673/2020|2020-08-00|EPI_ISL_686775|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-19017/2020|2020-12-07|EPI_ISL_748700|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/BRIS-1233FE/2020|2020-04-05|EPI_ISL_442721|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/OXON-B389B/2020|2020-04-07|EPI_ISL_534892|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Australia/VIC15727/2020|2020-00-00|EPI_ISL_593426|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/CA-CZB-13728/2020|2020-11-09|EPI_ISL_739477|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Germany/SH-ChVir8333/2020|2020-08-05|EPI_ISL_729586|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/England/ALDP-A95A35/2020|2020-10-19|EPI_ISL_624783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/BC_07924910/2020|2020-04-00|EPI_ISL_477102|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19/England/QEUEH-B822AB/2020|2020-11-14|EPI_ISL_661861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9BCE4C/2020|2020-09-09|EPI_ISL_573079|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/C200028755/2020|2020-10-09|EPI_ISL_733586|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Lackenby|United Kingdom
>Spike|hCoV-19/USA/WA-S1959/2020|2020-06-04|EPI_ISL_497387|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0108/2020|2020-04-17|EPI_ISL_515381|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/CAMB-7D04A/2020|2020-04-03|EPI_ISL_442811|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-126041C/2020|2020-03-16|EPI_ISL_524653|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-848B1/2020|2020-03-04|EPI_ISL_440512|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F917709/2020|2020-03-23|EPI_ISL_560307|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/TX-DSHS-0357/2020|2020-06-13|EPI_ISL_538294|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-498A56/2020|2020-12-05|EPI_ISL_727163|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL268/2020|2020-08-22|EPI_ISL_574402|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-A6E543/2020|2020-10-15|EPI_ISL_607193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6930/2020|2020-06-27|EPI_ISL_546360|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-E7D62/2020|2020-05-06|EPI_ISL_449089|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2CB1C/2020|2020-04-01|EPI_ISL_445950|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Singapore/564nan/2020|2020-04-02|EPI_ISL_538471|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-14841/2020|2020-10-13|EPI_ISL_786325|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-11CC1B/2020|2020-11-19|EPI_ISL_665740|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-C98D28/2020|2020-12-18|EPI_ISL_777332|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4229/2020|2020-07-14|EPI_ISL_519557|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-29292/2020|2020-04-03|EPI_ISL_445502|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AD2FD3/2020|2020-10-26|EPI_ISL_630004|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129177404/2020|2020-03-22|EPI_ISL_424161|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-94482D/2020|2020-06-07|EPI_ISL_555599|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-65A56/2020|2020-10-01|EPI_ISL_594605|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-ACD4AF/2020|2020-10-22|EPI_ISL_634510|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1094/2020|2020-05-22|EPI_ISL_615133|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/NSW1308/2020|2020-12-18|EPI_ISL_767874|Original|hCoV-19^^New South Wales|Human|Histopath|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-A7D71E/2020|2020-10-13|EPI_ISL_606497|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-13999/2020|2020-08-05|EPI_ISL_547664|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Scotland/EDB031/2020|2020-03-13|EPI_ISL_425837|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC4BC0/2020|2020-11-25|EPI_ISL_704114|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4100/2020|2020-06-18|EPI_ISL_543370|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BEE39B/2020|2020-11-30|EPI_ISL_721526|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E15A/2020|2020-10-06|EPI_ISL_586917|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A57B87/2020|2020-10-10|EPI_ISL_597250|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45AE8/2020|2020-11-07|EPI_ISL_656023|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B048DC/2020|2020-10-24|EPI_ISL_651031|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/201090513/2020|2020-03-07|EPI_ISL_464577|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B4952/2020|2020-09-03|EPI_ISL_590242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2647/2020|2020-08-17|EPI_ISL_617866|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-3629/2020|2020-07-23|EPI_ISL_548351|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-7BE60/2020|2020-04-05|EPI_ISL_470497|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6316/2020|2020-08-00|EPI_ISL_689427|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10108/2020|2020-11-09|EPI_ISL_669398|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-4067/2020|2020-08-05|EPI_ISL_548654|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-20391/2020|2020-12-21|EPI_ISL_758720|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BFF485/2020|2020-12-02|EPI_ISL_720826|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9634/2020|2020-11-09|EPI_ISL_669078|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-4674DA/2020|2020-05-21|EPI_ISL_559719|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-UW-4238/2020|2020-03-30|EPI_ISL_427162|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-B2BA06/2020|2020-11-02|EPI_ISL_646539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B68618/2020|2020-11-11|EPI_ISL_662257|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08CCD/2020|2020-10-30|EPI_ISL_643674|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DE284/2020|2020-09-21|EPI_ISL_599764|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2743/2020|2020-08-17|EPI_ISL_616488|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG670225/2020|2020-04-30|EPI_ISL_696408|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-1036/2020|2020-04-02|EPI_ISL_436677|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300299/2020|2020-09-25|EPI_ISL_603331|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-3465C/2020|2020-04-20|EPI_ISL_446953|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0432/2020|2020-03-22|EPI_ISL_495338|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-CZB-1283/2020|2020-04-02|EPI_ISL_454641|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/MILK-BDB72C/2020|2020-11-26|EPI_ISL_709570|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0467/2020|2020-05-18|EPI_ISL_698637|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-11324/2020|2020-11-02|EPI_ISL_670840|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-5B4938/2020|2020-06-18|EPI_ISL_558718|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DC6F3/2020|2020-09-21|EPI_ISL_581052|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1258/2020|2020-11-17|EPI_ISL_719995|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B083AA/2020|2020-10-30|EPI_ISL_643880|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0101/2020|2020-06-03|EPI_ISL_495123|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/Wales/PHWC-49E407/2020|2020-12-07|EPI_ISL_743000|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC5107/2020|2020-07-19|EPI_ISL_519910|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/AR-IBV-97010749/2020|2020-10-02|EPI_ISL_779740|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-B6ACAB/2020|2020-11-11|EPI_ISL_655166|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13655/2020|2020-08-20|EPI_ISL_788757|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-95CB74/2020|2020-06-19|EPI_ISL_553471|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0136/2020|2020-03-15|EPI_ISL_569331|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/NY-Wadsworth-46358-01/2020|2020-04-14|EPI_ISL_676846|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-ALSR-1793/2020|2020-05-18|EPI_ISL_512188|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC9635/2020|2020-08-21|EPI_ISL_562746|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/MOS-CRIE-13385721/2020|2020-11-06|EPI_ISL_732672|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiolog

>y|Korneenko|Russia

>Spike|hCoV-19/England/QEUEH-AD2F5B/2020|2020-10-26|EPI_ISL_629894|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12A685/2020|2020-04-30|EPI_ISL_458469|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/ROS-RII-MH2820S/2020|2020-09-24|EPI_ISL_639965|Original|hCoV-19^^Rostov|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUA-B9F548/2020|2020-11-18|EPI_ISL_721036|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4487/2020|2020-06-19|EPI_ISL_543660|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B3FC09/2020|2020-11-08|EPI_ISL_658451|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08596/2020|2020-05-26|EPI_ISL_524343|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NOTT-1112F6/2020|2020-05-11|EPI_ISL_453646|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-419b/2020|2020-07-14|EPI_ISL_586550|Original|hCoV-19^^Gujarat|Human|CCC,Veraval|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/MN-MDH-1338/2020|2020-03-25|EPI_ISL_496924|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-7279/2020|2020-10-12|EPI_ISL_619248|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-98007653/2020|2020-09-10|EPI_ISL_582044|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/BRIS-12332B/2020|2020-04-05|EPI_ISL_442804|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-A1DBE7/2020|2020-09-29|EPI_ISL_587309|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4500/2020|2020-07-14|EPI_ISL_518911|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-95B094/2020|2020-06-15|EPI_ISL_555531|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C88C7/2020|2020-09-10|EPI_ISL_567253|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAF4B2/2020|2020-10-17|EPI_ISL_653026|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4813FB/2020|2020-10-19|EPI_ISL_613066|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9E21F9/2020|2020-09-20|EPI_ISL_581114|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5807/2020|2020-06-28|EPI_ISL_547029|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A86E59/2020|2020-10-16|EPI_ISL_605980|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96E33B/2020|2020-08-20|EPI_ISL_534457|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-367/2020|2020-08-02|EPI_ISL_523707|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-C15F96/2020|2020-12-06|EPI_ISL_709380|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10040/2020|2020-07-06|EPI_ISL_789300|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-A00D0F/2020|2020-10-02|EPI_ISL_584900|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B08058/2020|2020-10-29|EPI_ISL_643364|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB106B/2020|2020-10-23|EPI_ISL_637954|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B66322/2020|2020-11-10|EPI_ISL_661617|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-00744/2020|2020-04-03|EPI_ISL_422462|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/VIC12975/2020|2020-07-28|EPI_ISL_563614|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-6763/2020|2020-06-25|EPI_ISL_546226|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-A00B7E/2020|2020-10-02|EPI_ISL_585553|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-W866/2020|2020-07-14|EPI_ISL_528829|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/QEUEH-C149C6/2020|2020-12-06|EPI_ISL_709565|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CAF41/2020|2020-05-12|EPI_ISL_479244|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-28945C/2020|2020-03-29|EPI_ISL_458667|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI119/2020|2020-03-08|EPI_ISL_429348|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/ALDP-AA383A/2020|2020-10-22|EPI_ISL_624948|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-SC566/2020|2020-05-20|EPI_ISL_663243|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/AZ-TG666165/2020|2020-05-01|EPI_ISL_696245|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-481F51/2020|2020-10-16|EPI_ISL_613188|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-AB215B/2020|2020-10-23|EPI_ISL_623809|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW50/2020|2020-03-08|EPI_ISL_415615|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/QLD1083/2020|2020-03-26|EPI_ISL_593602|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/LIVE-1D2E93/2020|2020-04-01|EPI_ISL_612431|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22596/2020|2020-11-18|EPI_ISL_737169|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/NSW1366/2020|2020-12-24|EPI_ISL_767932|Original|hCoV-19^^New South Wales|Human|Southern. IML Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-DSHS-2032/2020|2020-07-30|EPI_ISL_766681|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-B3B62D/2020|2020-11-01|EPI_ISL_706071|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-992CBB/2020|2020-08-26|EPI_ISL_552154|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BCD30/2020|2020-09-09|EPI_ISL_573072|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486183/2020|2020-10-15|EPI_ISL_639013|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7912/2020|2020-06-30|EPI_ISL_545701|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B7C884/2020|2020-11-14|EPI_ISL_741795|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A4B2CD/2020|2020-10-08|EPI_ISL_637826|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14306/2020|2020-08-24|EPI_ISL_739179|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/UT-UPHL-2012118130/2020|2020-08-08|EPI_ISL_745784|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-5389/2020|2020-08-00|EPI_ISL_690492|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-WSLH-200180/2020|2020-04-06|EPI_ISL_578405|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMB-1AE908/2020|2020-04-29|EPI_ISL_524587|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50257/2020|2020-03-08|EPI_ISL_455895|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-A680EE/2020|2020-10-10|EPI_ISL_609078|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D034/2020|2020-10-14|EPI_ISL_608324|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1425/2020|2020-07-16|EPI_ISL_509197|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Scotland/EDB413/2020|2020-03-29|EPI_ISL_426004|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-CB736D/2020|2020-12-18|EPI_ISL_778185|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24419/2020|2020-03-17|EPI_ISL_419409|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ACE981/2020|2020-10-21|EPI_ISL_629202|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B7A021/2020|2020-11-23|EPI_ISL_724950|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19909/2020|2020-12-07|EPI_ISL_747535|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-113212/2020|2020-09-13|EPI_ISL_540711|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0184/2020|2020-05-09|EPI_ISL_468126|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-BB3669/2020|2020-11-19|EPI_ISL_702638|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9C92C8/2020|2020-09-14|EPI_ISL_576062|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW99/2020|2020-03-12|EPI_ISL_416637|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/PORT-2D3A06/2020|2020-04-17|EPI_ISL_529350|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Guangdong/20SF4051/2020|2020-02-17|EPI_ISL_428463|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/England/205260868/2020|2020-12-20|EPI_ISL_754371|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012527816/2020|2020-12-03|EPI_ISL_747030|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Australia/VIC9614/2020|2020-07-29|EPI_ISL_565626|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-133C5A/2020|2020-08-20|EPI_ISL_529655|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-963372/2020|2020-08-10|EPI_ISL_531786|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/54_37163/2020|2020-03-31|EPI_ISL_447835|unknown|hCoV-19^Athens|Human|unknown|Department of Medicine|Submitter|Greece

>Spike|hCoV-19/England/QEUA-C321BB/2020|2020-12-11|EPI_ISL_782558|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1374/2020|2020-11-13|EPI_ISL_700434|Original|hCoV-19^Western Cape|Human|Plettenberg Bay Clinic w PLC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/ALDP-B76DA9/2020|2020-11-12|EPI_ISL_723811|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8903/2020|2020-10-26|EPI_ISL_625886|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C48307/2020|2020-12-11|EPI_ISL_736642|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-280140/2020|2020-09-08|EPI_ISL_560438|Original|hCoV-19^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Northern Ireland/NIRE-23322A/2020|2020-09-24|EPI_ISL_680268|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Sweden/20-06165/2020|2020-03-23|EPI_ISL_452230|Original|hCoV-19^Vastra Gotaland|Human|Narhalsan Backa vardcentral|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/MA-MGH-01018/2020|2020-04-30|EPI_ISL_791845|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-A9384C/2020|2020-10-20|EPI_ISL_611045|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11158/2020|2020-11-02|EPI_ISL_670426|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2615/2020|2020-08-17|EPI_ISL_617852|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201121906/2020|2020-04-23|EPI_ISL_634898|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-B8780E/2020|2020-11-13|EPI_ISL_724803|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B62C49/2020|2020-11-08|EPI_ISL_655511|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-162/2020|2020-03-23|EPI_ISL_460057|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Hong Kong/VM20072469/2020|2020-07-23|EPI_ISL_602601|Original|hCoV-19^Hong Kong|Human|Tseung Kwan O Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Spain/PV-IBV-000754/2020|2020-03-10|EPI_ISL_452735|Original|hCoV-19^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-UM-10036535365/2020|2020-10-20|EPI_ISL_640148|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/UT-01888/2020|2020-04-13|EPI_ISL_470743|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/AZ-TG274748/2020|2020-04-07|EPI_ISL_694068|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-83FEA/2020|2020-04-27|EPI_ISL_438721|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/PORT-2E9C43/2020|2020-00-00|EPI_ISL_706875|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-128/2020|2020-12-22|EPI_ISL_746835|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/USA/LA-EVTL648/2020|2020-08-06|EPI_ISL_579052|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/South Africa/LR00105/2020|2020-07-15|EPI_ISL_514402|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/MILK-C52F42/2020|2020-12-12|EPI_ISL_736214|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483A12/2020|2020-10-20|EPI_ISL_627884|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-QDX-1288/2020|2020-03-16|EPI_ISL_571927|Original|hCoV-19^^Hawaii|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/EDB6740/2020|2020-04-13|EPI_ISL_491618|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-4222420/2020|2020-04-06|EPI_ISL_581683|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Switzerland/BS-UHB-42197025/2020|2020-03-18|EPI_ISL_528202|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/WI-UW-1358/2020|2020-09-08|EPI_ISL_536729|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MD-MDH-0407/2020|2020-11-05|EPI_ISL_666777|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Northern Ireland/QEUI-5E535E/2020|2020-06-17|EPI_ISL_533281|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S626/2020|2020-04-18|EPI_ISL_438179|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/WI-UW-2595/2021|2021-01-01|EPI_ISL_791112|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Ireland/D-NVRL-20G35482/2020|2020-03-20|EPI_ISL_605118|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/USA/TX-DSHS-0237/2020|2020-04-25|EPI_ISL_525788|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LIVE-99400/2020|2020-04-08|EPI_ISL_439720|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Portugal/PT0858/2020|2020-03-27|EPI_ISL_511117|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-A6D377/2020|2020-10-15|EPI_ISL_608277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG480916/2020|2020-07-08|EPI_ISL_695069|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-A9F9C5/2020|2020-10-20|EPI_ISL_651143|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2081/2020|2020-04-11|EPI_ISL_456367|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Scotland/EDB4438/2020|2020-05-04|EPI_ISL_493900|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-9D52D8/2020|2020-09-18|EPI_ISL_637781|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B6AA/2020|2020-12-03|EPI_ISL_742368|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-E7272/2020|2020-04-19|EPI_ISL_449015|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC2831/2020|2020-07-01|EPI_ISL_521662|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-1485/2020|2020-05-06|EPI_ISL_468436|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/NM-NMDOH-2020135000/2020|2020-06-18|EPI_ISL_535287|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/India/DL-SK-IGIB-CSIR-IGIB/2020|2020-08-10|EPI_ISL_636832|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/USA/NM-NMDOH-2020320996/2020|2020-09-01|EPI_ISL_632823|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/QEUEH-969F69/2020|2020-08-12|EPI_ISL_530820|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-946CC5/2020|2020-07-14|EPI_ISL_556807|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1155/2020|2020-05-07|EPI_ISL_459204|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-004091/2020|2020-04-17|EPI_ISL_510050|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Russia/MOS-CRIE-13677408/2020|2020-11-09|EPI_ISL_745229|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiolog
>y|Korneenko|Russia
>Spike|hCoV-19/England/ALDP-9315C2/2020|2020-06-21|EPI_ISL_552816|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/OV-RIVM-20464/2020|2020-11-17|EPI_ISL_728679|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Scotland/EDB9503/2020|2020-10-25|EPI_ISL_650815|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/Scotland/GCVR-171036/2020|2020-03-27|EPI_ISL_459701|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20119073604/2020|2020-03-13|EPI_ISL_465101|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/South Africa/N00089/2020|2020-08-06|EPI_ISL_623039|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/Spain/VC-FISABIO-105/2020|2020-03-18|EPI_ISL_436200|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/Scotland/QEUEH-9F6CE2/2020|2020-09-27|EPI_ISL_595625|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14217/2020|2020-11-30|EPI_ISL_711631|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/BRIS-1256E4/2020|2020-03-28|EPI_ISL_443783|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/QEUEH-95DE6B/2020|2020-08-07|EPI_ISL_537036|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-9EC58A/2020|2020-09-24|EPI_ISL_580499|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/India/MH-NIV-155669/2020|2020-08-08|EPI_ISL_541705|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India
>Spike|hCoV-19/USA/FL-BPHL-1503/2020|2020-07-23|EPI_ISL_568601|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/MILK-B56AF3/2020|2020-11-05|EPI_ISL_656955|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB1437/2020|2020-04-12|EPI_ISL_433448|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/TX-DSHS-1858/2020|2020-06-24|EPI_ISL_745294|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Northern Ireland/QEUI-96D5AF/2020|2020-08-20|EPI_ISL_530792|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB36B4/2020|2020-11-19|EPI_ISL_693332|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3715/2020|2020-09-03|EPI_ISL_590987|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Denmark/DCGC-18538/2020|2020-12-07|EPI_ISL_750028|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-11284E/2020|2020-04-14|EPI_ISL_493552|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16491D/2020|2020-06-09|EPI_ISL_479323|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2270/2020|2020-05-14|EPI_ISL_510608|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/MI-MDHHS-SC21303/2020|2020-04-07|EPI_ISL_507558|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-C965C/2020|2020-04-18|EPI_ISL_462040|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-AA5179/2020|2020-10-22|EPI_ISL_624178|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0777/2020|2020-06-11|EPI_ISL_526891|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-13322/2020|2020-11-30|EPI_ISL_712264|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A068DB/2020|2020-10-01|EPI_ISL_599919|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC5AA/2020|2020-11-28|EPI_ISL_724517|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-9F9915/2020|2020-09-25|EPI_ISL_589102|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-649/2020|2020-09-14|EPI_ISL_700279|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-15574/2020|2020-10-26|EPI_ISL_787058|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-QDX-2005/2020|2020-03-17|EPI_ISL_604302|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-DC6D3F/2020|2020-11-27|EPI_ISL_705387|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NOTT-11368F/2020|2020-09-13|EPI_ISL_549371|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/IL-UW-627/2020|2020-06-26|EPI_ISL_491308|Original|hCoV-19^^Iowa|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Brazil/RS-00661/2020|2020-11-26|EPI_ISL_770604|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/CAMC-A647CF/2020|2020-10-10|EPI_ISL_608868|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2258/2020|2020-11-07|EPI_ISL_723505|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/BRIS-1283EA/2020|2020-04-16|EPI_ISL_469564|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-2100/2020|2020-04-16|EPI_ISL_541353|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/MN-MDH-1683/2020|2020-04-08|EPI_ISL_560770|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-A7D286/2020|2020-10-13|EPI_ISL_606558|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/587/2020|2020-03-27|EPI_ISL_483610|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/NORT-282787/2020|2020-03-27|EPI_ISL_488482|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A70827/2020|2020-10-15|EPI_ISL_608262|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-1116/2020|2020-07-09|EPI_ISL_574570|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/England/ALDP-4FBAAC/2020|2020-06-23|EPI_ISL_559160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11312/2020|2020-08-14|EPI_ISL_563325|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/PV-IBV-2157/2020|2020-04-12|EPI_ISL_468937|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/LA-BIE-092/2020|2020-04-05|EPI_ISL_436959|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/England/ALDP-5B4859/2020|2020-06-18|EPI_ISL_558784|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1989/2020|2020-09-26|EPI_ISL_677397|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00237113/2020|2020-03-25|EPI_ISL_536164|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/India/DL-NCDC5723-CSIR-IGIB/2020|2020-05-23|EPI_ISL_482611|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/ALDP-BB562B/2020|2020-11-20|EPI_ISL_701921|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-04/2020|2020-03-15|EPI_ISL_416491|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Braun|USA

>Spike|hCoV-19/England/LIVE-A61DC/2020|2020-03-21|EPI_ISL_499692|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15106/2020|2020-11-23|EPI_ISL_713633|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW2508/2020|2020-07-04|EPI_ISL_527029|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/MILK-4691FF/2020|2020-05-22|EPI_ISL_559738|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957AD6/2020|2020-06-11|EPI_ISL_554152|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3929/2020|2020-07-00|EPI_ISL_692180|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-A5E3E2/2020|2020-10-12|EPI_ISL_597322|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5735/2020|2020-08-00|EPI_ISL_688855|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-15996/2020|2020-07-10|EPI_ISL_785680|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-7065/2020|2020-06-28|EPI_ISL_546475|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-12-23/2020|2020-06-07|EPI_ISL_523007|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/United Arab Emirates/0399/2020|2020-05-19|EPI_ISL_698574|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-4833DB/2020|2020-10-23|EPI_ISL_627813|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA5319/2020|2020-10-21|EPI_ISL_625015|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96B3A7/2020|2020-08-17|EPI_ISL_534652|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00877/2020|2020-10-13|EPI_ISL_692855|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/CAMB-77778/2020|2020-03-30|EPI_ISL_439457|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-C14EE5/2020|2020-12-06|EPI_ISL_709336|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-SR0161/2020|2020-03-28|EPI_ISL_435464|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-A1DACC/2020|2020-09-29|EPI_ISL_587409|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-170122/2020|2020-09-04|EPI_ISL_746710|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/TX-HMH-MCoV-9353/2020|2020-07-03|EPI_ISL_781074|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BA9DDA/2020|2020-11-17|EPI_ISL_783198|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53904/2020|2020-12-16|EPI_ISL_789056|Original|hCoV-19^^Stockholm|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/BRIS-185373B/2020|2020-04-13|EPI_ISL_492267|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26544563/2020|2020-04-18|EPI_ISL_485137|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/QEUA-A4BCCF/2020|2020-10-05|EPI_ISL_628522|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-9F5ABC/2020|2020-09-27|EPI_ISL_588332|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8603/2020|2020-10-22|EPI_ISL_651978|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4253/2020|2020-06-18|EPI_ISL_543465|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS5453199/2020|2020-12-01|EPI_ISL_770934|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-160489/2020|2020-05-24|EPI_ISL_472937|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201021581/2020|2020-04-18|EPI_ISL_594110|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/20189164301/2020|2020-05-01|EPI_ISL_465568|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2549/2020|2020-03-12|EPI_ISL_604864|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR2784/2020|2020-04-20|EPI_ISL_473564|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9D95BD/2020|2020-09-18|EPI_ISL_576743|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF616/2020|2020-10-23|EPI_ISL_631148|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8287433/2020|2020-11-02|EPI_ISL_744712|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-AA01BA/2020|2020-10-19|EPI_ISL_611484|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3274/2020|2020-07-07|EPI_ISL_520953|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B36947/2020|2020-11-05|EPI_ISL_645524|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC233b/2020|2020-06-12|EPI_ISL_476875|Original|hCoV-19^^Gujarat|Human|Department of MicroBiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMB-7C37F/2020|2020-04-14|EPI_ISL_434033|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-59A974/2020|2020-06-15|EPI_ISL_558350|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15583/2020|2020-10-25|EPI_ISL_787067|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MGH-00580/2020|2020-03-28|EPI_ISL_460273|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/MILK-ACD463/2020|2020-10-22|EPI_ISL_634356|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B6C7D5/2020|2020-11-10|EPI_ISL_655735|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9D5144/2020|2020-09-15|EPI_ISL_577049|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-A6A5A1/2020|2020-10-09|EPI_ISL_627512|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18518/2020|2020-12-07|EPI_ISL_750017|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Mexico/GUA-INDRE-20/2020|2020-04-02|EPI_ISL_493335|Original|hCoV-19^^Guanajuato|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/Italy/LAZ-INMI-131/2020|2020-12-21|EPI_ISL_765569|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/USA/CA-CDPH124/2020|2020-09-21|EPI_ISL_754951|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0030/2020|2020-08-19|EPI_ISL_640031|Original|hCoV-19^^Western Cape|Human|Beaufort West Hospital w/BWH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Denmark/DCGC-9734/2020|2020-11-09|EPI_ISL_669135|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4067/2020|2020-08-31|EPI_ISL_535158|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Hungary/MH-6074/2020|2020-04-30|EPI_ISL_526219|Original|hCoV-19^^Pest county|Human|Hungarian Defence Forces Military Medical Centre|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/MI-MDHHS-SC21860/2020|2020-05-10|EPI_ISL_565903|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/SAP170/2020|2020-03-13|EPI_ISL_467985|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Australia/VIC17532/2020|2020-08-19|EPI_ISL_663911|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-000839/2020|2020-03-29|EPI_ISL_632216|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-BAFEC2/2020|2020-11-17|EPI_ISL_720584|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21797/2020|2020-12-21|EPI_ISL_758368|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-02482/2020|2020-09-00|EPI_ISL_671603|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMC-B211B0/2020|2020-11-03|EPI_ISL_647475|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-129167/2020|2020-04-19|EPI_ISL_458782|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0375/2020|2020-03-31|EPI_ISL_434964|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/CL-IBV-97006208/2020|2020-04-13|EPI_ISL_537354|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/NSW241/2020|2020-03-25|EPI_ISL_451507|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-BFF4B2/2020|2020-12-02|EPI_ISL_720890|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D068/2020|2020-12-10|EPI_ISL_730961|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200091/2020|2020-06-21|EPI_ISL_752658|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-6381/2020|2020-08-00|EPI_ISL_689491|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-BC7565/2020|2020-11-22|EPI_ISL_721226|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9644F6/2020|2020-08-11|EPI_ISL_536819|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A60F9E/2020|2020-10-13|EPI_ISL_665618|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Iran/K1r-64/2020|2020-03-25|EPI_ISL_568498|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/England/QEUA-AD1DCB/2020|2020-10-24|EPI_ISL_629964|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A8C5F/2020|2020-04-01|EPI_ISL_539090|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012683062/2020|2020-06-19|EPI_ISL_746458|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/NY-SBU-A58597/2020|2020-04-25|EPI_ISL_602563|Original|hCoV-19^^New York|Human|Department of Microbiology and Immunology|Department of Microbiology and Immunology|Nascimento Conde|USA

>Spike|hCoV-19/Denmark/DCGC-4126/2020|2020-09-21|EPI_ISL_621946|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7C436/2020|2020-10-15|EPI_ISL_606572|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010951/2020|2020-08-25|EPI_ISL_732782|Original|hCoV-19^^La_Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Malaysia/MGI-G873/2020|2020-04-07|EPI_ISL_528738|Original|hCoV-19^^Selangor|Human|Malaysia Genome Institute|Malaysia Genome Institute|Mat Isa|Malaysia

>Spike|hCoV-19/Wuhan/HB-WH3-185/2020|2020-03-15|EPI_ISL_454945|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/TX-HMH-4013/2020|2020-06-16|EPI_ISL_543295|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1268/2020|2020-03-10|EPI_ISL_482989|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-991ED4/2020|2020-08-27|EPI_ISL_552085|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-323/2020|2020-10-07|EPI_ISL_632655|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-A1EDD1/2020|2020-10-01|EPI_ISL_598861|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-3978/2020|2020-10-02|EPI_ISL_636341|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Switzerland/BS-UHB-42200965/2020|2020-03-20|EPI_ISL_528280|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-CZB-12795/2020|2020-10-14|EPI_ISL_648450|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Switzerland/BS-ETHZ-321468/2020|2020-10-14|EPI_ISL_603682|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-15073/2020|2020-11-23|EPI_ISL_713619|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Morocco/6899/2020|2020-04-21|EPI_ISL_459977|Original|hCoV-19^^Morocco|Human|Institut Pasteur du Maroc|Institut Pasteur du Maroc|Enouf|Morocco

>Spike|hCoV-19/USA/FL-BPHL-017/2020|2020-04-08|EPI_ISL_436521|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MN-MDH-1933/2020|2020-10-06|EPI_ISL_613493|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/United Arab Emirates/0518/2020|2020-05-18|EPI_ISL_698681|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-17822/2020|2020-12-14|EPI_ISL_749586|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-16177/2020|2020-11-30|EPI_ISL_739348|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/EXET-13F386/2020|2020-12-16|EPI_ISL_764196|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B74F3C/2020|2020-11-12|EPI_ISL_664916|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/BIRM-5F794/2020|2020-05-11|EPI_ISL_473329|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/WA-S2871/2020|2020-09-22|EPI_ISL_596402|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WI-GMF-31613/2020|2020-11-05|EPI_ISL_661102|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-UW-4210/2020|2020-03-31|EPI_ISL_437821|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-1BD64B/2020|2020-11-30|EPI_ISL_764325|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC2205/2020|2020-06-25|EPI_ISL_521947|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20230/2020|2020-03-18|EPI_ISL_447200|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Latvia/061/2020|2020-07-07|EPI_ISL_492996|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Australia/VIC355/2020|2020-03-21|EPI_ISL_426663|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC4930/2020|2020-07-14|EPI_ISL_519304|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4895FD/2020|2020-10-28|EPI_ISL_639594|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Saudi Arabia/85790/2020|2020-03-15|EPI_ISL_469245|Original|hCoV-19^^Jeddah|Human|Special Infectious Agents Unit|Special Infectious Agents Unit|Submitter|Saudi Arabia

>Spike|hCoV-19/Wales/PHWC-491149/2020|2020-11-10|EPI_ISL_706616|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/225/2020|2020-03-16|EPI_ISL_417554|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-9ED282/2020|2020-05-05|EPI_ISL_589490|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42188149/2020|2020-03-12|EPI_ISL_528033|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-9BEDB6/2020|2020-09-10|EPI_ISL_568073|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B75FD1/2020|2020-11-12|EPI_ISL_723721|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-BF0B8F/2020|2020-12-05|EPI_ISL_709190|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD2771/2020|2020-10-24|EPI_ISL_629785|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20130087004/2020|2020-03-20|EPI_ISL_423673|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12845/2020|2020-08-19|EPI_ISL_787998|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-96E052/2020|2020-08-18|EPI_ISL_530458|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG305735/2020|2020-04-27|EPI_ISL_694259|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/AZ-TG491470/2020|2020-06-17|EPI_ISL_695105|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/FL-BPHL-0285/2020|2020-05-13|EPI_ISL_480936|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-5711/2020|2020-06-29|EPI_ISL_546961|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9705B8/2020|2020-08-18|EPI_ISL_553237|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C307D9/2020|2020-12-07|EPI_ISL_782935|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-937C7C/2020|2020-06-21|EPI_ISL_552881|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14412/2020|2020-10-07|EPI_ISL_787697|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B32C9D/2020|2020-11-05|EPI_ISL_659713|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18079/2020|2020-11-15|EPI_ISL_784427|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-1113D5/2020|2020-05-15|EPI_ISL_453658|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3830/2020|2020-07-21|EPI_ISL_548451|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/France/PAC-IHU-1169/2020|2020-08-14|EPI_ISL_569072|Original|hCoV-19^^Provence-Alpes-C\00f4te-d\02019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Australia/VIC1603/2020|2020-05-11|EPI_ISL_456515|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory

(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Ireland/KE-NVRL-73IRL13514/2020|2020-09-16|EPI_ISL_578288|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/Wales/PHWC-493790/2020|2020-11-29|EPI_ISL_725939|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/205141686/2020|2020-12-15|EPI_ISL_766223|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48BD20/2020|2020-11-03|EPI_ISL_666349|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/EDB1730/2020|2020-04-15|EPI_ISL_433130|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/CAMC-C45F06/2020|2020-12-10|EPI_ISL_718532|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2257/2020|2020-05-12|EPI_ISL_510595|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/England/SHEF-10D2C97/2020|2020-12-18|EPI_ISL_742048|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/LOND-D622B/2020|2020-04-20|EPI_ISL_482167|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18995/2020|2020-12-07|EPI_ISL_748186|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/HI-H200294/2020|2020-08-11|EPI_ISL_752853|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/England/MILK-CA9FD3/2020|2020-12-17|EPI_ISL_761587|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC11975/2020|2020-08-11|EPI_ISL_640924|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-A93A0A/2020|2020-10-19|EPI_ISL_611223|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-108CB8/2020|2020-10-05|EPI_ISL_627550|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/England/ALDP-9CCD97/2020|2020-09-16|EPI_ISL_566146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-7270/2020|2020-06-29|EPI_ISL_546639|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/VIC12277/2020|2020-08-08|EPI_ISL_591946|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/CT-QDX-2695/2020|2020-03-16|EPI_ISL_605023|Original|hCoV-19^^Connecticut|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/ALDP-B45B21/2020|2020-11-07|EPI_ISL_656322|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26492443/2020|2020-04-28|EPI_ISL_485026|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Scotland/EDB5077/2020|2020-04-23|EPI_ISL_487820|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B51C01/2020|2020-11-09|EPI_ISL_657994|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15413/2020|2020-11-23|EPI_ISL_713812|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B83B45/2020|2020-11-14|EPI_ISL_675650|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00028/2020|2020-03-25|EPI_ISL_460469|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Australia/VIC5281/2020|2020-07-17|EPI_ISL_520046|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-5518/2020|2020-09-21|EPI_ISL_620843|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10499/2020|2020-11-02|EPI_ISL_670018|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A81D60/2020|2020-10-13|EPI_ISL_610727|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14092/2020|2020-08-14|EPI_ISL_787378|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-2179/2020|2020-08-19|EPI_ISL_653332|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11476/2020|2020-09-03|EPI_ISL_790028|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0083/2020|2020-04-13|EPI_ISL_515360|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/WA-UW-22757/2020|2020-08-06|EPI_ISL_570712|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Gibraltar/204421216/2020|2020-10-27|EPI_ISL_613677|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUEH-C31BCD/2020|2020-12-11|EPI_ISL_782530|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012523098/2020|2020-08-03|EPI_ISL_745751|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUEH-B135A6/2020|2020-11-03|EPI_ISL_649608|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499606/2020|2020-12-04|EPI_ISL_727331|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-28937D/2020|2020-03-29|EPI_ISL_458693|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20870/2020|2020-12-21|EPI_ISL_759420|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5602/2020|2020-08-00|EPI_ISL_688727|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B8493B/2020|2020-11-14|EPI_ISL_675206|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8A4C/2020|2020-04-11|EPI_ISL_448267|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D2016-5933/2020|2020-10-18|EPI_ISL_753901|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Wales/PHWC-16F323/2020|2020-10-05|EPI_ISL_585948|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12A2DC/2020|2020-04-16|EPI_ISL_458396|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB40A4/2020|2020-10-19|EPI_ISL_650331|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-251944-01/2020|2020-10-22|EPI_ISL_734390|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/OXON-AC789/2020|2020-04-07|EPI_ISL_448482|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-A64FE5/2020|2020-10-11|EPI_ISL_608447|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5072/2020|2020-10-11|EPI_ISL_594805|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/AN-ISCI-201616/2020|2020-03-05|EPI_ISL_455319|Original|hCoV-19^^Andalucia|Human|Hospital Virgen de las Nieves|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/LIVE-DC9CB7/2020|2020-12-03|EPI_ISL_705347|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Greece/9057_HPI/2020|2020-04-04|EPI_ISL_487379|Original|hCoV-19^^Athens|Human|Hellenic Pasteur Institute|Hellenic Pasteur Institute|Kosyvakis|Greece

>Spike|hCoV-19/Wales/PHWC-49A5CC/2020|2020-12-02|EPI_ISL_727569|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC191/2020|2020-04-01|EPI_ISL_427486|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-MH10285M/2020|2020-11-12|EPI_ISL_733489|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-A5948A/2020|2020-10-08|EPI_ISL_596954|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR6021/2020|2020-11-29|EPI_ISL_680458|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-1B616F/2020|2020-09-17|EPI_ISL_573149|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-1DDFD1/2020|2020-10-09|EPI_ISL_611675|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-597072/2020|2020-06-13|EPI_ISL_558241|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14141/2020|2020-09-20|EPI_ISL_591815|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B9E8B9/2020|2020-11-18|EPI_ISL_719832|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4326/2020|2020-03-31|EPI_ISL_427263|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-47F7C7/2020|2020-10-09|EPI_ISL_612725|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2972/2020|2020-08-24|EPI_ISL_616734|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0285/2020|2020-03-26|EPI_ISL_438111|Original|hCoV-19^^Burgenland|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Spain/MD-HLP-56/2020|2020-04-20|EPI_ISL_530059|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Taiwan/CGMH-CGU-29/2020|2020-04-02|EPI_ISL_464093|Vero E6|hCoV-19^^Taoyuan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan

>Spike|hCoV-19/Japan/PG-1042/2020|2020-04-00|EPI_ISL_684652|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204261293/2020|2020-10-15|EPI_ISL_613582|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1036-SAN/2020|2020-06-21|EPI_ISL_483476|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/EDB4546/2020|2020-05-05|EPI_ISL_461720|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMB-74016/2020|2020-03-18|EPI_ISL_440303|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-864/2020|2020-03-30|EPI_ISL_582345|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/BIRM-62901/2020|2020-08-21|EPI_ISL_529628|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18842/2020|2020-11-25|EPI_ISL_785161|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0105/2020|2020-05-15|EPI_ISL_698295|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-21334/2020|2020-12-21|EPI_ISL_759686|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-13E536/2020|2020-00-00|EPI_ISL_724327|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2335/2020|2020-08-10|EPI_ISL_617673|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/ALDP-9FDD42/2020|2020-10-01|EPI_ISL_600523|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4347/2020|2020-07-13|EPI_ISL_519643|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1945/2020|2020-06-02|EPI_ISL_497373|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/LA-EVTL318/2020|2020-05-15|EPI_ISL_578725|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/VIC15232/2020|2020-08-04|EPI_ISL_593208|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0225/2020|2020-05-17|EPI_ISL_698175|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/LA-EVTL022/2020|2020-04-24|EPI_ISL_435560|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-B4230E/2020|2020-11-08|EPI_ISL_657336|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6331/2020|2020-06-29|EPI_ISL_547395|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NA_553/2020|2020-03-19|EPI_ISL_460721|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MGH-00521/2020|2020-03-16|EPI_ISL_460224|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/India/GJ-GBRC348a/2020|2020-06-18|EPI_ISL_514591|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/NSW1314/2020|2020-12-21|EPI_ISL_767880|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-2758/2020|2020-08-24|EPI_ISL_616592|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/LU-ETHZ-110029/2020|2020-04-01|EPI_ISL_486466|Original|hCoV-19^^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-AFCO-15275/2020|2020-07-25|EPI_ISL_721632|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/MILK-B54B5C/2020|2020-11-05|EPI_ISL_657981|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65403/2020|2020-10-11|EPI_ISL_608359|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C48440/2020|2020-12-12|EPI_ISL_736562|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200584/2020|2020-11-04|EPI_ISL_753110|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/DRC/81/2020|2020-03-18|EPI_ISL_417944|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/England/CAMC-B9971B/2020|2020-11-16|EPI_ISL_673705|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163389/2020|2020-04-24|EPI_ISL_473285|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9F88EC/2020|2020-09-27|EPI_ISL_588733|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB901/2020|2020-04-05|EPI_ISL_432873|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9291/2020|2020-11-16|EPI_ISL_668889|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CD1DF/2020|2020-04-23|EPI_ISL_453749|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-A47425/2020|2020-10-06|EPI_ISL_598471|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0205/2020|2020-07-09|EPI_ISL_569889|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/India/DL-NCDC2004-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482524|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/USA/VA-DCLS-1621/2020|2020-08-19|EPI_ISL_614028|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Luxembourg/LNS9459476/2020|2020-10-27|EPI_ISL_744919|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-20982/2020|2020-12-21|EPI_ISL_759488|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-1827/2020|2020-07-27|EPI_ISL_526040|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/UT-02234/2020|2020-04-14|EPI_ISL_436931|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/204241459/2020|2020-10-14|EPI_ISL_622854|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11278/2020|2020-11-02|EPI_ISL_670809|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-921/2020|2020-04-17|EPI_ISL_545920|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9F480E/2020|2020-09-27|EPI_ISL_588365|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC396/2020|2020-04-11|EPI_ISL_430423|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Romania/ROSV_4995/2020|2020-04-27|EPI_ISL_491080|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/England/MILK-C62D18/2020|2020-12-13|EPI_ISL_735681|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3460/2020|2020-08-31|EPI_ISL_616224|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99D755/2020|2020-08-31|EPI_ISL_549913|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F918378/2020|2020-03-30|EPI_ISL_593951|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Norway/3143/2020|2020-08-09|EPI_ISL_549044|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Turkey/Ankara_GUMV_22790/2020|2020-08-26|EPI_ISL_730571|Original|hCoV-19^^Ankara|Human|Gazi University Faculty of Medicine|Gazi University Faculty of Medicine|Sahin|Turkey

>Spike|hCoV-19/England/ALDP-C57F4D/2020|2020-12-14|EPI_ISL_736189|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EB00B/2020|2020-04-30|EPI_ISL_457405|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-B83671/2020|2020-11-15|EPI_ISL_675213|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10504/2020|2020-07-08|EPI_ISL_789504|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9ED158/2020|2020-05-05|EPI_ISL_589364|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1255/2020|2020-06-09|EPI_ISL_482976|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-9A9237/2020|2020-08-31|EPI_ISL_551277|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3242/2020|2020-04-00|EPI_ISL_691358|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-ACFC3C/2020|2020-10-22|EPI_ISL_652128|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-F9FC1/2020|2020-12-14|EPI_ISL_741606|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002351/2020|2020-07-21|EPI_ISL_515723|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/India/MH-NIV-10435/2020|2020-04-16|EPI_ISL_541683|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/Malaysia/IMR-WC272624/2020|2020-11-12|EPI_ISL_728247|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/USA/MN-GMF-28226/2020|2020-10-27|EPI_ISL_661013|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/United Arab Emirates/L5621/2020|2020-03-11|EPI_ISL_435136|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/India/UP-NBRI-N14-TCR324/2020|2020-04-02|EPI_ISL_516943|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/England/QEUEH-9F322F/2020|2020-09-23|EPI_ISL_588502|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0488/2020|2020-04-23|EPI_ISL_626428|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8360/2020|2020-07-07|EPI_ISL_784351|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/QEUEH-95E978/2020|2020-08-06|EPI_ISL_532427|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-74641/2020|2020-03-20|EPI_ISL_425318|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-6340/2020|2020-08-00|EPI_ISL_689451|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB2278/2020|2020-04-21|EPI_ISL_491507|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491AC6/2020|2020-11-10|EPI_ISL_706738|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Norway/5885/2020|2020-11-13|EPI_ISL_775346|Original|hCoV-19^^Vestland|Human|Department of medical microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Denmark/DCGC-8973/2020|2020-10-26|EPI_ISL_626190|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-491E33/2020|2020-11-16|EPI_ISL_706785|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-4996AC/2020|2020-05-27|EPI_ISL_559432|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC8A1B/2020|2020-10-22|EPI_ISL_629616|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-005331/2020|2020-03-17|EPI_ISL_510209|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Israel/CVL-46381/2020|2020-12-15|EPI_ISL_745070|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/QEUEH-9DC769/2020|2020-09-19|EPI_ISL_581024|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4FC786/2020|2020-06-23|EPI_ISL_559137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7248/2020|2020-10-12|EPI_ISL_619098|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/MB-NML-1141/2020|2020-08-03|EPI_ISL_582471|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Denmark/DCGC-4592/2020|2020-09-21|EPI_ISL_622261|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16B6D3/2020|2020-09-17|EPI_ISL_573889|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA522/2020|2020-09-24|EPI_ISL_579947|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47FD01/2020|2020-10-13|EPI_ISL_612800|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08719/2020|2020-05-21|EPI_ISL_524776|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Saudi Arabia/562/2020|2020-02-16|EPI_ISL_490003|Original|hCoV-19^^Saudi Arabia|Human|King Fahad Medical City|King Fahad Medical City|Naeem|Saudi Arabia

>Spike|hCoV-19/USA/NY-Wadsworth-289756-01/2020|2020-12-21|EPI_ISL_767503|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/NOTT-113BCC/2020|2020-09-28|EPI_ISL_573466|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Belgium/reg-0417510/2020|2020-04-17|EPI_ISL_734602|Original|hCoV-19^^Gent|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CZB-2353/2020|2020-05-13|EPI_ISL_513800|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Latvia/065/2020|2020-07-09|EPI_ISL_493000|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/TX-HMH-6881/2020|2020-06-25|EPI_ISL_546316|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S745/2020|2020-04-13|EPI_ISL_449915|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-520032/2020|2020-06-02|EPI_ISL_559064|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14869/2020|2020-10-13|EPI_ISL_786353|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1996/2020|2020-07-20|EPI_ISL_618297|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Poland/PL_MCB_50/2020|2020-05-10|EPI_ISL_645049|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland

>Spike|hCoV-19/USA/MN-QDX-2054/2020|2020-03-15|EPI_ISL_604355|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-3555/2020|2020-08-31|EPI_ISL_616348|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/HI-H200217/2020|2020-08-10|EPI_ISL_752776|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Scotland/QEUH-9AE43C/2020|2020-09-05|EPI_ISL_638907|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-8361/2020|2020-07-00|EPI_ISL_687460|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C50BC/2020|2020-04-18|EPI_ISL_462017|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF27B7/2020|2020-10-30|EPI_ISL_662677|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D8E77/2020|2020-09-18|EPI_ISL_576678|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA316B/2020|2020-11-18|EPI_ISL_672786|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A52560/2020|2020-10-07|EPI_ISL_598018|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7363/2020|2020-07-21|EPI_ISL_564360|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B41123/2020|2020-11-08|EPI_ISL_658432|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036819118/2020|2020-11-06|EPI_ISL_728396|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Belgium/reg-10181068/2020|2020-10-18|EPI_ISL_735108|Original|hCoV-19^^Sint-Stevens-Woluwe|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-ALSR-3259/2020|2020-09-05|EPI_ISL_635935|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-120221/2020|2020-04-30|EPI_ISL_468284|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Sweden/20-08044/2020|2020-03-09|EPI_ISL_454439|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUEH-9C98E4/2020|2020-09-10|EPI_ISL_567468|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B0350/2020|2020-05-01|EPI_ISL_459253|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28A5F/2020|2020-04-02|EPI_ISL_445391|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-213738-01/2020|2020-09-09|EPI_ISL_765501|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-A592CC/2020|2020-10-07|EPI_ISL_597226|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9520/2020|2020-08-19|EPI_ISL_565584|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-WCMP5H02P/2020|2020-03-13|EPI_ISL_427542|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/USA/IA-GMF-21220/2020|2020-09-19|EPI_ISL_660829|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUA-A9B668/2020|2020-10-20|EPI_ISL_611451|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACDB9B/2020|2020-10-21|EPI_ISL_630072|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-784DA/2020|2020-04-06|EPI_ISL_433742|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-A47BD5/2020|2020-10-05|EPI_ISL_598345|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Oman/24774/2020|2020-04-17|EPI_ISL_491151|Original|hCoV-19^^South Batinah|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/Hong Kong/VM20001776/2020|2020-01-29|EPI_ISL_409002|Original|hCoV-19^^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/USA/AZ-TG670178/2020|2020-04-29|EPI_ISL_696375|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Uruguay/BUN-M151/2020|2020-07-20|EPI_ISL_751185|Original|hCoV-19^^Bella Union|Human|CENUR Litoral Norte \u2013 UdelaR|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/USA/MI-MDHHS-SC20268/2020|2020-03-27|EPI_ISL_447066|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-UM-10036818548/2020|2020-11-06|EPI_ISL_728435|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Austria/CeMM0993/2020|2020-04-11|EPI_ISL_583837|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/South Africa/LR00022/2020|2020-07-02|EPI_ISL_515151|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Singapore/1047/2020|2020-03-22|EPI_ISL_574532|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/20118087504/2020|2020-03-12|EPI_ISL_464946|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21192/2020|2020-03-30|EPI_ISL_507449|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMB-1B0086/2020|2020-00-00|EPI_ISL_448105|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WY-WYPHL007/2020|2020-03-15|EPI_ISL_421544|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/CA-ALSR-5032/2020|2020-12-02|EPI_ISL_730303|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10892/2020|2020-07-09|EPI_ISL_789673|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Austria/CeMM0875/2020|2020-04-30|EPI_ISL_583738|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/VA-DCLS-0092/2020|2020-04-01|EPI_ISL_429989|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Switzerland/BS-42216240/2020|2020-04-01|EPI_ISL_581669|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-B859EF/2020|2020-11-14|EPI_ISL_675833|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76445/2020|2020-03-30|EPI_ISL_438273|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22532/2020|2020-12-14|EPI_ISL_757620|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201117690/2020|2020-04-09|EPI_ISL_623195|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-3394/2020|2020-08-31|EPI_ISL_616153|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/205190041/2020|2020-12-18|EPI_ISL_791218|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A2A0/2020|2020-11-15|EPI_ISL_673521|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6154/2020|2020-07-22|EPI_ISL_518163|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A4D4E3/2020|2020-10-05|EPI_ISL_628602|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/OXON-AF416/2020|2020-04-13|EPI_ISL_478736|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-006427/2020|2020-04-01|EPI_ISL_510141|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-8C95B1/2020|2020-06-27|EPI_ISL_556619|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6011/2020|2020-07-23|EPI_ISL_518786|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG569502/2020|2020-07-10|EPI_ISL_695586|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18293/2020|2020-11-17|EPI_ISL_784641|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B9DB3/2020|2020-10-31|EPI_ISL_651557|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012405767/2020|2020-08-11|EPI_ISL_745932|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/AZ-TG654314/2020|2020-04-12|EPI_ISL_695969|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUA-A3141F/2020|2020-10-05|EPI_ISL_595886|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14652/2020|2020-11-23|EPI_ISL_711892|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5031/2020|2020-07-17|EPI_ISL_519835|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B1D542/2020|2020-11-01|EPI_ISL_645858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1833/2020|2020-03-30|EPI_ISL_456276|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/England/CAMC-A57176/2020|2020-10-08|EPI_ISL_597233|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10036/2020|2020-07-08|EPI_ISL_789298|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-10338B/2020|2020-04-17|EPI_ISL_489377|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72BEA/2020|2020-03-22|EPI_ISL_439996|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6940/2020|2020-10-12|EPI_ISL_619786|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16BDA1/2020|2020-09-17|EPI_ISL_573972|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15254/2020|2020-11-23|EPI_ISL_713722|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS1055944/2020|2020-03-23|EPI_ISL_429768|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-QRTP-Donor14/2020|2020-04-01|EPI_ISL_490218|Original|hCoV-19^^California|Human|Quest Diagnostics|Q Squared Solutions - QRTP facility|Weigman|USA

>Spike|hCoV-19/Northern Ireland/QEUA-943493/2020|2020-08-01|EPI_ISL_532561|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Beijing/DT-travelIT05/2020|2020-03-19|EPI_ISL_452334|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/England/QEUA-B9E1EB/2020|2020-11-17|EPI_ISL_720916|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-100020/2020|2020-03-09|EPI_ISL_466944|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-3650/2020|2020-09-28|EPI_ISL_636127|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/Overijssel_15/2020|2020-04-13|EPI_ISL_460804|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUA-AA0660/2020|2020-10-21|EPI_ISL_666096|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001516/2020|2020-11-30|EPI_ISL_745433|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/20124020802/2020|2020-03-16|EPI_ISL_418702|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/1220/2020|2020-04-23|EPI_ISL_648636|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-A68B65/2020|2020-10-12|EPI_ISL_608676|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BABFC3/2020|2020-11-18|EPI_ISL_720544|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S730/2020|2020-04-11|EPI_ISL_449900|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMB-1AC25A/2020|2020-04-27|EPI_ISL_444385|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-9C596D/2020|2020-09-10|EPI_ISL_567720|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-UKT-a020/2020|2020-04-04|EPI_ISL_723111|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/Czech Republic/NRL-10733/2020|2020-11-03|EPI_ISL_693675|Original|hCoV-19^^Czech Republic|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/EXET-1370F0/2020|2020-04-21|EPI_ISL_471949|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/EDB10674/2020|2020-12-03|EPI_ISL_705793|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-167D87/2020|2020-04-17|EPI_ISL_494154|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-32317-01/2020|2020-03-29|EPI_ISL_676782|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/VIC3909/2020|2020-07-11|EPI_ISL_520621|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Mexico/BCN-ALSR-2571/2020|2020-07-08|EPI_ISL_635572|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/England/CAMC-B372A5/2020|2020-11-05|EPI_ISL_645273|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3237/2020|2020-04-00|EPI_ISL_691353|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14821/2020|2020-11-23|EPI_ISL_712009|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10483/2020|2020-09-23|EPI_ISL_581648|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/IA-GMF-28410/2020|2020-10-28|EPI_ISL_661018|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-UW-21786/2020|2020-08-05|EPI_ISL_571006|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-3503/2020|2020-08-31|EPI_ISL_616292|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC9767/2020|2020-07-17|EPI_ISL_565703|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B3CF6D/2020|2020-11-02|EPI_ISL_706209|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B240B0/2020|2020-11-04|EPI_ISL_646323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A0147/2020|2020-12-02|EPI_ISL_743401|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Israel/CVL-265-ngs/2020|2020-12-27|EPI_ISL_776828|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/LEED-2AA1F4/2020|2020-03-30|EPI_ISL_538932|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-4050/2020|2020-08-03|EPI_ISL_548616|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Netherlands/NoordBrabant_71/2020|2020-03-11|EPI_ISL_422867|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-11265/2020|2020-11-02|EPI_ISL_670802|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012566391/2020|2020-08-11|EPI_ISL_745541|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Thailand/Bangkok_2864/2020|2020-03-00|EPI_ISL_515475|Vero P2|hCoV-19^^Bangkok|Human|National Institute of Health|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/England/20132031404/2020|2020-03-22|EPI_ISL_423769|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1969/2020|2020-04-15|EPI_ISL_653122|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WI-WSLH-200346/2020|2020-04-20|EPI_ISL_578520|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14749/2020|2020-10-12|EPI_ISL_786234|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr39/2020|2020-04-06|EPI_ISL_603093|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/USA/AZ-TG325106/2020|2020-05-22|EPI_ISL_694343|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Scotland/CVR151/2020|2020-03-17|EPI_ISL_425694|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-73DC5/2020|2020-04-01|EPI_ISL_433698|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10837/2020|2020-07-05|EPI_ISL_789652|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC7046/2020|2020-07-19|EPI_ISL_564207|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-0847/2020|2020-04-00|EPI_ISL_684457|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-27B02/2020|2020-03-30|EPI_ISL_432321|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11821/2020|2020-10-26|EPI_ISL_671154|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1336/2020|2020-06-01|EPI_ISL_618010|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV110/2020|2020-12-20|EPI_ISL_730627|Original|hCoV-19^^Zurich|Human|M\u00e4nnedorf Hospital|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/England/QEUEH-9F7C78/2020|2020-09-27|EPI_ISL_588964|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-5781/2020|2020-03-23|EPI_ISL_560713|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2266/2020|2020-06-29|EPI_ISL_635400|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BIRM-5F6A6/2020|2020-00-00|EPI_ISL_461525|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Kenya/C4616/2020|2020-05-08|EPI_ISL_568731|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Northern Ireland/NIRE-107466/2020|2020-03-31|EPI_ISL_585152|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-99376E/2020|2020-08-26|EPI_ISL_551998|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B6FF/2020|2020-04-03|EPI_ISL_442259|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5751/2020|2020-09-28|EPI_ISL_621256|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C3B80/2020|2020-05-04|EPI_ISL_475373|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000735/2020|2020-03-22|EPI_ISL_632117|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-94DF98/2020|2020-06-16|EPI_ISL_555566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CBD3/2020|2020-09-24|EPI_ISL_574145|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-R81/2020|2020-05-07|EPI_ISL_530114|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Australia/NSW776/2020|2020-07-29|EPI_ISL_526118|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Netherlands/ZH-EMC-1088/2020|2020-12-13|EPI_ISL_722769|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-72EE1/2020|2020-03-23|EPI_ISL_440055|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/GSTT-265DC40/2020|2020-03-21|EPI_ISL_484084|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/NOTT-117C4D/2020|2020-10-25|EPI_ISL_612588|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-QDX-1060/2020|2020-03-17|EPI_ISL_571802|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-B95278/2020|2020-11-13|EPI_ISL_673801|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B1EE/2020|2020-04-07|EPI_ISL_432272|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-4A78C3/2020|2020-06-08|EPI_ISL_559608|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0927824/2020|2020-11-22|EPI_ISL_739858|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-ALSR-3175/2020|2020-06-03|EPI_ISL_635901|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20134004304/2020|2020-03-23|EPI_ISL_423062|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LCST-24D6D8A/2020|2020-06-10|EPI_ISL_478341|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/BRIS-1305F8/2020|2020-04-12|EPI_ISL_492530|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6434733/2020|2020-10-26|EPI_ISL_744413|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-485D35/2020|2020-10-21|EPI_ISL_628275|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1037/2020|2020-05-03|EPI_ISL_463527|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/NM-UNM-00570/2020|2020-08-08|EPI_ISL_542984|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/DRC/3841/2020|2020-04-25|EPI_ISL_447249|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/USA/WA-UW324/2020|2020-03-24|EPI_ISL_418891|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A2FB1F/2020|2020-10-05|EPI_ISL_586955|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1348/2020|2020-04-00|EPI_ISL_684956|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/SPE-RII-7388V/2020|2020-04-20|EPI_ISL_524049|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/VIC9018/2020|2020-07-24|EPI_ISL_565355|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-IHU-0199/2020|2020-03-27|EPI_ISL_569366|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/205320747/2020|2020-12-28|EPI_ISL_770469|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-9B553F/2020|2020-09-03|EPI_ISL_590353|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204221433/2020|2020-00-00|EPI_ISL_593809|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8155/2020|2020-06-30|EPI_ISL_784236|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F8092/2020|2020-11-13|EPI_ISL_650387|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CBB8/2020|2020-03-31|EPI_ISL_472591|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0030/2020|2020-05-07|EPI_ISL_517963|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-18475/2020|2020-12-07|EPI_ISL_749988|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-GBCL-26629248/2020|2020-04-21|EPI_ISL_485894|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Wales/PHWC-4862BD/2020|2020-10-16|EPI_ISL_637619|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3141/2020|2020-08-31|EPI_ISL_615960|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B84537/2020|2020-11-14|EPI_ISL_675455|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15278/2020|2020-11-28|EPI_ISL_738610|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-AA28E0/2020|2020-10-21|EPI_ISL_630758|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20645/2020|2020-12-21|EPI_ISL_759273|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10D7E05/2020|2020-12-09|EPI_ISL_742110|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-C8ACA/2020|2020-11-05|EPI_ISL_680156|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Canada/BC_05845391/2020|2020-04-00|EPI_ISL_466791|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-7409/2020|2020-10-12|EPI_ISL_619359|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-ED564/2020|2020-00-00|EPI_ISL_472374|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Finland/23LS5C4/2020|2020-10-23|EPI_ISL_759776|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Spain/PV-IBV-005154/2020|2020-06-22|EPI_ISL_509642|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Switzerland/ZH-ETHZ-150041plus/2020|2020-06-02|EPI_ISL_483666|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-AD2243/2020|2020-10-26|EPI_ISL_629938|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA331A/2020|2020-11-18|EPI_ISL_721127|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2060/2020|2020-10-22|EPI_ISL_624300|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19275/2020|2020-11-23|EPI_ISL_783734|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG519153/2020|2020-06-30|EPI_ISL_695357|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Belgium/reg-09181047/2020|2020-09-18|EPI_ISL_734991|Original|hCoV-19^^Wijgmaal|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/NY-SURV0983/2020|2020-03-19|EPI_ISL_436078|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8634/2020|2020-07-01|EPI_ISL_780664|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/GA-IBV-002723/2020|2020-04-07|EPI_ISL_467295|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-A7AE76/2020|2020-10-15|EPI_ISL_606376|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20108165204/2020|2020-03-05|EPI_ISL_452253|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D9B4/2020|2020-10-08|EPI_ISL_586219|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH1924S/2020|2020-09-16|EPI_ISL_602367|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-9DF845/2020|2020-09-21|EPI_ISL_638427|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4792/2020|2020-06-22|EPI_ISL_544335|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12302/2020|2020-09-25|EPI_ISL_790290|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48F8FE/2020|2020-11-10|EPI_ISL_681157|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7FB74/2020|2020-04-17|EPI_ISL_433483|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Vietnam/PIHCM-372/2020|2020-03-20|EPI_ISL_654872|Vero E6|hCoV-19^^Ho Chi Minh city|Human|Pasteur Institute in Ho Chi Minh city|Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city|Vu|Viet Nam

>Spike|hCoV-19/England/MILK-BAB743/2020|2020-11-18|EPI_ISL_783362|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH2917S/2020|2020-09-23|EPI_ISL_733069|Original|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-B5D93B/2020|2020-11-10|EPI_ISL_704446|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A630F/2020|2020-12-16|EPI_ISL_765025|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Israel/CVL-11-ngs/2020|2020-12-24|EPI_ISL_776581|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Wales/PHWC-49E759/2020|2020-12-08|EPI_ISL_743042|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2066/2020|2020-02-20|EPI_ISL_497967|Vero E6 P1|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-22339/2020|2020-12-14|EPI_ISL_757848|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8758/2020|2020-07-01|EPI_ISL_780737|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KDCA0294/2020|2020-10-26|EPI_ISL_760088|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-C3AD91/2020|2020-12-09|EPI_ISL_731265|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-BEB04C/2020|2020-12-03|EPI_ISL_710646|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20101/2020|2020-12-02|EPI_ISL_723278|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-164BAE/2020|2020-06-01|EPI_ISL_479355|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Austria/CeMM0213/2020|2020-03-16|EPI_ISL_438049|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Hong Kong/VM20123559/2020|2020-09-18|EPI_ISL_760035|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/USA/CA-QDX-2397/2020|2020-03-17|EPI_ISL_604671|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-405/2020|2020-07-23|EPI_ISL_523745|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-16874C/2020|2020-04-19|EPI_ISL_494280|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Friesland_9/2020|2020-03-30|EPI_ISL_422573|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Africa/R10639/2020|2020-06-11|EPI_ISL_490291|Original|hCoV-19^^Free State|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/SHEF-C6D4B/2020|2020-04-23|EPI_ISL_457615|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/IL-NM058/2020|2020-03-18|EPI_ISL_444554|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/QEUEH-AD4FFF/2020|2020-10-26|EPI_ISL_633854|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9943D2/2020|2020-08-26|EPI_ISL_551682|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS_40/2020|2020-03-05|EPI_ISL_482469|Original|hCoV-19^^Nova Scotia|Human|Queen Elizabeth II Health Science Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/Wales/PHWC-498889/2020|2020-11-27|EPI_ISL_727134|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL380/2020|2020-06-03|EPI_ISL_578786|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18096/2020|2020-11-13|EPI_ISL_784444|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG640829/2020|2020-04-27|EPI_ISL_695783|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-9601C6/2020|2020-08-06|EPI_ISL_531868|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-6395CD/2020|2020-07-04|EPI_ISL_557740|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13784/2020|2020-09-16|EPI_ISL_563835|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-9E4898/2020|2020-09-23|EPI_ISL_600950|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3177/2020|2020-03-00|EPI_ISL_691297|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A68A2C/2020|2020-10-12|EPI_ISL_608972|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1702/2020|2020-06-29|EPI_ISL_618169|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99DBC2/2020|2020-08-31|EPI_ISL_550601|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B31C5/2020|2020-11-18|EPI_ISL_672897|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2777/2020|2020-04-20|EPI_ISL_478036|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-318/2020|2020-05-31|EPI_ISL_498789|Original|hCoV-19^^Mymensingh|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/France/ARA-SC346/2020|2020-03-17|EPI_ISL_641543|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/20146006804/2020|2020-04-01|EPI_ISL_466018|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F1C9/2020|2020-10-08|EPI_ISL_612642|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200605/2020|2020-11-23|EPI_ISL_753131|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Scotland/QEUA-996929/2020|2020-08-29|EPI_ISL_559990|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/MILK-B02470/2020|2020-10-24|EPI_ISL_647851|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20107/2020|2020-12-07|EPI_ISL_747986|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11526/2020|2020-11-02|EPI_ISL_670529|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-146/2020|2020-05-29|EPI_ISL_699802|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-5193/2020|2020-08-00|EPI_ISL_690296|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-48CC8C/2020|2020-10-31|EPI_ISL_666525|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-50/2020|2020-06-02|EPI_ISL_603157|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/Spain/PV-IBV-2103/2020|2020-04-11|EPI_ISL_468890|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-2055/2020|2020-05-07|EPI_ISL_635321|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18371/2020|2020-11-18|EPI_ISL_784719|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-2389/2020|2020-10-04|EPI_ISL_754628|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Switzerland/BE-UNIBE-200-5795/2020|2020-03-26|EPI_ISL_574838|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/Scotland/QEUH-96C6BC/2020|2020-08-07|EPI_ISL_530869|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC149/2020|2020-05-17|EPI_ISL_458111|Original|hCoV-19^^Gujarat|Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Japan/PG-5370/2020|2020-08-00|EPI_ISL_690473|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-124F765/2020|2020-03-25|EPI_ISL_665170|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00186/2020|2020-04-06|EPI_ISL_791645|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/LIVE-9F1c7/2020|2020-05-02|EPI_ISL_453435|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/204841912/2020|2020-11-25|EPI_ISL_683581|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-171/2020|2020-07-29|EPI_ISL_516652|Original|hCoV-19^^Orellana|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/Wales/PHWC-48DB51/2020|2020-11-01|EPI_ISL_680731|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3616/2020|2020-07-28|EPI_ISL_548339|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-B23F2D/2020|2020-11-04|EPI_ISL_646309|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1AEE0/2020|2020-11-01|EPI_ISL_645853|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12FA0C/2020|2020-04-03|EPI_ISL_488293|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2105/2020|2020-07-27|EPI_ISL_618367|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-1D5012/2020|2020-09-17|EPI_ISL_572479|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A91723/2020|2020-10-19|EPI_ISL_705979|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4178/2020|2020-09-14|EPI_ISL_621998|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB6256/2020|2020-06-02|EPI_ISL_478238|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/SHEF-10C5963/2020|2020-12-14|EPI_ISL_765149|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/EXET-13998A/2020|2020-00-00|EPI_ISL_724255|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012386/2020|2020-10-29|EPI_ISL_779961|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-4904/2020|2020-08-00|EPI_ISL_690025|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A4D726/2020|2020-10-05|EPI_ISL_628609|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-17995/2020|2020-11-16|EPI_ISL_786143|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B6C5AE/2020|2020-11-10|EPI_ISL_661537|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29DB23/2020|2020-05-07|EPI_ISL_488173|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2FA30/2020|2020-10-05|EPI_ISL_587227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38550/2020|2020-11-01|EPI_ISL_658990|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E5E9/2020|2020-11-12|EPI_ISL_680883|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F80A/2020|2020-12-08|EPI_ISL_743273|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR6106/2020|2020-12-03|EPI_ISL_703233|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0155/2020|2020-03-31|EPI_ISL_480806|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-4575/2020|2020-07-00|EPI_ISL_689712|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-281872-01/2020|2020-12-01|EPI_ISL_754426|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-240091/2020|2020-08-13|EPI_ISL_523926|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-0082/2020|2020-03-02|EPI_ISL_479833|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/NS-NML-1268/2020|2020-04-16|EPI_ISL_579656|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Germany/BE-ChVir-W1693-4382/2020|2020-08-04|EPI_ISL_753988|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/CAMB-8067F/2020|2020-04-10|EPI_ISL_470442|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PDL-SC646/2020|2020-04-12|EPI_ISL_663283|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUH-964C67/2020|2020-08-13|EPI_ISL_530987|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204291438/2020|2020-10-16|EPI_ISL_622875|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10712/2020|2020-07-09|EPI_ISL_789598|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000818/2020|2020-04-02|EPI_ISL_632195|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/France/ARA-34744/2020|2020-05-06|EPI_ISL_636481|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Centre Hospitalier de Bourg en Bresse|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Germany/BY-MGZ-02/2020|2020-04-21|EPI_ISL_490206|Original|hCoV-19^^Bavaria|Human|M\u00f6nchen Klinik Schwabing|MGZ Medical Genetics Center|Wolf|Germany

>Spike|hCoV-19/Australia/VIC13639/2020|2020-09-13|EPI_ISL_563792|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-6025/2020|2020-09-21|EPI_ISL_621134|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-2036/2020|2020-10-13|EPI_ISL_677178|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-25A34/2020|2020-03-22|EPI_ISL_422301|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-AEB0C5/2020|2020-10-25|EPI_ISL_633129|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7079/2020|2020-08-02|EPI_ISL_514518|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2160/2020|2020-05-21|EPI_ISL_653313|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01260/2020|2020-06-00|EPI_ISL_548875|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Japan/PG-8134/2020|2020-08-00|EPI_ISL_687233|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-1361/2020|2020-04-00|EPI_ISL_684969|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-100DAE/2020|2020-05-02|EPI_ISL_482146|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C7B3CF/2020|2020-12-15|EPI_ISL_756863|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204591848/2020|2020-00-00|EPI_ISL_637185|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A808/2020|2020-04-07|EPI_ISL_445622|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10560/2020|2020-10-23|EPI_ISL_626328|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-SCCPHD-UC130/2020|2020-03-06|EPI_ISL_435609|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001256/2020|2020-11-06|EPI_ISL_683895|Original|hCoV-19^^New York|Human|DOHMH Riverside|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-B472DF/2020|2020-11-07|EPI_ISL_656303|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-18535AA/2020|2020-04-08|EPI_ISL_492357|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12358F/2020|2020-04-06|EPI_ISL_442763|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-7E1EC/2020|2020-04-15|EPI_ISL_434050|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10953/2020|2020-09-06|EPI_ISL_707732|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/FL-BPHL-0373/2020|2020-04-21|EPI_ISL_489782|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B1A572/2020|2020-11-01|EPI_ISL_647618|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0414/2020|2020-04-26|EPI_ISL_467808|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Netherlands/UT-EMC-77/2020|2020-08-27|EPI_ISL_577893|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B98D1A/2020|2020-11-15|EPI_ISL_673582|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F947/2020|2020-11-02|EPI_ISL_642050|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1577/2020|2020-09-17|EPI_ISL_605454|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-22439/2020|2020-12-14|EPI_ISL_757563|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9D731F/2020|2020-09-18|EPI_ISL_584362|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-005323/2020|2020-03-17|EPI_ISL_510202|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-71E2E/2020|2020-03-29|EPI_ISL_438435|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/PORT-2D2506/2020|2020-03-26|EPI_ISL_507152|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMB-77EA0/2020|2020-04-01|EPI_ISL_441185|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A58AF2/2020|2020-10-09|EPI_ISL_609162|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1148/2020|2020-03-29|EPI_ISL_639751|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/WI-GMF-19746/2020|2020-09-11|EPI_ISL_547845|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-UW-3186/2020|2020-03-28|EPI_ISL_491009|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-A8BE45/2020|2020-10-16|EPI_ISL_643051|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-78C5A/2020|2020-04-03|EPI_ISL_441138|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10549/2020|2020-07-09|EPI_ISL_789530|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-5DB986/2020|2020-06-17|EPI_ISL_533275|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7742/2020|2020-10-19|EPI_ISL_618677|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-487920/2020|2020-10-30|EPI_ISL_639254|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1039/2020|2020-06-03|EPI_ISL_526923|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/204740425/2020|2020-11-17|EPI_ISL_693465|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B12088/2020|2020-11-02|EPI_ISL_642608|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC653/2020|2020-04-10|EPI_ISL_444770|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/MN-MDH-1704/2020|2020-04-10|EPI_ISL_560791|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01323/2020|2020-06-00|EPI_ISL_548926|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/WA-S2582/2020|2020-06-18|EPI_ISL_497214|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Colombia/DC-INS-2553/2020|2020-08-06|EPI_ISL_653745|Original|hCoV-19^^Bogota|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Russia/OMS-ORINFI-4822S/2020|2020-07-10|EPI_ISL_569800|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Switzerland/SZ-ETHZ-420546/2020|2020-12-22|EPI_ISL_768233|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-16B4BB/2020|2020-09-14|EPI_ISL_560294|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1DCA/2020|2020-05-09|EPI_ISL_458552|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR896/2020|2020-03-27|EPI_ISL_439131|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-84927/2020|2020-03-06|EPI_ISL_440481|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/NT53/2020|2020-06-30|EPI_ISL_521862|Original|hCoV-19^^Northern Territory|Human|Royal Darwin Hospital Pathology|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-660/2020|2020-06-26|EPI_ISL_491347|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/LIVE-A263B/2020|2020-05-20|EPI_ISL_500000|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-843D20/2020|2020-07-15|EPI_ISL_557310|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-236/2020|2020-03-27|EPI_ISL_428332|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Denmark/DCGC-7647/2020|2020-10-19|EPI_ISL_618539|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9BE3B4/2020|2020-09-10|EPI_ISL_567971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B73FC4/2020|2020-11-12|EPI_ISL_662239|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7D13E/2020|2020-10-13|EPI_ISL_606517|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C4B577/2020|2020-12-13|EPI_ISL_769724|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A01CB6/2020|2020-10-02|EPI_ISL_595836|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16294/2020|2020-11-16|EPI_ISL_714285|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20132022304/2020|2020-03-23|EPI_ISL_423745|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-865/2020|2020-03-17|EPI_ISL_571672|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-CZB-5154/2020|2020-08-22|EPI_ISL_672028|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LOND-D9A6C/2020|2020-09-09|EPI_ISL_584674|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Kenya/C6876/2020|2020-05-15|EPI_ISL_568812|Original|hCoV-19^^Taita Taveta|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/ALDP-CB4D9F/2020|2020-12-17|EPI_ISL_761203|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200117/2020|2020-06-10|EPI_ISL_752680|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Wales/PHWC-48AF3A/2020|2020-11-04|EPI_ISL_666175|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8497/2020|2020-06-00|EPI_ISL_687596|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC259/2020|2020-03-21|EPI_ISL_419952|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Iran/SA-Isf-38/2020|2020-06-10|EPI_ISL_672590|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh, S.|Iran

>Spike|hCoV-19/Denmark/DCGC-2102/2020|2020-07-20|EPI_ISL_618361|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3AA13/2020|2020-11-02|EPI_ISL_679702|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20166019504/2020|2020-04-16|EPI_ISL_528400|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-040/2020|2020-04-16|EPI_ISL_436544|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14528/2020|2020-10-08|EPI_ISL_787813|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/mink/Netherlands/NB03_index/2020|2020-05-06|EPI_ISL_447633|Original|hCoV-19^^Netherlands|Mustela lutreola|Virology|Virology|Oreshkova|Netherlands

>Spike|hCoV-19/England/QEUH-B68E7A/2020|2020-11-11|EPI_ISL_662284|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2738/2020|2020-09-02|EPI_ISL_530336|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/SHEF-10CCEE5/2020|2020-12-23|EPI_ISL_764213|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/regal-12111338/2020|2020-12-11|EPI_ISL_738391|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/WA-UW-11115/2020|2020-06-18|EPI_ISL_570376|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-68397D/2020|2020-07-02|EPI_ISL_551755|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A9268F/2020|2020-10-19|EPI_ISL_610949|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-50631B/2020|2020-06-25|EPI_ISL_559272|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV4/2020|2020-03-11|EPI_ISL_590826|Vero P2|hCoV-19^^Zurich|Human|Institute of Medical Virology|Institute of Medical Virology|Kufner|Switzerland

>Spike|hCoV-19/Portugal/PT0361/2020|2020-03-19|EPI_ISL_454077|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/MA-MASPHL-00928/2020|2020-05-28|EPI_ISL_692825|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Russia/SPE-RII-MH1500S/2020|2020-09-11|EPI_ISL_596282|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-5187/2020|2020-08-00|EPI_ISL_690290|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Beijing/DT-travelUSA04/2020|2020-03-22|EPI_ISL_452339|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/England/EXET-139F5B/2020|2020-00-00|EPI_ISL_679354|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0743/2020|2020-06-12|EPI_ISL_526863|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUH-B68EB6/2020|2020-11-11|EPI_ISL_662037|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NC-QDX-253/2020|2020-04-30|EPI_ISL_498732|Original|hCoV-19^^North Carolina|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/NA_308/2020|2020-04-02|EPI_ISL_422617|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-12706/2020|2020-11-16|EPI_ISL_682887|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BD2172/2020|2020-11-28|EPI_ISL_702087|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2ECDB/2020|2020-04-06|EPI_ISL_446139|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A769A6/2020|2020-10-15|EPI_ISL_613340|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/EXET-13DF0C/2020|2020-12-03|EPI_ISL_724300|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-240022/2020|2020-08-10|EPI_ISL_523873|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-ACCFDC/2020|2020-10-20|EPI_ISL_630337|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22078/2020|2020-12-14|EPI_ISL_758540|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/VOR-RII-MH2793S/2020|2020-09-28|EPI_ISL_602455|Original|hCoV-19^^Voronezh|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/FL-BPHL-0670/2020|2020-03-13|EPI_ISL_509728|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-9AAA6B/2020|2020-08-31|EPI_ISL_550908|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8EA5C/2020|2020-11-13|EPI_ISL_674663|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5121437/2020|2020-08-31|EPI_ISL_744187|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-14279/2020|2020-08-27|EPI_ISL_739426|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/EDB112/2020|2020-03-22|EPI_ISL_433407|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B77F1B/2020|2020-11-12|EPI_ISL_783503|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-251061-01/2020|2020-10-21|EPI_ISL_754693|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-1ACF9F/2020|2020-04-23|EPI_ISL_489522|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEACE0/2020|2020-10-25|EPI_ISL_633267|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1437/2020|2020-03-31|EPI_ISL_514656|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/UT-UPHL-2009331/2020|2020-05-16|EPI_ISL_524932|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/ULG-10146/2020|2020-04-17|EPI_ISL_447138|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/NY-WCMP12E06P/2020|2020-03-16|EPI_ISL_427607|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/Australia/VIC15176/2020|2020-08-11|EPI_ISL_593172|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19682/2020|2020-12-07|EPI_ISL_749108|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS5638426/2020|2020-11-24|EPI_ISL_744267|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NOTT-112161/2020|2020-06-20|EPI_ISL_484348|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/MILK-9C1E53/2020|2020-09-10|EPI_ISL_566471|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-99B4D8/2020|2020-08-30|EPI_ISL_559996|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9D0431/2020|2020-09-16|EPI_ISL_601811|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/SA-Isf-33/2020|2020-04-12|EPI_ISL_672585|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/England/LIVE-A1AF4/2020|2020-06-15|EPI_ISL_490353|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1048-4346/2020|2020-03-27|EPI_ISL_753926|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Jordan/AM-ALSR-5307/2020|2020-11-02|EPI_ISL_730543|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/204390706/2020|2020-10-22|EPI_ISL_649873|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98008428/2020|2020-10-21|EPI_ISL_654602|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS8187762/2020|2020-10-22|EPI_ISL_744699|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-8484/2020|2020-08-00|EPI_ISL_687583|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-48DABE/2020|2020-11-01|EPI_ISL_680722|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BB9D22/2020|2020-11-20|EPI_ISL_710739|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1952/2020|2020-04-08|EPI_ISL_438861|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/OXON-AFCE1/2020|2020-00-00|EPI_ISL_478821|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Latvia/095/2020|2020-07-21|EPI_ISL_512650|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/LOND-12E85CE/2020|2020-12-15|EPI_ISL_741331|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14855/2020|2020-11-23|EPI_ISL_712030|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-17747/2020|2020-03-31|EPI_ISL_508960|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier Saint Joseph Saint Luc|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-9EA9EA/2020|2020-09-24|EPI_ISL_580028|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149051704/2020|2020-04-02|EPI_ISL_466205|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00231/2020|2020-04-06|EPI_ISL_460345|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5597/2020|2020-05-12|EPI_ISL_700595|Original|hCoV-19^^Western Cape|Human|Heideveld Emergency Centre|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/QEUH-B68F86/2020|2020-11-11|EPI_ISL_661976|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8C757/2020|2020-11-13|EPI_ISL_675896|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/NE-ETHZ-350329/2020|2020-11-03|EPI_ISL_729194|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-AB84A7/2020|2020-10-21|EPI_ISL_623435|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/21SS13C8/2020|2020-09-21|EPI_ISL_757380|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/VIC14708/2020|2020-08-06|EPI_ISL_592962|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG410819/2020|2020-06-24|EPI_ISL_694970|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/AZ-TG547955/2020|2020-07-27|EPI_ISL_695523|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-4136/2020|2020-06-18|EPI_ISL_543400|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1779/2020|2020-04-13|EPI_ISL_590781|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM14086335/2020|2020-12-01|EPI_ISL_753574|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Japan/PG-2911/2020|2020-04-00|EPI_ISL_691037|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9B5915/2020|2020-08-28|EPI_ISL_590284|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUIH-96220D/2020|2020-08-10|EPI_ISL_531627|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV30220/2020|2020-05-23|EPI_ISL_481143|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Switzerland/BS-ETHZ-250129/2020|2020-08-15|EPI_ISL_535636|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-16273/2020|2020-10-27|EPI_ISL_785957|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG668390/2020|2020-04-20|EPI_ISL_696296|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/SHEF-10CBFD4/2020|2020-12-20|EPI_ISL_741986|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15470/2020|2020-10-23|EPI_ISL_786954|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B485B7/2020|2020-11-07|EPI_ISL_649397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-AR17/2020|2020-05-27|EPI_ISL_508164|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Australia/VIC10118/2020|2020-08-11|EPI_ISL_562795|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-4261/2020|2020-08-21|EPI_ISL_648921|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Singapore/409/2020|2020-04-22|EPI_ISL_475940|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Iceland/79/2020|2020-03-09|EPI_ISL_417679|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Spain/CT-IBV-99009896/2020|2020-08-07|EPI_ISL_660293|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/VIC13755/2020|2020-08-30|EPI_ISL_563826|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1265/2020|2020-05-13|EPI_ISL_495715|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/204521588/2020|2020-11-02|EPI_ISL_637183|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC8461/2020|2020-07-27|EPI_ISL_565031|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-3182C/2020|2020-04-10|EPI_ISL_446494|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494D15/2020|2020-11-22|EPI_ISL_726244|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2447/2020|2020-04-21|EPI_ISL_776510|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Spain/CL-IBV-97006342/2020|2020-05-26|EPI_ISL_537689|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Puerto Rico/CDC-S19/2020|2020-04-01|EPI_ISL_434553|Original|hCoV-19^^Puerto Rico|Human|Puerto Rico Department of Health|Centers for Disease Control and Prevention|Santiago|USA

>Spike|hCoV-19/USA/NY-WCMP12F07P/2020|2020-03-16|EPI_ISL_427612|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/Scotland/EDB8405/2020|2020-10-15|EPI_ISL_612354|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-5B30AD/2020|2020-06-18|EPI_ISL_558630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1135/2020|2020-06-17|EPI_ISL_634939|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-9C9D6D/2020|2020-09-10|EPI_ISL_567280|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8787/2020|2020-10-26|EPI_ISL_626073|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-795/2020|2020-04-13|EPI_ISL_614711|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-EC7F6/2020|2020-05-13|EPI_ISL_457564|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/CVR3941/2020|2020-07-03|EPI_ISL_490705|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-1050/2020|2020-04-00|EPI_ISL_684660|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Mali/M002673/2020|2020-04-10|EPI_ISL_487455|Original|hCoV-19^^Bamako|Human|CICM-Mali|Bundeswehr Institut of Microbiology|Antwerpen|Mali

>Spike|hCoV-19/Italy/LAZ-INMI-37/2020|2020-06-12|EPI_ISL_603144|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/Japan/PG-7253/2020|2020-08-00|EPI_ISL_688356|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KCDC2709/2020|2020-07-08|EPI_ISL_522488|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/204742214/2020|2020-00-00|EPI_ISL_649920|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-BB3C58/2020|2020-11-20|EPI_ISL_701828|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/AK-CV319/2020|2020-07-17|EPI_ISL_729990|Original|hCoV-19^^Akwa-Ibom State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/MILK-C5263E/2020|2020-12-11|EPI_ISL_736308|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75BBA/2020|2020-03-29|EPI_ISL_438338|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-9C7AFF/2020|2020-09-11|EPI_ISL_567160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E18E6/2020|2020-09-19|EPI_ISL_577091|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC3641/2020|2020-07-08|EPI_ISL_520381|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-0970/2020|2020-04-00|EPI_ISL_684580|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-16833-01/2020|2020-03-15|EPI_ISL_426316|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/SHEF-CFB39/2020|2020-10-15|EPI_ISL_611783|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A642A/2020|2020-12-16|EPI_ISL_765036|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-10913/2020|2020-07-15|EPI_ISL_547620|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-B25204/2020|2020-11-04|EPI_ISL_646493|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-110/2020|2020-10-23|EPI_ISL_671956|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut

F\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut
F\u00e9ratif de Biologie|Latour|France
>Spike|hCoV-19/England/LEED-2A8633/2020|2020-03-20|EPI_ISL_539131|Original|hCoV-
19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health
England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-10300/2020|2020-11-02|EPI_ISL_669885|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Uganda/UG065/2020|2020-08-26|EPI_ISL_737981|Original|hCoV-
19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research
Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda
>Spike|hCoV-19/England/ALDP-94E0FE/2020|2020-06-16|EPI_ISL_555338|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/SH-ChVir3196/2020|2020-03-22|EPI_ISL_729540|Original|hCoV-
19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin
Berlin|Muehlemann|Germany
>Spike|hCoV-19/India/TG-CCMB-OM5/2020|2020-05-14|EPI_ISL_495292|Original|hCoV-
19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular
Biology|Banu|India
>Spike|hCoV-19/England/CAMC-A82224/2020|2020-10-12|EPI_ISL_610830|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/Utrecht_30/2020|2020-04-20|EPI_ISL_461228|Original|hCoV-
19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
Munnink|Netherlands
>Spike|hCoV-19/USA/NY-Wadsworth-41097-01/2020|2020-04-
08|EPI_ISL_676817|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth
Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/ALDP-BBA116/2020|2020-11-20|EPI_ISL_701817|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13052/2020|2020-08-27|EPI_ISL_788203|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-2346/2020|2020-05-00|EPI_ISL_685951|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Northern Ireland/OXON-F40533/2020|2020-12-
08|EPI_ISL_764532|Original|hCoV-19^^Northern Ireland|Human|Oxford Viromics|COVID-19
Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Singapore/36nan/2020|2020-02-16|EPI_ISL_538435|Original|hCoV-
19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory
Medicine|Chen|Singapore
>Spike|hCoV-19/USA/FL-BPHL-1212/2020|2020-07-25|EPI_ISL_541185|Original|hCoV-
19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of
Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/20170036004/2020|2020-04-14|EPI_ISL_465284|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/QEUEH-C31B45/2020|2020-12-11|EPI_ISL_782675|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-15180/2020|2020-10-19|EPI_ISL_786664|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/MI-MDHHS-SC22125/2020|2020-10-06|EPI_ISL_614176|Original|hCoV-
19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan
Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/Denmark/DCGC-1840/2020|2020-07-13|EPI_ISL_622605|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-33F43/2020|2020-04-17|EPI_ISL_446844|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A88E4/2020|2020-03-26|EPI_ISL_517229|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-95CAB3/2020|2020-06-21|EPI_ISL_554933|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D2D1C/2020|2020-12-14|EPI_ISL_742050|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8621/2020|2020-11-00|EPI_ISL_740856|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajeky|Canada

>Spike|hCoV-19/USA/CA-SEARCH-5573/2020|2020-11-25|EPI_ISL_755300|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-Wadsworth-287495-01/2020|2020-12-15|EPI_ISL_767462|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/UT-UPHL-201225377/2020|2020-12-01|EPI_ISL_684007|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LIVE-DCB30B/2020|2020-11-23|EPI_ISL_724397|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F6E91/2020|2020-09-27|EPI_ISL_595640|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-95AD43/2020|2020-06-16|EPI_ISL_555680|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F51B7/2020|2020-09-25|EPI_ISL_637856|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORT-294B86/2020|2020-03-28|EPI_ISL_490467|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/CVR3911/2020|2020-06-15|EPI_ISL_512461|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8A9AF/2020|2020-10-16|EPI_ISL_638866|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-C30FFF/2020|2020-12-08|EPI_ISL_731398|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7EA0F/2020|2020-04-08|EPI_ISL_442609|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Lithuania/KL-LUHS-Eilnr59/2020|2020-04-10|EPI_ISL_603095|Original|hCoV-19^^Klaipėdos apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/ALDP-A6C4A2/2020|2020-10-14|EPI_ISL_608207|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53305/2020|2020-10-27|EPI_ISL_676516|Original|hCoV-19^^Gavleborg|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/BRIS-12F5ED/2020|2020-03-03|EPI_ISL_488202|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC65b/2020|2020-05-03|EPI_ISL_447041|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Scotland/CVR5704/2020|2020-11-06|EPI_ISL_651922|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-005172/2020|2020-06-26|EPI_ISL_509651|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC3494/2020|2020-07-04|EPI_ISL_520250|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-14690/2020|2020-11-17|EPI_ISL_738603|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/EXET-136B69/2020|2020-04-24|EPI_ISL_457250|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Kenya/C4717/2020|2020-05-08|EPI_ISL_568737|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/LOND-126377A/2020|2020-11-01|EPI_ISL_679475|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3038/2020|2020-12-14|EPI_ISL_744043|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-A5DE6A/2020|2020-10-12|EPI_ISL_609206|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D1DE/2020|2020-04-06|EPI_ISL_442051|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22566/2020|2020-11-10|EPI_ISL_737138|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-B806ED/2020|2020-11-14|EPI_ISL_668360|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C2D7/2020|2020-11-10|EPI_ISL_655681|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-98F677/2020|2020-08-27|EPI_ISL_539988|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2061/2020|2020-11-10|EPI_ISL_732275|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/NORW-F1961/2020|2020-11-15|EPI_ISL_725125|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/20144012904/2020|2020-03-31|EPI_ISL_421931|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-AD1D34/2020|2020-10-26|EPI_ISL_629996|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4898B8/2020|2020-10-27|EPI_ISL_652420|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-125383/2020|2020-03-26|EPI_ISL_443907|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B54F7E/2020|2020-11-06|EPI_ISL_657862|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9992/2020|2020-07-06|EPI_ISL_780372|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2012889221/2020|2020-08-13|EPI_ISL_745915|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-A1DBF6/2020|2020-09-29|EPI_ISL_587453|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8650/2020|2020-07-01|EPI_ISL_780677|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B3232/2020|2020-05-21|EPI_ISL_456754|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-005604/2020|2020-03-26|EPI_ISL_508650|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Switzerland/ZH-ETHZ-260055/2020|2020-08-24|EPI_ISL_539382|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-17080/2020|2020-12-14|EPI_ISL_750746|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-969F4B/2020|2020-08-13|EPI_ISL_530916|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S427/2020|2020-03-28|EPI_ISL_434187|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-5740/2020|2020-09-28|EPI_ISL_621245|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-RIVM-10133/2020|2020-00-00|EPI_ISL_547568|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-9C900A/2020|2020-09-11|EPI_ISL_567217|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0975/2020|2020-03-27|EPI_ISL_511524|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-1278/2020|2020-04-15|EPI_ISL_542625|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-ACBF82/2020|2020-10-20|EPI_ISL_629267|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200049042/2020|2020-00-00|EPI_ISL_683456|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-512376/2020|2020-06-10|EPI_ISL_559043|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9535F7/2020|2020-06-08|EPI_ISL_553867|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20124097004/2020|2020-03-13|EPI_ISL_465794|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-B302BB/2020|2020-11-04|EPI_ISL_659846|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B88700/2020|2020-11-14|EPI_ISL_674359|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10552/2020|2020-10-23|EPI_ISL_626304|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUEH-9F57A6/2020|2020-09-25|EPI_ISL_588824|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI215/2020|2020-03-11|EPI_ISL_429407|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/201140359/2020|2020-03-11|EPI_ISL_464728|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/TK-YE611821/2020|2020-04-00|EPI_ISL_486891|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/USA/FL-BPHL-1573/2020|2020-09-15|EPI_ISL_568671|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01237/2020|2020-06-00|EPI_ISL_548859|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Scotland/CVR4018/2020|2020-08-29|EPI_ISL_535117|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21421/2020|2020-03-25|EPI_ISL_507675|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-15230/2020|2020-11-23|EPI_ISL_713710|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG670148/2020|2020-04-29|EPI_ISL_696352|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-B136A3/2020|2020-11-02|EPI_ISL_642272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42210896/2020|2020-03-28|EPI_ISL_581807|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/EDB5781/2020|2020-04-27|EPI_ISL_487890|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AFB7A/2020|2020-05-02|EPI_ISL_459194|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-100054/2020|2020-03-12|EPI_ISL_466976|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NM-DOH-2020631397/2020|2020-12-19|EPI_ISL_766899|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/QEUA-B2B3A1/2020|2020-11-03|EPI_ISL_646766|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0513/2020|2020-06-12|EPI_ISL_508716|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Germany/BY-MVP-0076/2020|2020-03-30|EPI_ISL_437271|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/CAMB-81BF7/2020|2020-04-11|EPI_ISL_442541|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99010835/2020|2020-08-24|EPI_ISL_691645|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/MI-MDHHS-SC20874/2020|2020-05-15|EPI_ISL_471895|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/South Africa/KRISP-K004636/2020|2020-11-01|EPI_ISL_660652|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-MCoV-12033/2020|2020-09-19|EPI_ISL_790176|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/DE-DHSS-F917887/2020|2020-03-25|EPI_ISL_584013|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Denmark/DCGC-16321/2020|2020-11-16|EPI_ISL_714702|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-0617/2020|2020-04-12|EPI_ISL_568890|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-17094/2020|2020-12-14|EPI_ISL_750753|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002848/2020|2020-09-01|EPI_ISL_602664|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/NORT-29349B/2020|2020-06-22|EPI_ISL_499502|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LEED-2AA07F/2020|2020-04-08|EPI_ISL_538921|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94C5C4/2020|2020-06-15|EPI_ISL_555874|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79460/2020|2020-04-03|EPI_ISL_441114|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Portugal/PT0915/2020|2020-03-28|EPI_ISL_511172|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/CVR143/2020|2020-03-17|EPI_ISL_425687|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-B3D676/2020|2020-11-02|EPI_ISL_645438|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204590464/2020|2020-11-06|EPI_ISL_683505|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-963EF9/2020|2020-08-12|EPI_ISL_536843|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7846/2020|2020-08-00|EPI_ISL_686947|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS9388829/2020|2020-10-26|EPI_ISL_744901|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/PORT-2D46D4/2020|2020-10-08|EPI_ISL_613291|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/EXET-136A7B/2020|2020-04-27|EPI_ISL_457245|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D197/2020|2020-03-30|EPI_ISL_472677|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03417/2020|2020-11-11|EPI_ISL_765827|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/WI-UW-1499/2020|2020-09-11|EPI_ISL_541626|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUI-BA0429/2020|2020-11-18|EPI_ISL_719730|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-B3FBC0/2020|2020-11-08|EPI_ISL_658489|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-117/2020|2020-10-22|EPI_ISL_671962|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Wales/QEUI-9648DC/2020|2020-08-11|EPI_ISL_531127|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99DFB7/2020|2020-08-31|EPI_ISL_550544|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BC1C3/2020|2020-11-21|EPI_ISL_723855|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-S1025/2020|2020-05-01|EPI_ISL_463515|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Germany/SH-ChVir8315/2020|2020-07-26|EPI_ISL_729574|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/CAMC-941899/2020|2020-07-23|EPI_ISL_556856|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11F60B/2020|2020-11-25|EPI_ISL_725547|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3764/2020|2020-05-27|EPI_ISL_636189|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-4444/2020|2020-07-00|EPI_ISL_692667|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B0F3F/2020|2020-04-09|EPI_ISL_478979|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR4909/2020|2020-10-05|EPI_ISL_594675|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_34/2020|2020-03-16|EPI_ISL_422906|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A2DBB7/2020|2020-10-05|EPI_ISL_586668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0537/2020|2020-09-00|EPI_ISL_779220|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-GA38/2020|2020-06-20|EPI_ISL_508232|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Scotland/EDB4536/2020|2020-05-06|EPI_ISL_461719|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10293/2020|2020-09-08|EPI_ISL_583020|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-55-17/2020|2020-09-23|EPI_ISL_632420|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-9FF618/2020|2020-09-30|EPI_ISL_600342|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4071/2020|2020-10-03|EPI_ISL_636431|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Uruguay/UY-AT/2020|2020-05-20|EPI_ISL_480347|Original|hCoV-19^^Montevideo|Human|Microbial Genomics Laboratory|Microbial Genomics Laboratory|Iraola|Uruguay

>Spike|hCoV-19/Spain/VC-IBV-98003451/2020|2020-04-03|EPI_ISL_539258|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/ALDP-A851F7/2020|2020-10-16|EPI_ISL_625275|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1E72/2020|2020-11-18|EPI_ISL_720052|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29DF81/2020|2020-05-06|EPI_ISL_493503|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18897/2020|2020-11-25|EPI_ISL_785205|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/DRC/11632/2020|2020-05-25|EPI_ISL_527493|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/ALDP-A85FC0/2020|2020-10-17|EPI_ISL_610456|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4520/2020|2020-07-00|EPI_ISL_689659|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Singapore/1291/2020|2020-05-11|EPI_ISL_648776|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/MILK-B8C8BE/2020|2020-11-12|EPI_ISL_675792|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-492B0E/2020|2020-11-26|EPI_ISL_725749|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-251095-01/2020|2020-10-21|EPI_ISL_734301|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MI-QDX-1308/2020|2020-03-17|EPI_ISL_571963|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-B8418E/2020|2020-11-14|EPI_ISL_675177|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29FC8/2020|2020-04-03|EPI_ISL_432313|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-345/2020|2020-03-23|EPI_ISL_571089|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-36809/2020|2020-04-29|EPI_ISL_474716|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/UP-NBRI-N16-TCR338/2020|2020-04-01|EPI_ISL_516945|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/USA/CT-Yale-205/2020|2020-03-30|EPI_ISL_463143|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/GA-CDC-7556/2020|2020-10-23|EPI_ISL_681795|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/France/OCC-SC423/2020|2020-04-12|EPI_ISL_660376|Original|hCoV-19^^Occitanie|Human|CHU Toulouse|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/South Africa/KRISP-005/2020|2020-04-29|EPI_ISL_455630|Original|hCoV-19^^KwaZulu-Natal|Human|KRISP|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-31E0C/2020|2020-04-11|EPI_ISL_446571|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20142115101/2020|2020-03-30|EPI_ISL_465954|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC5668/2020|2020-07-19|EPI_ISL_518475|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR3517/2020|2020-05-12|EPI_ISL_473657|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-A7C2E1/2020|2020-10-15|EPI_ISL_606351|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10B2D30/2020|2020-05-15|EPI_ISL_537269|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6487/2020|2020-00-00|EPI_ISL_521265|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B09E6C/2020|2020-10-29|EPI_ISL_672961|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_21462515/2020|2020-03-00|EPI_ISL_462815|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-4602/2020|2020-09-21|EPI_ISL_621271|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC7711/2020|2020-08-04|EPI_ISL_564596|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/1026/2020|2020-06-11|EPI_ISL_699158|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/SHEF-C06BF/2020|2020-03-25|EPI_ISL_420248|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-9F70F4/2020|2020-09-27|EPI_ISL_595661|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-475/2020|2020-08-25|EPI_ISL_574787|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-95CCEA/2020|2020-06-17|EPI_ISL_554912|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20269/2020|2020-11-20|EPI_ISL_723412|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMB-8214F/2020|2020-04-21|EPI_ISL_438623|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Israel/CVL-85-ngs/2020|2020-12-27|EPI_ISL_776653|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/ALDP-649463/2020|2020-06-18|EPI_ISL_558076|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EAA32/2020|2020-09-24|EPI_ISL_580165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D262/2020|2020-04-06|EPI_ISL_442123|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-884/2020|2020-05-11|EPI_ISL_614800|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-SC444/2020|2020-04-22|EPI_ISL_660735|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|Unit\u00e9 des Virus \u00c9mergents|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-9D4B1A/2020|2020-09-19|EPI_ISL_601653|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1731/2020|2020-05-11|EPI_ISL_617950|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-3269/2020|2020-07-15|EPI_ISL_548267|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-5899/2020|2020-08-00|EPI_ISL_689014|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-8120/2020|2020-06-30|EPI_ISL_784211|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/KA-nimh-12171/2020|2020-05-06|EPI_ISL_515953|Original|hCoV-19^^Karnataka|Human|VICTORIA HOSPITAL|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Denmark/DCGC-17131/2020|2020-12-14|EPI_ISL_750331|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CHLA-PLM03763789/2020|2020-11-30|EPI_ISL_753484|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/EDB842/2020|2020-04-04|EPI_ISL_433254|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C9EC/2020|2020-11-19|EPI_ISL_742629|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-197-5085/2020|2020-03-24|EPI_ISL_574835|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/England/MILK-99B4F6/2020|2020-08-30|EPI_ISL_550402|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/SO-NVRL-73IRL69650/2020|2020-09-13|EPI_ISL_639846|Original|hCoV-19^^Sligo|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUI-9F37E4/2020|2020-09-24|EPI_ISL_588511|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21739/2020|2020-03-25|EPI_ISL_529858|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-9D1EE7/2020|2020-09-18|EPI_ISL_601700|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_30/2020|2020-03-08|EPI_ISL_414539|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Russia/SPE-RII-10167V/2020|2020-04-25|EPI_ISL_523996|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/OXON-AF364/2020|2020-00-00|EPI_ISL_478730|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9133/2020|2020-07-02|EPI_ISL_780959|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2649/2020|2020-07-01|EPI_ISL_521495|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-4F7D89/2020|2020-06-24|EPI_ISL_559279|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF959/2020|2020-10-23|EPI_ISL_623273|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EB40F/2020|2020-05-01|EPI_ISL_457429|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6212793/2020|2020-10-22|EPI_ISL_744382|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-30F37/2020|2020-04-09|EPI_ISL_446381|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1531/2020|2020-05-25|EPI_ISL_495957|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Cote d'Ivoire/BKE0349/2020|2020-06-29|EPI_ISL_681832|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|C\u00f4te d'Ivoire

>Spike|hCoV-19/USA/AZ-TG334281/2020|2020-05-26|EPI_ISL_694364|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-282/2020|2020-06-19|EPI_ISL_523624|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB7819/2020|2020-09-21|EPI_ISL_573795|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/BIRM-65CC9/2020|2020-10-09|EPI_ISL_612219|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5089/2020|2020-09-21|EPI_ISL_621627|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG381372/2020|2020-06-15|EPI_ISL_694661|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/CA-LACPHL-AF00009/2020|2020-12-01|EPI_ISL_737244|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Wales/PHWC-16C283/2020|2020-09-17|EPI_ISL_574031|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2535/2020|2020-05-00|EPI_ISL_690670|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-1180/2020|2020-04-00|EPI_ISL_684790|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA0976/2020|2020-10-22|EPI_ISL_630865|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PR-B3SB/2020|2020-08-06|EPI_ISL_534694|Original|hCoV-19^^Puerto Rico|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Singapore/765/2020|2020-06-11|EPI_ISL_509375|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/New Zealand/20CV0435/2020|2020-10-16|EPI_ISL_622777|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/NOTT-115043/2020|2020-10-13|EPI_ISL_595237|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036629769/2020|2020-10-26|EPI_ISL_650055|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Wales/PHWC-49A483/2020|2020-12-02|EPI_ISL_727550|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/regal-10031031/2020|2020-10-03|EPI_ISL_735048|Original|hCoV-19^^Rotselaar|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_MH-25/2020|2020-06-28|EPI_ISL_775008|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Brazil/RJ-00308/2020|2020-05-21|EPI_ISL_623111|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/TX-HMH-MCoV-8862/2020|2020-07-02|EPI_ISL_780534|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20CV0291/2020|2020-03-27|EPI_ISL_579081|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah124/2020|2020-03-24|EPI_ISL_437691|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/HI-H200514/2020|2020-08-16|EPI_ISL_753050|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMB-73C5F/2020|2020-04-02|EPI_ISL_433680|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/NORT-292E16/2020|2020-05-20|EPI_ISL_489140|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1077/2020|2020-04-07|EPI_ISL_433385|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/LA-CDC-1271/2020|2020-06-10|EPI_ISL_535312|Vero P1|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-18912/2020|2020-12-07|EPI_ISL_748636|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS4845603/2020|2020-03-15|EPI_ISL_419589|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MI-MDHHS-SC20004/2020|2020-03-10|EPI_ISL_424982|unknown|hCoV-19^^Michigan|Human|Bureau of Laboratories|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Italy/VEN-UniVR-98/2020|2020-03-25|EPI_ISL_751404|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/USA/TX-HMH-3795/2020|2020-06-11|EPI_ISL_543199|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-0618/2020|2020-06-06|EPI_ISL_569728|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-4756/2020|2020-08-00|EPI_ISL_689892|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-168D86/2020|2020-04-20|EPI_ISL_494363|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5326/2020|2020-11-03|EPI_ISL_730562|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/WI-GMF-20295/2020|2020-09-15|EPI_ISL_547862|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-15662/2020|2020-11-23|EPI_ISL_713947|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS7385509/2020|2020-11-20|EPI_ISL_744558|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/20134025204/2020|2020-03-23|EPI_ISL_423129|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/MH-NIV-122530/2020|2020-07-18|EPI_ISL_541690|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/England/ALDP-A708EB/2020|2020-10-14|EPI_ISL_608144|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-1398/2020|2020-04-03|EPI_ISL_444858|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/ALDP-6FCA6D/2020|2020-06-29|EPI_ISL_557399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-110427/2020|2020-04-07|EPI_ISL_451857|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-Q RTP-Donor18/2020|2020-04-01|EPI_ISL_490221|Original|hCoV-19^^California|Human|Quest Diagnostics|Q Squared Solutions - Q RTP facility|Weigman|USA

>Spike|hCoV-19/France/ARA-32195/2020|2020-04-29|EPI_ISL_678539|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-BB3DBF/2020|2020-11-20|EPI_ISL_701809|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BC723/2020|2020-09-08|EPI_ISL_568022|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CC2DBC/2020|2020-12-21|EPI_ISL_778156|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10142/2020|2020-08-14|EPI_ISL_562806|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0391a/2020|2020-04-14|EPI_ISL_454110|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/South Africa/KRISP-K003511/2020|2020-09-26|EPI_ISL_602833|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/UT-RIVM-20382/2020|2020-12-07|EPI_ISL_728602|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Brazil/SP-L25-CD665/2020|2020-04-14|EPI_ISL_672717|Original|hCoV-19^^S\u00e3o Paulo|Human|Institute of Tropical Medicine at the University of S\u00e3o Paulo (IMT-USP)|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Australia/VIC3962/2020|2020-07-15|EPI_ISL_519355|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR1928/2020|2020-04-08|EPI_ISL_484524|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-B96101/2020|2020-11-14|EPI_ISL_676203|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1812/2020|2020-04-16|EPI_ISL_433136|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/India/MH-NCCS-NR2523/2020|2020-05-24|EPI_ISL_496584|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Iceland/329/2020|2020-03-14|EPI_ISL_417658|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/MILK-BA9B49/2020|2020-11-17|EPI_ISL_681651|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1268/2020|2020-05-04|EPI_ISL_494468|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Hong Kong/VM20040263/2020|2020-07-14|EPI_ISL_523847|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Hong Kong/HKPU-1362/2020|2020-07-09|EPI_ISL_610179|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/Australia/VIC17787/2020|2020-07-28|EPI_ISL_779452|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/Denmark/DCGC-15755/2020|2020-11-23|EPI_ISL_714002|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D61F1/2020|2020-04-20|EPI_ISL_482161|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A01B5F/2020|2020-10-01|EPI_ISL_680008|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC1342/2020|2020-04-14|EPI_ISL_430683|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-33839/2020|2020-04-18|EPI_ISL_446755|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Singapore/11/2020|2020-02-02|EPI_ISL_410719|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-9B1BD7/2020|2020-09-03|EPI_ISL_566445|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4043/2020|2020-04-15|EPI_ISL_473793|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-A05BE2/2020|2020-09-30|EPI_ISL_599962|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1361/2020|2020-04-14|EPI_ISL_579737|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Portugal/PT0190/2020|2020-03-29|EPI_ISL_453906|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-A6F6E5/2020|2020-10-15|EPI_ISL_607823|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Burkina Faso/2-068-2228/2020|2020-09-06|EPI_ISL_660457|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Sourou Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/USA/IA-CDC-4052/2020|2020-03-09|EPI_ISL_647998|Original|hCoV-19^^Iowa|Human|IA State Hygienic Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/NORW-E8AB5/2020|2020-04-13|EPI_ISL_448274|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-B7DEDC/2020|2020-11-13|EPI_ISL_742255|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B2741B/2020|2020-11-04|EPI_ISL_647072|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-376/2020|2020-06-07|EPI_ISL_603023|Original|hCoV-19^^S\u00e3o Paulo|Human|Vigil\u00eancia em Sa\u00fade Visa Sul|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Scotland/CVR2096/2020|2020-04-10|EPI_ISL_490662|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2812/2020|2020-06-08|EPI_ISL_545574|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-8844/2020|2020-10-26|EPI_ISL_626114|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-2441/2020|2020-08-14|EPI_ISL_667208|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-A6E30D/2020|2020-10-15|EPI_ISL_606964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13946/2020|2020-08-15|EPI_ISL_787238|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/WSFT-25C0F9B/2020|2020-05-02|EPI_ISL_492881|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A483F/2020|2020-12-17|EPI_ISL_764737|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUIH-BC4AE1/2020|2020-11-25|EPI_ISL_704008|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20150041004/2020|2020-04-06|EPI_ISL_466231|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1568/2020|2020-05-08|EPI_ISL_458560|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A0D3/2020|2020-04-04|EPI_ISL_432391|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9509A3/2020|2020-06-14|EPI_ISL_554439|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10651/2020|2020-07-31|EPI_ISL_563016|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p1462/2020|2020-03-12|EPI_ISL_775975|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-982B75/2020|2020-08-10|EPI_ISL_552579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B634C8/2020|2020-11-09|EPI_ISL_656487|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-340102/2020|2020-10-26|EPI_ISL_721868|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUA-9B9D8E/2020|2020-09-07|EPI_ISL_568239|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A6B3F1/2020|2020-10-08|EPI_ISL_608806|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1826/2020|2020-05-16|EPI_ISL_542867|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KDCA0004/2020|2020-09-08|EPI_ISL_747245|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Australia/VIC9225/2020|2020-08-20|EPI_ISL_565453|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-CEC0C2/2020|2020-12-21|EPI_ISL_781378|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B662CB/2020|2020-11-09|EPI_ISL_661348|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9E35DE/2020|2020-09-24|EPI_ISL_585509|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/LA-CDC-1266/2020|2020-06-10|EPI_ISL_535307|Vero P1|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-B4856C/2020|2020-11-07|EPI_ISL_649415|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3392/2020|2020-05-00|EPI_ISL_691506|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-16279/2020|2020-10-30|EPI_ISL_785963|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7E012/2020|2020-10-12|EPI_ISL_638482|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC5C6/2020|2020-09-24|EPI_ISL_580341|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D509/2020|2020-03-23|EPI_ISL_483971|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2171/2020|2020-03-23|EPI_ISL_506965|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-1981/2020|2020-05-18|EPI_ISL_542934|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-14334/2020|2020-07-23|EPI_ISL_739407|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-4115/2020|2020-06-18|EPI_ISL_543382|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13302/2020|2020-08-25|EPI_ISL_788450|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-4952/2020|2020-06-20|EPI_ISL_544426|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-C342F2/2020|2020-12-11|EPI_ISL_733926|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3219E/2020|2020-11-04|EPI_ISL_646425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir9275/2020|2020-09-28|EPI_ISL_729616|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Netherlands/NB-EMC-410/2020|2020-00-00|EPI_ISL_722484|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9E9F16/2020|2020-09-24|EPI_ISL_580212|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AQ-ALSR-5261/2020|2020-10-06|EPI_ISL_730499|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Germany/NW-UBI-10/2020|2020-04-03|EPI_ISL_602291|original|hCoV-19^^North Rhine-Westphalia|Human|Evangelisches Klinikum Bethel|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/Northern Ireland/OXON-F40885/2020|2020-12-09|EPI_ISL_764539|Original|hCoV-19^^Northern Ireland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Panama/330754/2020|2020-03-12|EPI_ISL_496671|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-C57E5F/2020|2020-12-13|EPI_ISL_736061|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C7C4/2020|2020-11-19|EPI_ISL_742603|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DEDC/2020|2020-10-06|EPI_ISL_586657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F898F/2020|2020-09-27|EPI_ISL_588788|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L10-CD143/2020|2020-03-13|EPI_ISL_476173|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Wales/PHWC-4855F1/2020|2020-10-26|EPI_ISL_628198|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG640919/2020|2020-04-27|EPI_ISL_695816|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-4805AB/2020|2020-10-18|EPI_ISL_611887|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-993661/2020|2020-08-26|EPI_ISL_551928|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1353EA/2020|2020-04-13|EPI_ISL_457055|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19600/2020|2020-11-24|EPI_ISL_783970|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Israel/CVL-n-7422/2020|2020-04-11|EPI_ISL_475023|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/ALDP-5C78EA/2020|2020-06-19|EPI_ISL_558559|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02593/2020|2020-04-26|EPI_ISL_522259|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/20164010104/2020|2020-04-14|EPI_ISL_528397|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00575/2020|2020-08-07|EPI_ISL_542989|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/NOTT-10E0E3/2020|2020-03-19|EPI_ISL_425497|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-951F28/2020|2020-06-09|EPI_ISL_551322|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BE963D/2020|2020-12-03|EPI_ISL_708882|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-614/2020|2020-06-23|EPI_ISL_484989|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-Wadsworth-288623-01/2020|2020-12-16|EPI_ISL_767483|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-B55A9A/2020|2020-11-05|EPI_ISL_657367|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2690/2020|2020-06-22|EPI_ISL_497322|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14354/2020|2020-10-06|EPI_ISL_787639|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-79AF5/2020|2020-03-27|EPI_ISL_433823|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9A3FCD/2020|2020-09-01|EPI_ISL_568380|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON_MU-S679/2020|2020-04-09|EPI_ISL_463992|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-C3C6A3/2020|2020-12-10|EPI_ISL_731820|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2197/2020|2020-05-21|EPI_ISL_545175|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A1927D/2020|2020-09-30|EPI_ISL_679627|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18231/2020|2020-12-14|EPI_ISL_749829|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-99008682/2020|2020-10-06|EPI_ISL_654237|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/IC-0180/2020|2020-09-00|EPI_ISL_667609|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-498ED2/2020|2020-11-30|EPI_ISL_727226|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0993/2020|2020-04-00|EPI_ISL_684603|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-4848/2020|2020-11-04|EPI_ISL_730176|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/OXON-B2D06/2020|2020-04-14|EPI_ISL_534808|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-9C300/2020|2020-03-30|EPI_ISL_449529|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/Zeeland_35/2020|2020-04-27|EPI_ISL_461274|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-792/2020|2020-07-05|EPI_ISL_495496|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-7650/2020|2020-08-00|EPI_ISL_686752|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B6518/2020|2020-09-22|EPI_ISL_576919|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/EDB8349/2020|2020-10-05|EPI_ISL_612337|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Indonesia/JT-NIHRD-PME3225/2020|2020-07-17|EPI_ISL_791987|Original|hCoV-19^^Center Java|Human|RSUD dr. Loekmono Hadi Kudus|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/England/ALDP-9CD112/2020|2020-09-16|EPI_ISL_566407|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19215/2020|2020-11-24|EPI_ISL_783695|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-AF48A3/2020|2020-10-30|EPI_ISL_663040|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F5707/2020|2020-00-00|EPI_ISL_611762|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664242/2020|2020-04-28|EPI_ISL_696046|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-3660F/2020|2020-05-01|EPI_ISL_474690|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1429/2020|2020-03-28|EPI_ISL_511388|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-A67841/2020|2020-10-09|EPI_ISL_630644|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/CS-28/2020|2020-04-21|EPI_ISL_666608|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f8vestad|Norway

>Spike|hCoV-19/England/MILK-A6A6BD/2020|2020-10-09|EPI_ISL_627514|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-7E322/2020|2020-04-17|EPI_ISL_433471|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-1B5CE7/2020|2020-08-20|EPI_ISL_529524|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/VIC4731/2020|2020-07-14|EPI_ISL_519119|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-66A9D6/2020|2020-07-02|EPI_ISL_558205|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/NAQ-SC251/2020|2020-03-16|EPI_ISL_645174|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/FL-BPHL-2025/2020|2020-03-13|EPI_ISL_653178|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-A58667/2020|2020-10-09|EPI_ISL_597046|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B079D6/2020|2020-10-30|EPI_ISL_643963|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24AB2/2020|2020-11-04|EPI_ISL_647098|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-4299/2020|2020-07-17|EPI_ISL_527648|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMC-BC197E/2020|2020-11-22|EPI_ISL_704302|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-7957/2020|2020-05-00|EPI_ISL_687058|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-C32F75/2020|2020-12-11|EPI_ISL_734089|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20700/2020|2020-12-19|EPI_ISL_790767|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response

team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/QEUEH-9F3535/2020|2020-09-24|EPI_ISL_588631|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC2278/2020|2020-06-27|EPI_ISL_522000|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Australia/VIC3099/2020|2020-07-04|EPI_ISL_520806|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/SHEF-CB9AC/2020|2020-04-24|EPI_ISL_479249|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Portugal/PT1947/2020|2020-11-11|EPI_ISL_732174|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19/England/NORW-EED89/2020|2020-11-29|EPI_ISL_704908|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6185/2020|2020-07-04|EPI_ISL_547297|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/VIC8586/2020|2020-08-15|EPI_ISL_565101|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-4A1665/2020|2020-12-10|EPI_ISL_743706|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Switzerland/Vs-ETHZ-320408/2020|2020-10-12|EPI_ISL_737833|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/MA-MGH-00097/2020|2020-03-24|EPI_ISL_460326|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/England/CAMB-7B510/2020|2020-04-13|EPI_ISL_433970|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC21813/2020|2020-06-29|EPI_ISL_565856|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Chile/RM-CMM-0007M/2020|2020-05-01|EPI_ISL_629020|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Centro de Biotecnolog\u00eda Vegetal|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile
>Spike|hCoV-19/Denmark/DCGC-3371/2020|2020-08-31|EPI_ISL_616128|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUEH-B69B36/2020|2020-11-11|EPI_ISL_661547|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-4969/2020|2020-09-21|EPI_ISL_621507|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NORT-28B205/2020|2020-04-18|EPI_ISL_469305|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-UM-2006S001095/2020|2020-04-18|EPI_ISL_495578|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Italy/UMB-IZSUM-48682-6/2020|2020-10-29|EPI_ISL_763324|Original|hCoV-19^^Umbria|Human|Istituto Zooprofilattico Sperimentale dell' Umbria e delle Marche - Togo Rosati|Istituto Superiore di Sanit\u00e0|De Sabato|Italy

>Spike|hCoV-19/England/LEED-2A9D1F/2020|2020-03-29|EPI_ISL_538968|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D4B20/2020|2020-10-15|EPI_ISL_611983|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-1502/2020|2020-04-00|EPI_ISL_685109|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204291476/2020|2020-10-16|EPI_ISL_649810|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E419/2020|2020-10-15|EPI_ISL_607874|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-837/2020|2020-05-03|EPI_ISL_509844|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-5573/2020|2020-08-00|EPI_ISL_688698|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B251BC/2020|2020-11-04|EPI_ISL_646787|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC228b/2020|2020-06-11|EPI_ISL_476866|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMC-C994B9/2020|2020-12-17|EPI_ISL_762183|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CAD8E3/2020|2020-12-20|EPI_ISL_760985|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0525/2020|2020-04-07|EPI_ISL_569571|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/India/TG-CCMB-M950/2020|2020-06-13|EPI_ISL_495266|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/PHWC-16C98E/2020|2020-06-01|EPI_ISL_572612|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B322E6/2020|2020-11-05|EPI_ISL_659210|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008893/2020|2020-05-26|EPI_ISL_525007|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/SC-DHEC-0550/2020|2020-06-19|EPI_ISL_529089|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores,H.|USA

>Spike|hCoV-19/England/CAMC-9EBD83/2020|2020-09-24|EPI_ISL_584419|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10176/2020|2020-05-12|EPI_ISL_672245|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/205141190/2020|2020-12-16|EPI_ISL_756144|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/England/SHEF-C3F84/2020|2020-04-03|EPI_ISL_432785|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3D6E/2020|2020-12-12|EPI_ISL_764626|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AD2B0C/2020|2020-10-27|EPI_ISL_644033|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CA71/2020|2020-11-02|EPI_ISL_664843|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/France/OCC-37/2020|2020-06-23|EPI_ISL_591545|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|Latour|France

>Spike|hCoV-19/England/SHEF-C517D/2020|2020-04-27|EPI_ISL_475381|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/OXON-B070A/2020|2020-04-10|EPI_ISL_478904|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B21332/2020|2020-11-03|EPI_ISL_647163|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A4F988/2020|2020-10-07|EPI_ISL_597857|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F8E0/2020|2020-11-02|EPI_ISL_641974|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0703/2020|2020-04-00|EPI_ISL_684313|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/QEUEH-96DCAA/2020|2020-08-20|EPI_ISL_530650|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94F910/2020|2020-06-16|EPI_ISL_555222|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11C914/2020|2020-11-17|EPI_ISL_665543|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC12647/2020|2020-07-25|EPI_ISL_592043|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-A4CD70/2020|2020-10-05|EPI_ISL_596052|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20491/2020|2020-10-26|EPI_ISL_728706|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMC-BBCE59/2020|2020-11-21|EPI_ISL_705613|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-8E5397/2020|2020-06-25|EPI_ISL_556597|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20154083704/2020|2020-04-07|EPI_ISL_466273|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Romania/ROSV_4730/2020|2020-04-26|EPI_ISL_491079|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Denmark/DCGC-10104/2020|2020-11-09|EPI_ISL_669395|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20118172104/2020|2020-03-13|EPI_ISL_464995|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-Yale-025/2020|2020-03-19|EPI_ISL_420093|Original|hCoV-19^^New York|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/WA-S413/2020|2020-03-26|EPI_ISL_434173|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-CB52DB/2020|2020-12-18|EPI_ISL_761765|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957AC7/2020|2020-06-09|EPI_ISL_554223|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-04-UMTL-95QV/2020|2020-04-03|EPI_ISL_479759|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/England/BRIS-18542EE/2020|2020-04-28|EPI_ISL_492274|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/135/2020|2020-03-10|EPI_ISL_434476|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Wales/PHWC-351A5/2020|2020-04-25|EPI_ISL_474436|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-916/2020|2020-07-12|EPI_ISL_509917|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-972/2020|2020-10-05|EPI_ISL_722595|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/PV-IBV-001542/2020|2020-03-15|EPI_ISL_509618|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/20132096004/2020|2020-03-23|EPI_ISL_423829|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20IRL51314/2020|2020-09-30|EPI_ISL_639893|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-A2ED1A/2020|2020-10-05|EPI_ISL_587242|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8F7EB/2020|2020-11-13|EPI_ISL_674753|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020214860/2020|2020-07-16|EPI_ISL_510878|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/OR-OHSU-2151/2020|2020-08-05|EPI_ISL_667128|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Brazil/SP-L17-CD328/2020|2020-03-27|EPI_ISL_476300|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/QEUA-9F9DA0/2020|2020-09-26|EPI_ISL_595765|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03452/2020|2020-11-16|EPI_ISL_765844|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUA-9605CA/2020|2020-08-03|EPI_ISL_531961|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C240BF/2020|2020-12-06|EPI_ISL_733808|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13A242/2020|2020-11-03|EPI_ISL_664398|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-2-3714076/2020|2020-09-02|EPI_ISL_751731|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Switzerland/GR-ETHZ-340106/2020|2020-10-26|EPI_ISL_721815|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/ITM-C5185/2020|2020-09-16|EPI_ISL_582130|Original|hCoV-19^^Edegem|Human|Antwerp University Hospital|Institute of Tropical Medicine|Selhorst|Belgium

>Spike|hCoV-19/England/CAMB-7325d/2020|2020-03-22|EPI_ISL_440176|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR1085/2020|2020-03-29|EPI_ISL_433508|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2277/2020|2020-10-24|EPI_ISL_723516|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/NORT-28928F/2020|2020-03-28|EPI_ISL_458640|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-108/2020|2020-04-22|EPI_ISL_530037|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/USA/WI-UW-1930/2020|2020-09-24|EPI_ISL_677339|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/IC-0603/2021|2021-01-00|EPI_ISL_779689|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12A61C/2020|2020-04-29|EPI_ISL_458345|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19857/2020|2020-12-07|EPI_ISL_747832|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AC89D2/2020|2020-10-22|EPI_ISL_629652|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3053/2020|2020-08-07|EPI_ISL_549082|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/MI-MDHHS-SC20720/2020|2020-04-20|EPI_ISL_471744|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-5132/2020|2020-09-21|EPI_ISL_621670|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B5DAFC/2020|2020-11-10|EPI_ISL_704395|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR1695/2020|2020-04-05|EPI_ISL_433655|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B69C33/2020|2020-11-11|EPI_ISL_655012|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-508/2020|2020-11-05|EPI_ISL_729785|Original|hCoV-19^^Connecticut|Human|Grubaugh Lab - Yale School of Public Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Wales/PHWC-47E31F/2020|2020-10-11|EPI_ISL_595438|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-350473/2020|2020-11-03|EPI_ISL_728836|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Saudi Arabia/KAUST-jeddah839/2020|2020-05-24|EPI_ISL_636972|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology (KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Wales/PHWC-48ABAF/2020|2020-11-05|EPI_ISL_666129|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7594/2020|2020-07-00|EPI_ISL_686696|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-1820/2020|2020-04-00|EPI_ISL_685426|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG412678/2020|2020-06-25|EPI_ISL_694984|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/LIVE-A6093/2020|2020-03-21|EPI_ISL_499681|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF5B7C/2020|2020-10-30|EPI_ISL_663184|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2576/2020|2020-08-17|EPI_ISL_616407|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS8672733/2020|2020-11-01|EPI_ISL_744783|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NOTT-1104B5/2020|2020-04-19|EPI_ISL_441521|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Sweden/20-52279/2020|2020-07-05|EPI_ISL_560982|Original|hCoV-19^^Stockholm|Human|Karolinska universitetslaboratoriet SOLNA|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Spain/AN-IBV-002983/2020|2020-03-31|EPI_ISL_474908|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC8974/2020|2020-07-28|EPI_ISL_565325|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/CL-IBV-97006232/2020|2020-04-14|EPI_ISL_537378|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Guangdong/20SF616/2020|2020-01-24|EPI_ISL_428465|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/England/BRIS-127381/2020|2020-04-22|EPI_ISL_469779|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R12723-20/2020|2020-06-16|EPI_ISL_504243|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Australia/VIC15214/2020|2020-08-03|EPI_ISL_593193|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/202822193/2020|2020-05-28|EPI_ISL_490249|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6484/2020|2020-12-16|EPI_ISL_765040|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-97788B/2020|2020-07-25|EPI_ISL_550506|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV16514/2020|2020-05-12|EPI_ISL_463052|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/CAMC-9D23C9/2020|2020-09-18|EPI_ISL_601604|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FCD4C/2020|2020-04-27|EPI_ISL_489326|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036438245/2020|2020-10-14|EPI_ISL_610111|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/CA-CZB-1785/2020|2020-06-05|EPI_ISL_486118|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/ALDP-6D1A04/2020|2020-07-02|EPI_ISL_556143|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20306/2020|2020-11-21|EPI_ISL_723445|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Spain/VC-FISABIO-118/2020|2020-03-13|EPI_ISL_436213|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/QEUH-B7C839/2020|2020-11-14|EPI_ISL_741793|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-CDE306/2020|2020-12-26|EPI_ISL_782306|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA317B/2020|2020-10-22|EPI_ISL_630961|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28406C/2020|2020-05-04|EPI_ISL_488622|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16450/2020|2020-11-16|EPI_ISL_714774|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-UHTC_0022/2020|2020-03-31|EPI_ISL_464055|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC20912/2020|2020-04-29|EPI_ISL_476048|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-10C9F12/2020|2020-12-19|EPI_ISL_741967|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-106AA1/2020|2020-05-20|EPI_ISL_501048|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A935FA/2020|2020-10-20|EPI_ISL_611056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8269/2020|2020-07-07|EPI_ISL_784300|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-6461/2020|2020-10-12|EPI_ISL_620361|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/DRC/1779/2020|2020-04-10|EPI_ISL_435158|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/USA/FL-BPHL-0356/2020|2020-04-13|EPI_ISL_489765|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-A9477B/2020|2020-10-19|EPI_ISL_624675|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1190/2020|2020-08-20|EPI_ISL_526676|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-9B4A8C/2020|2020-09-03|EPI_ISL_590185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-47430/2020|2020-12-11|EPI_ISL_776742|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC15633/2020|2020-07-30|EPI_ISL_593388|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-2971/2020|2020-09-07|EPI_ISL_667438|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-3060/2020|2020-08-24|EPI_ISL_616840|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00231860/2020|2020-03-20|EPI_ISL_535965|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Chicoutimi|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Australia/VIC14014/2020|2020-09-16|EPI_ISL_563929|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012922250/2020|2020-06-18|EPI_ISL_746474|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/QEUEH-77ADF4/2020|2020-07-15|EPI_ISL_533172|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B41AA0/2020|2020-11-08|EPI_ISL_658530|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF91D/2020|2020-10-23|EPI_ISL_631171|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regal-12141311/2020|2020-12-14|EPI_ISL_738365|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Singapore/95/2020|2020-03-18|EPI_ISL_435700|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Serbia/Sremska Mitrovica-011821207/2020|2020-07-11|EPI_ISL_676575|Original|hCoV-19^^Sremska Mitrovica|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/Finland/24ES15B12/2020|2020-08-24|EPI_ISL_759809|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/France/PDL-SC627/2020|2020-04-01|EPI_ISL_649178|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-62D81E/2020|2020-07-05|EPI_ISL_557953|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15270/2020|2020-10-19|EPI_ISL_786754|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-4A723E/2020|2020-06-13|EPI_ISL_559463|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/647/2020|2020-05-06|EPI_ISL_493407|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Portugal/PT1442/2020|2020-03-25|EPI_ISL_511401|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/BRIS-122F46/2020|2020-04-01|EPI_ISL_440786|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC4394/2020|2020-07-13|EPI_ISL_519690|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1299/2020|2020-05-14|EPI_ISL_495749|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/NC-IBV-001373/2020|2020-03-13|EPI_ISL_452528|Original|hCoV-19^^Navarra|Human|Cl\u00e9nica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00e9nica|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/regal-09221148/2020|2020-09-22|EPI_ISL_738236|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/IL-NM012/2020|2020-03-17|EPI_ISL_444524|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/UT-UPHL-2012105352/2020|2020-07-27|EPI_ISL_745797|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-7450/2020|2020-07-00|EPI_ISL_688552|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-292753-01/2020|2020-12-19|EPI_ISL_769931|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Portugal/PT0640/2020|2020-03-29|EPI_ISL_510901|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Switzerland/GE-SNRCI-6699/2020|2020-03-00|EPI_ISL_548178|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Australia/VIC4512/2020|2020-07-19|EPI_ISL_518923|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-C14665/2020|2020-12-06|EPI_ISL_709404|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Flevoland_17/2020|2020-05-22|EPI_ISL_460840|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC4242/2020|2020-00-00|EPI_ISL_519570|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Austria/CeMM0198/2020|2020-03-14|EPI_ISL_438039|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/CA-CZB-13331/2020|2020-11-02|EPI_ISL_672437|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-17593/2020|2020-12-14|EPI_ISL_751092|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C212C/2020|2020-09-11|EPI_ISL_566438|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3235C/2020|2020-11-03|EPI_ISL_659167|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22267/2020|2020-12-14|EPI_ISL_757838|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49E698/2020|2020-12-07|EPI_ISL_743032|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B0F349/2020|2020-11-02|EPI_ISL_642204|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491612/2020|2020-06-24|EPI_ISL_695194|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/FL-BPHL-1397/2020|2020-04-13|EPI_ISL_549179|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BRIS-12377A/2020|2020-04-02|EPI_ISL_442784|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1173/2020|2020-12-20|EPI_ISL_763248|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OH-UW-2397/2020|2020-12-05|EPI_ISL_754667|Original|hCoV-19^^Ohio|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Denmark/DCGC-6522/2020|2020-10-05|EPI_ISL_619422|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8682D/2020|2020-11-13|EPI_ISL_674072|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8942/2020|2020-07-02|EPI_ISL_780848|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/DL-IGIB-1130078/2020|2020-06-00|EPI_ISL_641354|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR Institute of Genomics and Integrative Biology (CSIR-IGIB) / Max|Pandey|India

>Spike|hCoV-19/Australia/SAP559/2020|2020-11-16|EPI_ISL_654802|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-13029/2020|2020-08-28|EPI_ISL_788180|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/HI-H200337/2020|2020-08-16|EPI_ISL_752895|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-1779/2020|2020-04-00|EPI_ISL_685385|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16625C/2020|2020-06-22|EPI_ISL_490856|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC5773/2020|2020-07-21|EPI_ISL_518571|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2907/2020|2020-08-17|EPI_ISL_616541|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-NM0116/2020|2020-03-19|EPI_ISL_444599|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Hungary/MH-6633/2020|2020-05-11|EPI_ISL_526220|Original|hCoV-19^^Pest county|Human|Hungarian Defence Forces Military Medical Centre|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/QEUH-9F5FEA/2020|2020-09-25|EPI_ISL_588400|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15011/2020|2020-10-16|EPI_ISL_786495|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14401/2020|2020-11-30|EPI_ISL_711745|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BDC4AC/2020|2020-11-26|EPI_ISL_709696|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B494/2020|2020-11-04|EPI_ISL_666240|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CF96C/2020|2020-05-23|EPI_ISL_475481|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LOND-126169D/2020|2020-03-29|EPI_ISL_524706|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-951BBB/2020|2020-06-10|EPI_ISL_551285|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F0CE8/2020|2020-09-24|EPI_ISL_589573|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4719/2020|2020-07-13|EPI_ISL_519107|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MD-HP00129/2020|2020-03-30|EPI_ISL_457818|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Cote d'Ivoire/BKE0880/2020|2020-08-17|EPI_ISL_614387|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1038/2020|2020-06-13|EPI_ISL_513074|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/AK-PHL640/2020|2020-06-26|EPI_ISL_586248|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/MILK-ACD032/2020|2020-10-21|EPI_ISL_634445|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9B592/2020|2020-04-02|EPI_ISL_449464|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB992/2020|2020-04-20|EPI_ISL_470194|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-78/2020|2020-03-17|EPI_ISL_460065|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-77C79/2020|2020-04-01|EPI_ISL_440815|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/NGS-CD-365/2020|2020-04-24|EPI_ISL_481263|Vero|hCoV-19^^Nagasaki|Human|Department of Emerging Infectious Diseases|Department of Emerging Infectious Diseases|Abe|Japan

>Spike|hCoV-19/England/QEUIH-9FB649/2020|2020-09-29|EPI_ISL_588077|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC371/2020|2020-09-21|EPI_ISL_580550|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-BCCADA/2020|2020-11-25|EPI_ISL_704544|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4648424/2020|2020-11-09|EPI_ISL_740515|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUIH-96A8B8/2020|2020-08-12|EPI_ISL_530807|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-HUG-2164/2020|2020-03-17|EPI_ISL_429208|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/England/NORW-EBEC5/2020|2020-05-07|EPI_ISL_457519|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-0708/2020|2020-04-00|EPI_ISL_684318|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/GE-SNRCI-7836/2020|2020-03-00|EPI_ISL_548204|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\|u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/USA/CA-CZB-10796/2020|2020-06-25|EPI_ISL_583056|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MD-MDH-0242/2020|2020-10-02|EPI_ISL_602265|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/BIRM-61340/2020|2020-04-28|EPI_ISL_477763|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Australia/VIC5752/2020|2020-07-21|EPI_ISL_518550|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYUMC340/2020|2020-04-07|EPI_ISL_430367|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/EDB025/2020|2020-03-15|EPI_ISL_425831|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-95581A/2020|2020-06-12|EPI_ISL_554523|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B76EB5/2020|2020-11-12|EPI_ISL_723823|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-S1634/2020|2020-05-27|EPI_ISL_496060|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/QEUEH-BA14DD/2020|2020-11-18|EPI_ISL_757213|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A52797/2020|2020-10-07|EPI_ISL_598068|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-991584/2020|2020-08-28|EPI_ISL_552166|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SCCPHD-UC113/2020|2020-03-03|EPI_ISL_435592|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/MILK-C78A18/2020|2020-12-15|EPI_ISL_756818|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/630/2020|2020-02-06|EPI_ISL_493390|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Italy/ABR-IZSGC-TE5547/2020|2020-03-20|EPI_ISL_436722|Original|hCoV-19^^Abruzzo|Human|Ospedale Civile S. Liberatore di Atri|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/USA/WA-UW-4779/2020|2020-03-29|EPI_ISL_461432|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-16B54F/2020|2020-09-15|EPI_ISL_560301|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7950/2020|2020-06-26|EPI_ISL_545733|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-CA55E/2020|2020-05-05|EPI_ISL_493695|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-234D91/2020|2020-10-19|EPI_ISL_764395|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Portugal/PT1146/2020|2020-04-08|EPI_ISL_511693|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/BRIS-12ECCB/2020|2020-04-21|EPI_ISL_488313|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/OY-NVRL-20G31858/2020|2020-03-17|EPI_ISL_605079|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/USA/WA-S1417/2020|2020-05-19|EPI_ISL_495867|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-14705/2020|2020-11-23|EPI_ISL_711919|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-QDX-2313/2020|2020-03-13|EPI_ISL_604620|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20126045602/2020|2020-03-18|EPI_ISL_418767|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/SP-619/2020|2020-04-13|EPI_ISL_515562|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal Doutor Alexandre Zaio|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-9916/2020|2020-11-09|EPI_ISL_669270|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C58902/2020|2020-12-14|EPI_ISL_736028|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL519/2020|2020-08-03|EPI_ISL_578923|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/NOTT-10FEAC/2020|2020-04-09|EPI_ISL_441453|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42195540/2020|2020-03-17|EPI_ISL_528178|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUH-B68D7D/2020|2020-11-11|EPI_ISL_662119|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009217/2020|2020-05-15|EPI_ISL_525217|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CO-CDPHE-2100023473/2020|2020-11-19|EPI_ISL_771332|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Brazil/SP-L32-CD839/2020|2020-04-16|EPI_ISL_722033|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/England/ALDP-951007/2020|2020-06-13|EPI_ISL_554280|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-QC-800/2020|2020-04-26|EPI_ISL_452217|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/NORW-E8727/2020|2020-00-00|EPI_ISL_448228|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F1013965/2020|2020-10-12|EPI_ISL_708387|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/20134068904/2020|2020-03-24|EPI_ISL_423160|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9A8AC7/2020|2020-08-31|EPI_ISL_550171|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D0A9/2020|2020-10-06|EPI_ISL_586857|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA-EHC-086H/2020|2020-03-10|EPI_ISL_455356|Original|hCoV-19^^Georgia|Human|Emory Molecular Diagnostics Laboratory|Piantadosi Lab|Piantadosi|USA

>Spike|hCoV-19/South Africa/KRISP-K003758/2020|2020-09-28|EPI_ISL_602929|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Italy/SIC-IZSBM193-67/2020|2020-06-00|EPI_ISL_582846|Original|hCoV-19^^Sicily|Human|Laboratorio di Riferimento Regionale della Sicilia Occidentale per l'Emergenza COVID-19|Istituto Zooprofilattico Sperimentale della Sicilia|Reale|Italy

>Spike|hCoV-19/USA/CA-ALSR-2382/2020|2020-07-06|EPI_ISL_635451|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUH-9F856D/2020|2020-09-27|EPI_ISL_600878|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0541/2020|2020-04-03|EPI_ISL_480197|Original|hCoV-19^^HokurikuShinsyu|Human|Toyama Institute of Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS9580764/2020|2020-11-09|EPI_ISL_744943|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/CVR2284/2020|2020-04-13|EPI_ISL_448175|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-9DDBC6/2020|2020-09-21|EPI_ISL_599777|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-10385/2020|2020-03-23|EPI_ISL_636501|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Australia/VIC4724/2020|2020-07-14|EPI_ISL_519112|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/1364/2020|2020-06-25|EPI_ISL_648715|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/MILK-A6BA74/2020|2020-10-09|EPI_ISL_608755|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9455/2020|2020-11-09|EPI_ISL_668980|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1602/2020|2020-07-05|EPI_ISL_693605|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/MILK-973175/2020|2020-08-20|EPI_ISL_575842|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9E948/2020|2020-04-11|EPI_ISL_453345|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0579/2020|2020-07-08|EPI_ISL_498117|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/20180032304/2020|2020-04-24|EPI_ISL_465436|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-5874/2020|2020-08-00|EPI_ISL_688989|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-166E94/2020|2020-06-11|EPI_ISL_494124|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499FA1/2020|2020-11-25|EPI_ISL_727475|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002175/2020|2020-07-09|EPI_ISL_515577|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/AZ-TG395900/2020|2020-06-05|EPI_ISL_694744|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-2459/2020|2020-05-21|EPI_ISL_513865|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-S2442/2020|2020-06-16|EPI_ISL_497074|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/NA_354/2020|2020-04-07|EPI_ISL_455158|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-8020/2020|2020-10-26|EPI_ISL_617071|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-225/2020|2020-07-01|EPI_ISL_699879|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-12554/2020|2020-09-30|EPI_ISL_790387|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-19095/2020|2020-12-07|EPI_ISL_748294|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-00033/2020|2020-00-00|EPI_ISL_548714|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/South Africa/Tygerberg_21/2020|2020-04-09|EPI_ISL_464132|Original|hCoV-19^^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/Portugal/PT1544/2020|2020-06-21|EPI_ISL_693558|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-C30654/2020|2020-12-07|EPI_ISL_782990|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B493C/2020|2020-06-04|EPI_ISL_473487|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/204291949/2020|2020-10-18|EPI_ISL_660743|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-8822/2020|2020-08-00|EPI_ISL_686404|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-102708/2020|2020-04-18|EPI_ISL_469857|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-483/2020|2020-08-09|EPI_ISL_577913|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Latvia/120/2020|2020-07-31|EPI_ISL_534209|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/France/PAC-MEPHI-2221/2020|2020-10-02|EPI_ISL_644528|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-18504/2020|2020-11-20|EPI_ISL_784852|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20144014504/2020|2020-03-31|EPI_ISL_423509|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-A6357B/2020|2020-10-12|EPI_ISL_596120|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-UW-9600/2020|2020-05-22|EPI_ISL_570267|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/LA-EVTL1061/2020|2020-11-27|EPI_ISL_768331|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Luxembourg/LNS0829711/2020|2020-11-05|EPI_ISL_739836|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/India/MH-ACTREC-093/2020|2020-05-22|EPI_ISL_699749|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-19537/2020|2020-11-17|EPI_ISL_783913|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AC15D/2020|2020-04-28|EPI_ISL_444377|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1210/2020|2020-03-18|EPI_ISL_631671|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15717/2020|2020-07-09|EPI_ISL_785401|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9B5FE6/2020|2020-08-28|EPI_ISL_572981|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Gibraltar/204841769/2020|2020-00-00|EPI_ISL_671334|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Denmark/DCGC-4079/2020|2020-09-14|EPI_ISL_622035|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14091/2020|2020-11-30|EPI_ISL_711561|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CAMC-A82ED5/2020|2020-10-13|EPI_ISL_625294|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2884/2020|2020-09-04|EPI_ISL_667385|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/NOTT-114C22/2020|2020-10-10|EPI_ISL_584765|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22267/2020|2020-11-02|EPI_ISL_666933|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Beijing/ICDC-DT005/2020|2020-02-05|EPI_ISL_412386|Original|hCoV-19^^Beijing|Human|Beijing Ditan Hospital|National Institute for Communicable Disease Control and Prevention|Lu|China

>Spike|hCoV-19/Australia/VIC6340/2020|2020-07-20|EPI_ISL_518322|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC15084/2020|2020-08-11|EPI_ISL_593130|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-1718/2020|2020-03-20|EPI_ISL_424210|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/VA-DCLS-2165/2020|2020-11-06|EPI_ISL_677194|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/India/GJ-GBRC24b/2020|2020-04-26|EPI_ISL_437454|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/TX-HMH-5689/2020|2020-06-26|EPI_ISL_546946|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B33A47/2020|2020-11-05|EPI_ISL_659231|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0260/2020|2020-05-04|EPI_ISL_480911|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-ALSR-4331/2020|2020-10-06|EPI_ISL_648976|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/IC-0611/2020|2020-12-00|EPI_ISL_779697|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B2D406/2020|2020-11-04|EPI_ISL_659968|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20421/2020|2020-03-17|EPI_ISL_452295|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-9CB85B/2020|2020-09-16|EPI_ISL_575621|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A4BB2C/2020|2020-10-05|EPI_ISL_628510|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/ON-S246/2020|2020-03-27|EPI_ISL_755831|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/MILK-B952B4/2020|2020-11-13|EPI_ISL_673633|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4839/2020|2020-10-21|EPI_ISL_624523|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1527/2020|2020-09-03|EPI_ISL_605405|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/LOND-124DA7D/2020|2020-00-00|EPI_ISL_584636|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19/England/QEUA-A029AF/2020|2020-09-29|EPI_ISL_584939|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Brazil/RS-00667/2020|2020-11-26|EPI_ISL_770609|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil
>Spike|hCoV-19/England/CAMC-B325ED/2020|2020-11-05|EPI_ISL_659362|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B270CC/2020|2020-11-04|EPI_ISL_664386|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/USA/CT-Yale-032/2020|2020-03-18|EPI_ISL_428370|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spike|hCoV-19/USA/LA-EVTL1023/2020|2020-08-25|EPI_ISL_653714|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Canada/ON-OICR-SLB2830/2020|2020-04-03|EPI_ISL_538356|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
>Spike|hCoV-19/Netherlands/UT-EMC-53/2020|2020-05-22|EPI_ISL_523530|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/CA-SEARCH-5545/2020|2020-12-01|EPI_ISL_755286|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/DRC/4084/2020|2020-04-27|EPI_ISL_471407|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo
>Spike|hCoV-19/Denmark/DCGC-4727/2020|2020-09-14|EPI_ISL_622166|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-A84C06/2020|2020-10-16|EPI_ISL_610604|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B75A85/2020|2020-11-12|EPI_ISL_664931|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Australia/VIC6461/2020|2020-07-22|EPI_ISL_521239|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUA-A60BF4/2020|2020-10-13|EPI_ISL_665387|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/20194008304/2020|2020-05-04|EPI_ISL_465607|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Canada/MB-NML-583/2020|2020-03-31|EPI_ISL_582273|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC21078/2020|2020-03-29|EPI_ISL_507854|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-C8391D/2020|2020-12-17|EPI_ISL_762549|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/113nan/2020|2020-03-17|EPI_ISL_538448|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Japan/PG-4157/2020|2020-07-00|EPI_ISL_692396|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B61FD8/2020|2020-11-08|EPI_ISL_656347|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/EX-IBV-005006/2020|2020-03-13|EPI_ISL_510315|Original|hCoV-19^^Extremadura|Human|Hospital San Pedro de Alc\u00e9ntara (C\u00e9rcer)|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-16A267/2020|2020-09-06|EPI_ISL_535222|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-768A5C/2020|2020-07-15|EPI_ISL_532969|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2686/2020|2020-07-01|EPI_ISL_521527|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/IL-UW-2079/2020|2020-10-19|EPI_ISL_677484|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-3371/2020|2020-06-12|EPI_ISL_544155|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18540/2020|2020-12-07|EPI_ISL_750030|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_587/2020|2020-00-00|EPI_ISL_460751|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-33EEC/2020|2020-04-16|EPI_ISL_446839|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9C539C/2020|2020-09-10|EPI_ISL_567875|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA48FD/2020|2020-10-21|EPI_ISL_624280|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C23C/2020|2020-12-07|EPI_ISL_742528|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1130/2020|2020-12-07|EPI_ISL_768399|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/OXON-ACB05/2020|2020-04-06|EPI_ISL_448509|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-1DDAC1/2020|2020-09-27|EPI_ISL_611743|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18067/2020|2020-11-16|EPI_ISL_784415|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B7C8C0/2020|2020-11-14|EPI_ISL_741798|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4315/2020|2020-09-07|EPI_ISL_615752|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-1574/2020|2020-03-19|EPI_ISL_423019|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Weifang/WF0012/2020|2020-02-00|EPI_ISL_413697|Original|hCoV-19^^Weifang|Human|Weifang Center for Disease Control and Prevention|Weifang Center for Disease Control and Prevention & BGI-Shenzhen|Li|China

>Spike|hCoV-19/England/QEUH-A76320/2020|2020-10-13|EPI_ISL_613317|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4078/2020|2020-06-18|EPI_ISL_543349|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9C0DC/2020|2020-04-01|EPI_ISL_449508|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4064/2020|2020-09-14|EPI_ISL_622020|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A68770/2020|2020-10-12|EPI_ISL_608691|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22911/2020|2020-11-01|EPI_ISL_647452|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8417/2020|2020-07-24|EPI_ISL_564998|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A7C9A0/2020|2020-10-16|EPI_ISL_607412|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15219/2020|2020-08-03|EPI_ISL_593198|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-6CE92B/2020|2020-07-02|EPI_ISL_556215|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1650/2020|2020-07-03|EPI_ISL_594339|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-5933/2020|2020-00-00|EPI_ISL_689048|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19530/2020|2020-11-30|EPI_ISL_783906|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-4F43A8/2020|2020-06-24|EPI_ISL_559225|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18566/2020|2020-11-20|EPI_ISL_784914|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MD-MDH-0038/2020|2020-04-09|EPI_ISL_486917|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Wales/PHWC-4A488A/2020|2020-12-14|EPI_ISL_764741|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22094/2020|2020-08-03|EPI_ISL_570624|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/South Africa/KRISP-K002661/2020|2020-08-03|EPI_ISL_535529|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-CZB-1427/2020|2020-03-21|EPI_ISL_468398|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/CAMC-9C05AA/2020|2020-09-08|EPI_ISL_573191|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-BB0189/2020|2020-11-18|EPI_ISL_720215|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C57FB6/2020|2020-12-14|EPI_ISL_735943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D54E8/2020|2020-00-00|EPI_ISL_765118|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0540/2020|2020-06-15|EPI_ISL_525837|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/QEUEH-B82557/2020|2020-11-14|EPI_ISL_661686|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CN-IBV-97006520/2020|2020-04-05|EPI_ISL_537725|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnrj22/2020|2020-11-00|EPI_ISL_770541|Original|hCoV-19^^Jonavos apskritis|Human|Private lab|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Scotland/QEUEH-A1FBF4/2020|2020-10-01|EPI_ISL_599105|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1102/2020|2020-08-04|EPI_ISL_526588|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Bangladesh/CHRF-0010/2020|2020-05-03|EPI_ISL_468078|Original|hCoV-19^^Dhaka|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/England/ALDP-5ADA02/2020|2020-06-16|EPI_ISL_558721|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AA0017/2020|2020-10-20|EPI_ISL_652700|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4F25/2020|2020-10-21|EPI_ISL_630839|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A914/2020|2020-11-15|EPI_ISL_673323|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C7603/2020|2020-05-16|EPI_ISL_568845|Original|hCoV-19^^Kwale|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/MILK-99D807/2020|2020-08-30|EPI_ISL_550703|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2300/2020|2020-06-24|EPI_ISL_522021|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC2069/2020|2020-06-14|EPI_ISL_480758|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-C4B771/2020|2020-12-13|EPI_ISL_769773|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/24MS5H7/2020|2020-03-24|EPI_ISL_759817|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMC-B98CE0/2020|2020-11-15|EPI_ISL_673626|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-501ED3/2020|2020-06-25|EPI_ISL_559178|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EA53/2020|2020-10-15|EPI_ISL_607913|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31F18/2020|2020-04-07|EPI_ISL_446585|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20819/2020|2020-05-13|EPI_ISL_471840|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Beijing/Wuhan_IME-BJ02/2020|2020-01-25|EPI_ISL_424356|unknown|hCoV-19^^Beijing|Human|Beijing Institute of Microbiology and Epidemiology|Beijing Institute of Microbiology and Epidemiology|Submitter|China

>Spike|hCoV-19/Denmark/DCGC-2046/2020|2020-04-13|EPI_ISL_619337|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG664512/2020|2020-04-20|EPI_ISL_696134|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Sweden/20-07044/2020|2020-04-05|EPI_ISL_445230|Original|hCoV-19^^Uppsala|Human|Uppsala Narakut Aleris|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Spain/MD-IBV-99012439/2020|2020-11-27|EPI_ISL_780052|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-AD4C8F/2020|2020-10-26|EPI_ISL_634652|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0680/2020|2020-03-25|EPI_ISL_510939|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-ALSR-4649/2020|2020-09-04|EPI_ISL_667056|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B20C0B/2020|2020-11-02|EPI_ISL_647729|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAAFA6/2020|2020-11-17|EPI_ISL_681614|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16199/2020|2020-10-03|EPI_ISL_640588|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-795FB1/2020|2020-07-15|EPI_ISL_533019|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7AF6E/2020|2020-04-10|EPI_ISL_433899|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-CDC-4730/2020|2020-06-16|EPI_ISL_535701|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/LOND-124D1B4/2020|2020-03-23|EPI_ISL_507063|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Germany/ChVir20311/2020|2020-11-16|EPI_ISL_729646|Original|hCoV-19^^Germany|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Switzerland/TG-ETHZ-210010/2020|2020-07-20|EPI_ISL_511985|Original|hCoV-19^^Thurgau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/BC_12246693/2020|2020-04-00|EPI_ISL_467333|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Hong Kong/VM20010467/2020|2020-04-08|EPI_ISL_463322|Original|hCoV-19^^Hong Kong|Human|North Lantau Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Denmark/DCGC-19048/2020|2020-12-07|EPI_ISL_748720|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A0758/2020|2020-06-03|EPI_ISL_472132|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20170000704/2020|2020-04-20|EPI_ISL_465262|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/ON-S1227/2020|2020-04-02|EPI_ISL_586302|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MA-MASPHL-00527/2020|2020-05-05|EPI_ISL_693051|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20663/2020|2020-04-29|EPI_ISL_471687|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-C3BD36/2020|2020-12-11|EPI_ISL_731728|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-137843/2020|2020-05-03|EPI_ISL_471988|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1070/2020|2020-08-05|EPI_ISL_516496|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC4287/2020|2020-07-14|EPI_ISL_519615|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/EXET-13B038/2020|2020-11-10|EPI_ISL_665107|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0244/2020|2020-05-17|EPI_ISL_698426|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Luxembourg/LNS0613111/2020|2020-11-17|EPI_ISL_739805|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-A2E05D/2020|2020-10-06|EPI_ISL_586908|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200029520/2020|2020-10-09|EPI_ISL_636703|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18902/2020|2020-12-07|EPI_ISL_748178|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AK-PHL648/2020|2020-06-26|EPI_ISL_586251|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/NORW-22233A/2020|2020-12-21|EPI_ISL_764487|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Oman/205036690/2020|2020-05-17|EPI_ISL_491981|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of\u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/Latvia/103/2020|2020-08-05|EPI_ISL_515190|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Denmark/DCGC-14185/2020|2020-11-30|EPI_ISL_711104|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17062/2020|2020-12-14|EPI_ISL_750218|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AD49C4/2020|2020-10-26|EPI_ISL_634159|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/6224-Ankara1034/2020|2020-03-17|EPI_ISL_417413|Original|hCoV-19^^Turkey|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Denmark/DCGC-2195/2020|2020-08-10|EPI_ISL_617496|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-1498/2020|2020-04-01|EPI_ISL_494623|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-975920/2020|2020-08-20|EPI_ISL_552674|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBCD10/2020|2020-11-21|EPI_ISL_679276|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16570/2020|2020-11-16|EPI_ISL_714843|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Indonesia/JK-EIJK42/2020|2020-06-03|EPI_ISL_574613|Original|hCoV-19^^Jakarta|Human|RS Harapan Bunda|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/Wales/PHWC-48E394/2020|2020-11-12|EPI_ISL_680849|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DC982C/2020|2020-12-04|EPI_ISL_705304|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC182/2020|2020-04-01|EPI_ISL_427478|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/LA-EVTL181/2020|2020-05-15|EPI_ISL_574316|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/France/PAC-IHU-1524/2020|2020-08-12|EPI_ISL_569188|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMC-B7AF18/2020|2020-11-12|EPI_ISL_723969|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-838/2020|2020-10-05|EPI_ISL_632344|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1BBB3F/2020|2020-11-17|EPI_ISL_679196|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4833BD/2020|2020-10-21|EPI_ISL_627812|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Kazakhstan/21927/2020|2020-04-22|EPI_ISL_454503|Original|hCoV-19^^Nur-Sultan|Human|RSE \National Center for Biotechnology\|RSE \National Center for Biotechnology\|Kalendar|Kazakhstan

>Spike|hCoV-19/Denmark/DCGC-11745/2020|2020-10-26|EPI_ISL_671109|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20104014004/2020|2020-03-02|EPI_ISL_464330|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B34A55/2020|2020-11-05|EPI_ISL_659654|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001574/2020|2020-03-14|EPI_ISL_467180|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-UW-4664/2020|2020-04-06|EPI_ISL_513635|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/ULG-10367/2020|2020-08-07|EPI_ISL_540534|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-21441/2020|2020-12-21|EPI_ISL_758167|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1647/2020|2020-04-00|EPI_ISL_685253|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-645/2020|2020-06-26|EPI_ISL_491336|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-2778/2020|2020-06-00|EPI_ISL_690905|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9133/2020|2020-08-09|EPI_ISL_565403|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-3138/2020|2020-06-11|EPI_ISL_544020|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21178/2020|2020-07-06|EPI_ISL_507435|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WI-UW-1558/2020|2020-09-15|EPI_ISL_605436|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-957A7C/2020|2020-06-11|EPI_ISL_554231|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C43B/2020|2020-11-10|EPI_ISL_655968|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F1F3/2020|2020-11-07|EPI_ISL_681059|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-111EE3/2020|2020-05-02|EPI_ISL_472422|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19563/2020|2020-11-30|EPI_ISL_783935|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9AB657/2020|2020-08-31|EPI_ISL_549451|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB4507/2020|2020-05-05|EPI_ISL_456946|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A0BD9B/2020|2020-10-03|EPI_ISL_599385|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9048/2020|2020-10-31|EPI_ISL_652038|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22134/2020|2020-10-19|EPI_ISL_614185|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/AZ-TG276476/2020|2020-04-13|EPI_ISL_694105|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/LIVE-DB7D9B/2020|2020-10-26|EPI_ISL_651288|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR2298/2020|2020-04-12|EPI_ISL_484574|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-5308/2020|2020-08-00|EPI_ISL_690411|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-DCA472/2020|2020-12-06|EPI_ISL_724364|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10305/2020|2020-07-23|EPI_ISL_540472|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-B234E2/2020|2020-11-02|EPI_ISL_651730|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LIVE-A695C/2020|2020-03-16|EPI_ISL_499757|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A7D374/2020|2020-10-13|EPI_ISL_606420|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-84848/2020|2020-03-04|EPI_ISL_440518|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/20148044604/2020|2020-04-02|EPI_ISL_423592|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3202/2020|2020-03-31|EPI_ISL_579487|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300235/2020|2020-09-30|EPI_ISL_603268|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC16732/2020|2020-08-08|EPI_ISL_663557|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B68B46/2020|2020-11-11|EPI_ISL_655224|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139057704/2020|2020-03-28|EPI_ISL_420722|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A9D174/2020|2020-10-20|EPI_ISL_652660|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/UT-098/2020|2020-03-14|EPI_ISL_430036|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NOTT-112A84/2020|2020-04-23|EPI_ISL_493579|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/BRIS-13009D/2020|2020-04-11|EPI_ISL_492625|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12056/2020|2020-07-23|EPI_ISL_591910|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-AD0861/2020|2020-10-24|EPI_ISL_633706|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C755/2020|2020-04-05|EPI_ISL_442211|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR1397/2020|2020-04-01|EPI_ISL_526455|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15714/2020|2020-11-23|EPI_ISL_713113|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-A4B315/2020|2020-10-08|EPI_ISL_628465|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/HI-H200412/2020|2020-08-06|EPI_ISL_752956|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-1269/2020|2020-06-08|EPI_ISL_618058|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB8759/2020|2020-10-25|EPI_ISL_651366|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-94FC62/2020|2020-06-15|EPI_ISL_555298|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAFB62/2020|2020-10-23|EPI_ISL_623444|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-UW-2173/2020|2020-03-23|EPI_ISL_529160|Original|hCoV-19^^Idaho|Human|University of Washington|University of Washington|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-AD669E/2020|2020-10-26|EPI_ISL_634211|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001892/2020|2020-03-12|EPI_ISL_452456|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e0ldiz - INIBICA|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/United Arab Emirates/0151/2020|2020-05-18|EPI_ISL_698338|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/CA-CZB-11821/2020|2020-10-02|EPI_ISL_625659|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/GSTT-265D28A/2020|2020-03-16|EPI_ISL_483934|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Gibraltar/205000669/2020|2020-12-00|EPI_ISL_709995|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Japan/PG-8720/2020|2020-08-00|EPI_ISL_686316|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-8425/2020|2020-07-01|EPI_ISL_784390|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15295/2020|2020-10-19|EPI_ISL_786779|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B52286/2020|2020-11-08|EPI_ISL_656722|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1132/2020|2020-04-00|EPI_ISL_684742|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-17012/2020|2020-12-14|EPI_ISL_750708|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-A1FE19/2020|2020-10-01|EPI_ISL_599136|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1437/2020|2020-03-23|EPI_ISL_622445|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/MB-NML-421/2020|2020-03-29|EPI_ISL_582255|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Scotland/CVR2416/2020|2020-04-14|EPI_ISL_477933|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/NH-EMC-63/2020|2020-08-18|EPI_ISL_577859|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-2012089916/2020|2020-10-27|EPI_ISL_745654|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB1080/2020|2020-04-07|EPI_ISL_439146|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17040E/2020|2020-03-24|EPI_ISL_459679|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18062/2020|2020-12-14|EPI_ISL_749362|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_185/2020|2020-03-23|EPI_ISL_422720|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-4927/2020|2020-07-00|EPI_ISL_690047|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-12E8670/2020|2020-12-15|EPI_ISL_741340|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/WA-S169/2020|2020-03-18|EPI_ISL_430207|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-48361E/2020|2020-10-23|EPI_ISL_627838|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B62818/2020|2020-11-09|EPI_ISL_656440|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17942/2020|2020-12-14|EPI_ISL_749658|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB2287/2020|2020-04-21|EPI_ISL_439179|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/AZ-TG666095/2020|2020-05-02|EPI_ISL_696185|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/UT-QDX-1786/2020|2020-03-16|EPI_ISL_604118|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC6117/2020|2020-07-22|EPI_ISL_518135|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-99200A/2020|2020-08-27|EPI_ISL_540643|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1298/2020|2020-10-22|EPI_ISL_624082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8899/2020|2020-07-23|EPI_ISL_565271|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR5029/2020|2020-10-08|EPI_ISL_594763|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-AB7402/2020|2020-10-20|EPI_ISL_623223|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9718CD/2020|2020-08-18|EPI_ISL_553007|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012105116/2020|2020-08-14|EPI_ISL_745964|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8289/2020|2020-07-07|EPI_ISL_784312|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9AD27F/2020|2020-09-05|EPI_ISL_559823|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB_308PT/2020|2020-10-24|EPI_ISL_653802|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/USA/VA_NIDDL_2768/2020|2020-03-29|EPI_ISL_491916|Original|hCoV-19^^Virginia|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/USA/CA-CZB-14299/2020|2020-08-24|EPI_ISL_738592|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-6739/2020|2020-06-25|EPI_ISL_546206|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/SC-DHEC-1143/2020|2020-07-10|EPI_ISL_574564|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/Ghana/84260_S28/2020|2020-05-25|EPI_ISL_515107|Original|hCoV-19^^Ghana|Human|Department of Biochemistry|WACCBIP|Amuzu|Ghana

>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-31/2020|2020-09-23|EPI_ISL_682338|Original|hCoV-19^^Free State|Human|NHLS Universitas Academic|UFS Virology|Bester|South Africa

>Spike|hCoV-19/England/QEUA-9F6AAC/2020|2020-09-27|EPI_ISL_588319|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13186/2020|2020-08-14|EPI_ISL_563634|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-49CD86/2020|2020-06-14|EPI_ISL_559471|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-70122/2020|2020-09-09|EPI_ISL_693490|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/South Korea/KDCA0318/2020|2020-10-16|EPI_ISL_760104|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/WA-S625/2020|2020-04-19|EPI_ISL_438178|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-3072/2020|2020-08-24|EPI_ISL_616852|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300272/2020|2020-10-01|EPI_ISL_603304|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Hungary/UD-56307/2020|2020-08-31|EPI_ISL_671426|Original|hCoV-19^^Hajd\u00fa-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/LOND-D64BC/2020|2020-04-22|EPI_ISL_487615|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB042/2020|2020-03-25|EPI_ISL_429035|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-AA2DA5/2020|2020-10-22|EPI_ISL_623894|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7310/2020|2020-08-00|EPI_ISL_688413|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/MB-NML-1080/2020|2020-08-04|EPI_ISL_582432|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/UT-02009/2020|2020-04-16|EPI_ISL_454727|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-UCSF-UC41/2020|2020-03-14|EPI_ISL_450233|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/Israel/CVL-n14268/2020|2020-03-17|EPI_ISL_514308|Original|hCoV-19^^Central District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/ALDP-9C603A/2020|2020-09-10|EPI_ISL_567776|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1165/2020|2020-04-05|EPI_ISL_494407|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/IL-NM026/2020|2020-03-16|EPI_ISL_444536|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/India/GJ-GBRC-433/2020|2020-09-01|EPI_ISL_586570|Original|hCoV-19^^Gujarat|Human|GCRI,Ahmedabad|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Singapore/1438/2020|2020-11-23|EPI_ISL_693326|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/MA-MASPHL-00639/2020|2020-05-13|EPI_ISL_692990|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/ALDP-BE9011/2020|2020-12-03|EPI_ISL_708845|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A8B786/2020|2020-10-16|EPI_ISL_643217|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1517/2020|2020-07-27|EPI_ISL_568615|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-2520/2020|2020-06-16|EPI_ISL_635524|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00e9stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Switzerland/AG-ETHZ-260149/2020|2020-08-26|EPI_ISL_539445|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LOND-D36D7/2020|2020-03-31|EPI_ISL_440975|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-7149/2020|2020-09-09|EPI_ISL_582933|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Brazil/RJ-UFRJ-54093/2020|2020-04-16|EPI_ISL_492042|Original|hCoV-19^^Rio de Janeiro|Human|Instituto de Biologia do Ex\u00e9rcito|Laborat\u00f3rio Metabolismo Macromolecular FirminoTorres de Castro|Moura-Neto|Brazil

>Spike|hCoV-19/England/MILK-9C43D9/2020|2020-09-09|EPI_ISL_566777|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036721426/2020|2020-10-31|EPI_ISL_682136|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-BBAC7F/2020|2020-11-21|EPI_ISL_701769|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-916S/2020|2020-06-26|EPI_ISL_639945|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CO-CDPHE-2008063525/2020|2020-08-05|EPI_ISL_710321|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-C3CB0E/2020|2020-12-10|EPI_ISL_731702|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2787/2020|2020-07-22|EPI_ISL_635679|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0155/2020|2020-08-27|EPI_ISL_568548|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/USA/CA-ALSR-4539/2020|2020-09-16|EPI_ISL_666997|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-14886/2020|2020-11-24|EPI_ISL_738893|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15734/2020|2020-07-09|EPI_ISL_785418|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3377/2020|2020-04-00|EPI_ISL_691492|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9CE050/2020|2020-09-16|EPI_ISL_566192|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG377726/2020|2020-06-13|EPI_ISL_694624|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUH-A00C8A/2020|2020-10-02|EPI_ISL_585566|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-340139/2020|2020-10-27|EPI_ISL_721708|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-UM-10036787921/2020|2020-11-04|EPI_ISL_707860|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMB-79390/2020|2020-04-03|EPI_ISL_441832|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19538/2020|2020-12-07|EPI_ISL_749015|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-508F33/2020|2020-06-25|EPI_ISL_559161|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7C849/2020|2020-10-15|EPI_ISL_607605|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6573/2020|2020-09-00|EPI_ISL_687685|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Croatia/1146_Split/2020|2020-03-18|EPI_ISL_454581|Original|hCoV-19^^Split|Human|University Hospital for Infectious Diseases \Dr. Fran Mihaljevi\u0107\|University of Zagreb|Ivancic Jelecki|Croatia

>Spike|hCoV-19/USA/ID-QDX-1294/2020|2020-03-16|EPI_ISL_571933|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Sweden/20-06817/2020|2020-04-01|EPI_ISL_445229|Original|hCoV-19^^Vastra Gotaland|Human|Narhalsan Backa vardcentral|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMB-1B3074/2020|2020-05-25|EPI_ISL_461547|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-6998/2020|2020-09-00|EPI_ISL_688103|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A5802D/2020|2020-10-08|EPI_ISL_596928|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12F1717/2020|2020-12-15|EPI_ISL_763544|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020315751/2020|2020-08-27|EPI_ISL_732714|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Chile/MA-ISPCH-13/2020|2020-03-21|EPI_ISL_445294|Original|hCoV-19^^Magallanes|Human|HOSPITAL REG.LAUTARO NAVARRO AVARIA|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/LIVE-DBEA15/2020|2020-10-29|EPI_ISL_664632|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4220/2020|2020-10-02|EPI_ISL_648894|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/QEUEH-9B7D17/2020|2020-09-04|EPI_ISL_590487|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20144064402/2020|2020-03-30|EPI_ISL_421955|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2579/2020|2020-08-17|EPI_ISL_616415|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-1D2A80/2020|2020-03-29|EPI_ISL_612404|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-79372/2020|2020-04-03|EPI_ISL_441165|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR5675/2020|2020-11-09|EPI_ISL_651011|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Belgium/reg-0319860/2020|2020-03-19|EPI_ISL_734509|Original|hCoV-19^^Auderghem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/South Africa/KRISP-K001360/2020|2020-07-16|EPI_ISL_515845|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-B5E484/2020|2020-11-09|EPI_ISL_723659|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10866/2020|2020-11-13|EPI_ISL_678410|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-559F06/2020|2020-06-10|EPI_ISL_558280|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/IME-WH05/2020|2019-12-30|EPI_ISL_529217|Original|hCoV-19^^Hubei|Human|Beijing Institute of Microbiology and Epidemiology|Beijing Institute of Microbiology and Epidemiology|Fan|China

>Spike|hCoV-19/Denmark/DCGC-1135/2020|2020-03-16|EPI_ISL_614619|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B12A02/2020|2020-10-31|EPI_ISL_642655|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6737/2020|2020-04-13|EPI_ISL_491551|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4377160/2020|2020-10-24|EPI_ISL_740460|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B6354D/2020|2020-11-09|EPI_ISL_656506|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-82BAB/2020|2020-04-25|EPI_ISL_438666|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FCEFE/2020|2020-04-24|EPI_ISL_489334|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP562/2020|2020-11-16|EPI_ISL_654805|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/ALDP-9D9034/2020|2020-09-18|EPI_ISL_576693|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BIRM-62AC2/2020|2020-09-02|EPI_ISL_529641|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1630/2020|2020-06-29|EPI_ISL_594320|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Finland/18SS12E4/2020|2020-09-18|EPI_ISL_756289|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Denmark/DCGC-7030/2020|2020-10-12|EPI_ISL_619877|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-ISCI-201373/2020|2020-03-02|EPI_ISL_418244|Original|hCoV-19^^Andalucia|Human|HOSPITAL UNIVERSITARIO VIRGEN DE LAS NIEVES|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Canada/ON-S215/2020|2020-03-26|EPI_ISL_586380|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/MILK-BB0DD0/2020|2020-11-18|EPI_ISL_720507|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13485/2020|2020-08-03|EPI_ISL_592260|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2114/2020|2020-06-08|EPI_ISL_497542|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/SHEF-C98DE/2020|2020-04-17|EPI_ISL_462041|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D55C0/2020|2020-09-19|EPI_ISL_577397|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6801/2020|2020-10-12|EPI_ISL_619498|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-12673FA/2020|2020-12-08|EPI_ISL_741284|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01291/2020|2020-06-00|EPI_ISL_548895|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-21282/2020|2020-12-21|EPI_ISL_759652|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9C8C8F/2020|2020-09-10|EPI_ISL_567186|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-283C0F/2020|2020-04-03|EPI_ISL_472250|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Netherlands/LI-EMC-144/2020|2020-11-20|EPI_ISL_763112|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/AN-IBV-006086/2020|2020-04-27|EPI_ISL_510426|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-1D2DF0/2020|2020-03-31|EPI_ISL_612425|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20134078004/2020|2020-03-24|EPI_ISL_423172|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9F38B/2020|2020-10-20|EPI_ISL_611390|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-83613/2020|2020-05-30|EPI_ISL_746800|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/ALDP-A9287A/2020|2020-10-20|EPI_ISL_610926|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B36455/2020|2020-11-05|EPI_ISL_645230|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F33B3/2020|2020-09-24|EPI_ISL_588695|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01791/2020|2020-07-00|EPI_ISL_636941|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/South Africa/R09103/2020|2020-04-28|EPI_ISL_470879|Original|hCoV-19^^Eastern Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-2187/2020|2020-08-10|EPI_ISL_617488|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9F4C7B/2020|2020-09-25|EPI_ISL_638174|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-1809/2020|2020-04-00|EPI_ISL_685415|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB4832/2020|2020-04-03|EPI_ISL_453159|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/HongKong/CM20000489/2020|2020-12-20|EPI_ISL_759892|Original|hCoV-19^^Hong Kong|Human|Temporary Specimen Collection Centre|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/USA/TX-HMH-6395/2020|2020-07-05|EPI_ISL_545968|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/201620591/2020|2020-04-14|EPI_ISL_466427|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-8445/2020|2020-09-00|EPI_ISL_687544|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/Gelderland_35/2020|2020-04-29|EPI_ISL_460935|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-2517B/2020|2020-03-22|EPI_ISL_420975|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15288/2020|2020-10-21|EPI_ISL_786772|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-19462/2020|2020-12-07|EPI_ISL_748962|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Colombia/SAN-INS-80123/2020|2020-03-15|EPI_ISL_456149|Original|hCoV-19^^Santander|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/Denmark/DCGC-3086/2020|2020-08-31|EPI_ISL_616866|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-5A219F/2020|2020-06-12|EPI_ISL_558816|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12896/2020|2020-08-18|EPI_ISL_788048|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2462/2020|2020-06-08|EPI_ISL_514865|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/MI-MDHHS-SC20857/2020|2020-04-29|EPI_ISL_471878|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Iceland/202/2020|2020-03-16|EPI_ISL_417750|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|Jónsson|Iceland

>Spike|hCoV-19/USA/MA-MGH-03537/2020|2020-11-27|EPI_ISL_765877|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-4930E0/2020|2020-11-28|EPI_ISL_725837|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0804/2020|2020-04-00|EPI_ISL_684414|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-WSLH-200159/2020|2020-03-31|EPI_ISL_578386|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/WI-WSLH-200027/2020|2020-04-17|EPI_ISL_471192|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease

Division|Wisconsin State Laboratory of Hygiene Communicable Disease
Division|Florek|USA
>Spike|hCoV-19/England/204891537/2020|2020-11-27|EPI_ISL_723020|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Netherlands/UT-RIVM-10138/2020|2020-04-22|EPI_ISL_547538|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/NOTT-1129E1/2020|2020-04-22|EPI_ISL_493572|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/LIVE-DCOEB/2020|2020-11-03|EPI_ISL_705411|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/20148049704/2020|2020-04-02|EPI_ISL_466071|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-000774/2020|2020-03-16|EPI_ISL_632154|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/MILK-AC8064/2020|2020-10-22|EPI_ISL_629732|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/937/2020|2020-04-02|EPI_ISL_538470|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19/New Zealand/20CV0516/2020|2020-10-30|EPI_ISL_626354|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/Australia/VIC3601/2020|2020-07-08|EPI_ISL_520346|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUH-9DE3DC/2020|2020-09-21|EPI_ISL_599636|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20110015106/2020|2020-03-08|EPI_ISL_417306|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Japan/PG-7742/2020|2020-09-00|EPI_ISL_686844|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/ALDP-B24AEF/2020|2020-11-04|EPI_ISL_646884|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B5A3C7/2020|2020-11-06|EPI_ISL_658140|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-95D7D9/2020|2020-06-21|EPI_ISL_556170|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1B08D9/2020|2020-05-04|EPI_ISL_459224|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-24015/2020|2020-03-15|EPI_ISL_418138|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-A366BA/2020|2020-10-05|EPI_ISL_706913|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/20188020404/2020|2020-04-03|EPI_ISL_465499|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB080/2020|2020-09-16|EPI_ISL_575402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1641/2020|2020-05-26|EPI_ISL_496067|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/BRIS-128E34/2020|2020-04-18|EPI_ISL_458892|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/5840/2020|2020-11-05|EPI_ISL_775487|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/ALDP-9EA1E2/2020|2020-09-24|EPI_ISL_580101|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1221/2020|2020-05-18|EPI_ISL_614864|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/456/2020|2020-03-19|EPI_ISL_475987|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-8671/2020|2020-07-01|EPI_ISL_780481|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-QDX-373/2020|2020-03-23|EPI_ISL_571116|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000490/2020|2020-04-01|EPI_ISL_631953|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/SHEF-D2007/2020|2020-09-14|EPI_ISL_559944|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0100/2020|2020-04-10|EPI_ISL_434594|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-CZB-1455/2020|2020-04-10|EPI_ISL_468416|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-17466/2020|2020-12-14|EPI_ISL_750355|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC9584/2020|2020-08-21|EPI_ISL_565613|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB7860/2020|2020-09-22|EPI_ISL_572543|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Oman/C-6324/2020|2020-04-25|EPI_ISL_491126|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/Japan/PG-6470/2020|2020-08-00|EPI_ISL_689575|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NB-RIVM-20607/2020|2020-12-10|EPI_ISL_790690|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CO-CDPHE-2011210342/2020|2020-11-19|EPI_ISL_771273|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/QEUH-CAD1E8/2020|2020-12-20|EPI_ISL_760934|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000552/2020|2020-03-24|EPI_ISL_632012|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CA-CZB-1235/2020|2020-04-11|EPI_ISL_454655|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/ALDP-9DA0F7/2020|2020-09-18|EPI_ISL_576846|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-12ED13/2020|2020-04-22|EPI_ISL_488252|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-691C19/2020|2020-07-02|EPI_ISL_558209|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2063/2020|2020-05-11|EPI_ISL_545097|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0139/2020|2020-05-18|EPI_ISL_698326|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Canada/ON-PHL-20-03770/2020|2020-11-00|EPI_ISL_775079|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUEH-B417B8/2020|2020-11-08|EPI_ISL_658503|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08435/2020|2020-05-15|EPI_ISL_524211|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/DRC/5957/2020|2020-05-07|EPI_ISL_496499|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Scotland/QEUEH-9ADF69/2020|2020-09-05|EPI_ISL_637955|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B4C7/2020|2020-04-11|EPI_ISL_445718|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1652/2020|2020-04-00|EPI_ISL_685258|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG664493/2020|2020-04-20|EPI_ISL_696119|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC12154/2020|2020-08-09|EPI_ISL_641289|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-SEARCH-5392/2020|2020-12-01|EPI_ISL_755203|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-UM-10036626781/2020|2020-10-26|EPI_ISL_650024|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/SHEF-CF93F/2020|2020-04-13|EPI_ISL_448898|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008482/2020|2020-08-11|EPI_ISL_654035|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/France/ARA-CDP81800/2020|2020-09-16|EPI_ISL_582116|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/South Africa/KRISP-K001041/2020|2020-07-16|EPI_ISL_509304|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUA-B685B1/2020|2020-11-11|EPI_ISL_654962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9488ED/2020|2020-07-21|EPI_ISL_556961|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D1DAE/2020|2020-09-18|EPI_ISL_601771|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205261879/2020|2020-12-18|EPI_ISL_766560|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Romania/ROSV_2794/2020|2020-04-16|EPI_ISL_491060|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/England/MILK-B391D3/2020|2020-11-01|EPI_ISL_652295|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C32D/2020|2020-10-15|EPI_ISL_607983|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F4D5A/2020|2020-09-25|EPI_ISL_588385|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/CUNCI-HGC010/2020|2020-05-02|EPI_ISL_468055|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/Canada/QC-LSPQ-L00236905/2020|2020-03-25|EPI_ISL_536151|Original|hCoV-19^^Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaudi\u00e8re|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-13475/2020|2020-08-21|EPI_ISL_788605|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hong Kong/VM20097391/2020|2020-08-03|EPI_ISL_602621|Original|hCoV-19^^Hong Kong|Human|GLENEAGLES HONG KONG (CLINICAL LAB)|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/201390708/2020|2020-03-29|EPI_ISL_465863|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-347/2020|2020-10-25|EPI_ISL_722287|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUA-AE1D7D/2020|2020-10-24|EPI_ISL_649640|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA357E/2020|2020-11-18|EPI_ISL_721037|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B47EBD/2020|2020-11-07|EPI_ISL_649345|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11E2EA/2020|2020-11-27|EPI_ISL_725523|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC10279/2020|2020-07-28|EPI_ISL_562848|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C3BC57/2020|2020-12-11|EPI_ISL_731723|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0363/2020|2020-06-29|EPI_ISL_576547|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Japan/PG-7235/2020|2020-08-00|EPI_ISL_688339|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NM-NMDOH-2020322589/2020|2020-09-03|EPI_ISL_569635|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-9817/2020|2020-11-09|EPI_ISL_668486|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3A9AD/2020|2020-11-02|EPI_ISL_679696|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200202/2020|2020-03-18|EPI_ISL_578425|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/MILK-95DAEF/2020|2020-06-19|EPI_ISL_556285|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7FE43/2020|2020-11-14|EPI_ISL_661745|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C06086/2020|2020-12-04|EPI_ISL_709437|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-221/2020|2020-05-12|EPI_ISL_523203|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CHLA-PLM02905782/2020|2020-11-30|EPI_ISL_753448|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/CA-UCLA-18/2020|2020-05-01|EPI_ISL_537506|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/FL-BPHL-1303/2020|2020-08-31|EPI_ISL_541235|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC3945/2020|2020-07-14|EPI_ISL_520656|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/New Zealand/20VR3481/2020|2020-04-03|EPI_ISL_579499|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Australia/VIC7724/2020|2020-08-04|EPI_ISL_564607|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B66C18/2020|2020-11-11|EPI_ISL_662615|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1962/2020|2020-06-23|EPI_ISL_765931|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/England/20134016504/2020|2020-03-23|EPI_ISL_423089|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/QC_A09/2020|2020-04-09|EPI_ISL_463923|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Australia/VIC2695/2020|2020-07-02|EPI_ISL_521535|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-101F7A/2020|2020-03-23|EPI_ISL_441360|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD1736/2020|2020-10-26|EPI_ISL_634666|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-0042/2020|2020-03-28|EPI_ISL_429178|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/UT-UPHL-2008915/2020|2020-05-18|EPI_ISL_525021|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-72C23/2020|2020-03-22|EPI_ISL_439963|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B95A61/2020|2020-11-13|EPI_ISL_673767|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-56DF0F/2020|2020-06-11|EPI_ISL_558365|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4691/2020|2020-07-17|EPI_ISL_519079|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-4145/2020|2020-07-00|EPI_ISL_692384|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-5162/2020|2020-08-00|EPI_ISL_690268|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-163B54/2020|2020-04-29|EPI_ISL_474046|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16310/2020|2020-11-16|EPI_ISL_714696|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2775/2020|2020-08-24|EPI_ISL_616610|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BC1BB4/2020|2020-11-22|EPI_ISL_704767|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C1F86/2020|2020-04-26|EPI_ISL_457589|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12589/2020|2020-11-16|EPI_ISL_682770|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-293E24/2020|2020-07-20|EPI_ISL_573330|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/205120838/2020|2020-12-12|EPI_ISL_766109|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1687/2020|2020-03-25|EPI_ISL_494744|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20005/2020|2020-11-20|EPI_ISL_723204|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Belgium/reg-10191305/2020|2020-10-19|EPI_ISL_735208|Original|hCoV-19^^Heverlee|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/ID-UW-4255/2020|2020-03-30|EPI_ISL_430940|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-7202/2020|2020-07-00|EPI_ISL_688306|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR3094/2020|2020-04-25|EPI_ISL_439034|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB10459/2020|2020-11-09|EPI_ISL_705766|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9375963/2020|2020-10-31|EPI_ISL_744895|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-9DA73E/2020|2020-09-22|EPI_ISL_601318|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-23D88/2020|2020-03-13|EPI_ISL_418112|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW943/2020|2020-04-15|EPI_ISL_545015|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/MA-MASPHL-00414/2020|2020-04-26|EPI_ISL_693136|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/ALDP-A855BF/2020|2020-10-17|EPI_ISL_610306|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14571/2020|2020-10-08|EPI_ISL_787856|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6FA8F/2020|2020-10-15|EPI_ISL_607056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18409/2020|2020-12-07|EPI_ISL_749949|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1835/2020|2020-11-24|EPI_ISL_729299|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CA-ALSR-1461/2020|2020-03-23|EPI_ISL_494617|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/RI-IBV-99010987/2020|2020-08-28|EPI_ISL_732810|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-491CA2/2020|2020-11-12|EPI_ISL_706765|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9C4A3E/2020|2020-09-10|EPI_ISL_573263|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-5625/2020|2020-08-00|EPI_ISL_688750|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9BE8A6/2020|2020-09-09|EPI_ISL_568100|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1103/2020|2020-03-16|EPI_ISL_614612|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16623/2020|2020-11-16|EPI_ISL_714877|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-0449/2020|2020-03-21|EPI_ISL_480112|Original|hCoV-19^^Kyusyu|Human|Oita Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-S907/2020|2020-04-13|EPI_ISL_586480|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Denmark/DCGC-11856/2020|2020-10-26|EPI_ISL_671180|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB2137/2020|2020-04-20|EPI_ISL_439167|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Belgium/UGent-243/2020|2020-11-13|EPI_ISL_717628|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-141/2020|2020-06-18|EPI_ISL_480417|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Bangladesh Council of Scientific and Industrial Research|Khan|Bangladesh

>Spike|hCoV-19/Wales/PHWC-2B579/2020|2020-04-10|EPI_ISL_445727|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9FDA78/2020|2020-10-01|EPI_ISL_587761|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B2642B/2020|2020-11-04|EPI_ISL_646512|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUAH-AD3B83/2020|2020-10-26|EPI_ISL_634230|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4146/2020|2020-09-21|EPI_ISL_621966|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BY-UHR-7ZK/2020|2020-03-22|EPI_ISL_513304|Viral culture|hCoV-19^^Bavaria|Human|Department of Infection Prevention and Infectious Diseases|University Hospital Regensburg|Fritsch|Germany

>Spike|hCoV-19/England/QEUAH-AF0537/2020|2020-10-29|EPI_ISL_662779|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B48362/2020|2020-11-07|EPI_ISL_649294|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2417/2020|2020-05-27|EPI_ISL_635469|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-2981/2020|2020-08-24|EPI_ISL_616743|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B32CBB/2020|2020-11-06|EPI_ISL_659580|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15274/2020|2020-10-21|EPI_ISL_786758|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Indonesia/BT-MRINUPH-200624-349/2020|2020-06-22|EPI_ISL_779395|Original|hCoV-19^^Banten|Human|Siloam Hospital Lippo Village|Mochtar Riady Institute for Nanotechnology-Universitas Pelita Harapan|Suriapranata|Indonesia

>Spike|hCoV-19/USA/CA-QDX-223/2020|2020-04-11|EPI_ISL_498699|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-14987/2020|2020-11-23|EPI_ISL_713564|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CA7B2/2020|2020-03-31|EPI_ISL_442363|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48FB9B/2020|2020-11-11|EPI_ISL_681196|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-933/2020|2020-03-20|EPI_ISL_571637|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A693D5/2020|2020-10-12|EPI_ISL_609134|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0571/2020|2020-03-26|EPI_ISL_454294|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-783/2020|2020-04-27|EPI_ISL_614754|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-1D8C0C/2020|2020-09-25|EPI_ISL_576982|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1799/2020|2020-06-13|EPI_ISL_738172|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/HI-H200224/2020|2020-08-11|EPI_ISL_752783|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-A45DD1/2020|2020-10-06|EPI_ISL_598608|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/203290153/2020|2020-08-06|EPI_ISL_534721|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26684517/2020|2020-04-10|EPI_ISL_485319|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/SHEF-CBF04/2020|2020-11-14|EPI_ISL_705276|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-5800/2020|2020-08-00|EPI_ISL_688919|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/LI-RIVM-20447/2020|2020-12-09|EPI_ISL_728666|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-A636A5/2020|2020-10-12|EPI_ISL_596132|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9696/2020|2020-11-09|EPI_ISL_669115|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC14265/2020|2020-07-29|EPI_ISL_592426|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-MEPHI-2132/2020|2020-09-25|EPI_ISL_644505|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-AA1975/2020|2020-10-21|EPI_ISL_623971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_10/2020|2020-03-02|EPI_ISL_414431|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-A7AA90/2020|2020-10-15|EPI_ISL_606414|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF505F/2020|2020-10-30|EPI_ISL_663066|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5123/2020|2020-08-00|EPI_ISL_689617|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA4259/2020|2020-10-22|EPI_ISL_624287|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B34202/2020|2020-11-05|EPI_ISL_659726|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9DE3FA/2020|2020-09-21|EPI_ISL_599609|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6101/2020|2020-10-05|EPI_ISL_620296|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BACD9B/2020|2020-11-17|EPI_ISL_681635|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD43B7/2020|2020-10-26|EPI_ISL_634673|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A41959/2020|2020-10-07|EPI_ISL_609392|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C1083/2020|2020-11-15|EPI_ISL_706991|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A52700/2020|2020-10-07|EPI_ISL_598050|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3743/2020|2020-09-01|EPI_ISL_590998|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Luxembourg/LNS8387253/2020|2020-11-02|EPI_ISL_744732|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-9D2235/2020|2020-09-19|EPI_ISL_601555|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15729/2020|2020-10-04|EPI_ISL_593427|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-29DE0C/2020|2020-05-06|EPI_ISL_484318|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-9E99AF/2020|2020-09-24|EPI_ISL_584272|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC15047/2020|2020-07-29|EPI_ISL_593122|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0505/2020|2020-03-18|EPI_ISL_454229|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-6129/2020|2020-08-00|EPI_ISL_689241|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-0199/2020|2020-04-07|EPI_ISL_480850|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-B2B65D/2020|2020-11-01|EPI_ISL_646507|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00238906/2020|2020-03-26|EPI_ISL_536226|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-16718/2020|2020-10-19|EPI_ISL_714430|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-126795/2020|2020-04-08|EPI_ISL_459015|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-BFF21/2020|2020-03-25|EPI_ISL_418309|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AB223/2020|2020-08-14|EPI_ISL_539640|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Japan/PG-1586/2020|2020-04-00|EPI_ISL_685192|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CHLA-PLM07768214/2020|2020-11-28|EPI_ISL_753531|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/CAMB-1AB24C/2020|2020-04-19|EPI_ISL_470111|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_26650347/2020|2020-03-00|EPI_ISL_463250|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/UT-01857/2020|2020-04-13|EPI_ISL_498631|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/LIVE-DB3D62/2020|2020-10-20|EPI_ISL_650656|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/204682412/2020|2020-11-13|EPI_ISL_693426|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14287/2020|2020-11-30|EPI_ISL_711420|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-135EBC/2020|2020-03-22|EPI_ISL_457177|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Japan/PG-7135/2020|2020-08-00|EPI_ISL_688240|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/WA368/2020|2020-10-18|EPI_ISL_605845|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Switzerland/BE-ETHZ-280109/2020|2020-09-07|EPI_ISL_560432|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/NSW919/2020|2020-09-02|EPI_ISL_545000|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Guatemala/CDC-1228/2020|2020-03-15|EPI_ISL_509696|Original|hCoV-19^^Guatemala|Human|Guatemala Ministry of Public Health|Pathogen Discovery|Queen|Guatemala

>Spike|hCoV-19/Japan/PG-5473/2020|2020-08-00|EPI_ISL_690576|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/PV-IBV-004304/2020|2020-04-09|EPI_ISL_510419|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48E4EC/2020|2020-11-12|EPI_ISL_680868|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG274711/2020|2020-04-05|EPI_ISL_694062|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-16600/2020|2020-11-16|EPI_ISL_714862|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-251067-01/2020|2020-10-21|EPI_ISL_754822|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/France/ARA-23092/2020|2020-04-10|EPI_ISL_508925|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/WA-S918/2020|2020-04-24|EPI_ISL_463408|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/LOND-D4B5F/2020|2020-04-11|EPI_ISL_444181|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0355/2020|2020-07-20|EPI_ISL_754875|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/MILK-A240EE/2020|2020-10-04|EPI_ISL_652108|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A4CC46/2020|2020-10-08|EPI_ISL_596036|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0421/2020|2020-10-04|EPI_ISL_760205|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/MILK-B39AF6/2020|2020-11-02|EPI_ISL_651058|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Jordan/SEARCH-5485/2020|2020-09-13|EPI_ISL_755123|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Wales/PHWC-49AF28/2020|2020-12-05|EPI_ISL_742273|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B0A5A2/2020|2020-10-29|EPI_ISL_672978|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A99FD/2020|2020-04-10|EPI_ISL_538919|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7BE66/2020|2020-10-15|EPI_ISL_607511|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15833/2020|2020-07-10|EPI_ISL_785517|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-122CC7/2020|2020-04-03|EPI_ISL_440775|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VI-CDC-1993/2020|2020-04-01|EPI_ISL_436046|Original|hCoV-19^^Virgin Islands|Human|US VI Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-7721/2020|2020-10-19|EPI_ISL_618663|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-EBCAD/2020|2020-05-06|EPI_ISL_457498|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18864/2020|2020-12-07|EPI_ISL_748605|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC13317/2020|2020-07-28|EPI_ISL_563668|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-CF159E/2020|2020-12-18|EPI_ISL_781954|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D74C1/2020|2020-09-18|EPI_ISL_584376|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0868/2020|2020-05-19|EPI_ISL_699007|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-A6F3FD/2020|2020-10-15|EPI_ISL_607943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/89/2020|2020-03-10|EPI_ISL_417738|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Wales/PHWC-2B807/2020|2020-04-09|EPI_ISL_445765|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Germany/TH-RKI-NP-0012/2020|2020-12-03|EPI_ISL_763008|Original|hCoV-19^^Thuringia|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/USA/CA-CZB-13922/2020|2020-08-06|EPI_ISL_739572|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/VA-DCLS-1753/2020|2020-09-10|EPI_ISL_644853|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Japan/PG-0549/2020|2020-04-00|EPI_ISL_684179|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-2183/2020|2020-10-21|EPI_ISL_677587|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-A6B203/2020|2020-10-08|EPI_ISL_608820|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E841/2020|2020-06-16|EPI_ISL_555048|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-64-5/2020|2020-10-14|EPI_ISL_632439|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A5936F/2020|2020-10-09|EPI_ISL_597164|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9F68/2020|2020-11-20|EPI_ISL_701887|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1608/2020|2020-09-14|EPI_ISL_700734|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/AZ-TG547283/2020|2020-07-02|EPI_ISL_695462|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-248C2/2020|2020-03-19|EPI_ISL_419454|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC8385/2020|2020-08-12|EPI_ISL_564975|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S864/2020|2020-04-23|EPI_ISL_463354|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/CA-QDX-1442/2020|2020-03-18|EPI_ISL_572093|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUH-9E5572/2020|2020-09-24|EPI_ISL_600951|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9986D5/2020|2020-08-24|EPI_ISL_540114|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1310/2020|2020-07-06|EPI_ISL_541248|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-9D52E7/2020|2020-09-18|EPI_ISL_637494|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/BRIS-128EBC/2020|2020-04-19|EPI_ISL_458847|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162979/2020|2020-05-13|EPI_ISL_473145|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003581/2020|2020-03-31|EPI_ISL_537994|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Russia/STA-RII-MH2787S/2020|2020-09-19|EPI_ISL_602452|Original|hCoV-19^^Stavropol|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Brazil/SP-218/2020|2020-04-22|EPI_ISL_527865|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital e Maternidade S\u00e3o Crist\u00f3v\u00e1o|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Russia/MOW-RII-MH2890S/2020|2020-09-22|EPI_ISL_733057|Original|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-IGI-0765/2020|2020-07-31|EPI_ISL_677886|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Sweden/20-53340/2020|2020-11-01|EPI_ISL_710598|Original|hCoV-19^^Halland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Colombia/ANT-GUV-92252/2020|2020-04-01|EPI_ISL_447767|Original|hCoV-19^^Antioquia|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9rez|Colombia

>Spike|hCoV-19/South Africa/Tygerberg_37/2020|2020-04-08|EPI_ISL_464148|Original|hCoV-19^^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/England/CAMC-A80D52/2020|2020-10-13|EPI_ISL_610712|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0249/2020|2020-10-00|EPI_ISL_667678|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-1277/2020|2020-07-14|EPI_ISL_509177|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0117/2020|2020-06-09|EPI_ISL_568514|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00e9tica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Jordan/AM-ALSR-5163/2020|2020-10-16|EPI_ISL_730402|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Portugal/PT0274/2020|2020-04-05|EPI_ISL_453988|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9E6D88/2020|2020-09-24|EPI_ISL_580289|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FD024/2020|2020-04-24|EPI_ISL_489166|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E7112/2020|2020-09-24|EPI_ISL_580372|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5936010/2020|2020-11-14|EPI_ISL_744326|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/BRIS-1264AD/2020|2020-04-10|EPI_ISL_459057|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-V2012612/2020|2020-03-19|EPI_ISL_420908|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Belgium/reg-0804726/2020|2020-08-04|EPI_ISL_734907|Original|hCoV-19^^Deurne|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/204590738/2020|2020-11-06|EPI_ISL_700672|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-3423/2020|2020-04-00|EPI_ISL_691535|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-1017EB/2020|2020-05-09|EPI_ISL_489286|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9584E6/2020|2020-06-11|EPI_ISL_554858|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16390/2020|2020-11-16|EPI_ISL_714177|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AA0545/2020|2020-10-19|EPI_ISL_611350|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D44CD/2020|2020-04-08|EPI_ISL_444129|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE6D9/2020|2020-09-09|EPI_ISL_567963|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/TI-ETHZ-100098/2020|2020-03-13|EPI_ISL_451690|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/MD-IBV-99012315/2020|2020-11-17|EPI_ISL_779975|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Sweden/20-50486/2020|2020-03-26|EPI_ISL_475143|Original|hCoV-19^^Vasterbotten|Human|Umea klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/LA-EVTL241/2020|2020-08-22|EPI_ISL_574375|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Hungary/SRC-00175/2020|2020-03-22|EPI_ISL_435406|Original|hCoV-19^^Baranya|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/England/CAMB-1AFC95/2020|2020-05-13|EPI_ISL_452872|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-9C3A8A/2020|2020-09-09|EPI_ISL_566962|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A6AD5E/2020|2020-10-08|EPI_ISL_608787|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-262/2020|2020-06-15|EPI_ISL_523385|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/PR-B6BV/2020|2020-08-11|EPI_ISL_527394|Original|hCoV-19^^Puerto Rico|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr235905/2020|2020-12-18|EPI_ISL_770504|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Wales/PHWC-49AEA3/2020|2020-12-07|EPI_ISL_742266|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18659/2020|2020-11-17|EPI_ISL_785007|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B24690/2020|2020-11-04|EPI_ISL_646844|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16320/2020|2020-11-02|EPI_ISL_786004|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22043/2020|2020-09-16|EPI_ISL_577593|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/EDB4168/2020|2020-04-20|EPI_ISL_456930|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22900/2020|2020-08-06|EPI_ISL_570732|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-1B0244/2020|2020-04-30|EPI_ISL_459259|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205141159/2020|2020-12-16|EPI_ISL_756135|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/Australia/VIC4380/2020|2020-07-14|EPI_ISL_519676|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS0972408/2020|2020-10-28|EPI_ISL_739866|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NOTT-121804/2020|2020-12-21|EPI_ISL_763819|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9764/2020|2020-11-09|EPI_ISL_669157|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACBD00/2020|2020-10-20|EPI_ISL_629117|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6727/2020|2020-08-00|EPI_ISL_687838|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-7047/2020|2020-10-12|EPI_ISL_619896|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-9C5772/2020|2020-09-10|EPI_ISL_567782|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2591/2020|2020-06-02|EPI_ISL_545414|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-C3AEB3/2020|2020-12-08|EPI_ISL_767202|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2655/2020|2020-04-00|EPI_ISL_690787|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-C5D8F1/2020|2020-12-14|EPI_ISL_769360|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2231/2020|2020-12-02|EPI_ISL_770805|Original|hCoV-19^^Minnesota|Human|Vault Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/CAMB-1B2488/2020|2020-05-15|EPI_ISL_456682|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Russia/Sverdlovsk-71905/2020|2020-03-19|EPI_ISL_428879|Vero|hCoV-19^^Sverdlovsk|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/USA/TX-HMH-4353/2020|2020-06-17|EPI_ISL_543554|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-A4C569/2020|2020-10-07|EPI_ISL_595977|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC15150/2020|2020-08-27|EPI_ISL_593160|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-S1591/2020|2020-09-04|EPI_ISL_755932|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Switzerland/BS-42341001/2020|2020-07-06|EPI_ISL_581897|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-13546/2020|2020-11-30|EPI_ISL_712239|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BL-42209561/2020|2020-03-27|EPI_ISL_581798|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-CZB-11914/2020|2020-10-04|EPI_ISL_672289|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-7967/2020|2020-06-29|EPI_ISL_545749|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CE032/2020|2020-09-16|EPI_ISL_566286|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9382/2020|2020-08-17|EPI_ISL_565533|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/MB_8/2020|2020-03-12|EPI_ISL_418812|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/England/CAMC-C80AA4/2020|2020-12-17|EPI_ISL_762717|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A667CD/2020|2020-10-12|EPI_ISL_630620|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9B8EC8/2020|2020-09-06|EPI_ISL_602142|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10570/2020|2020-10-23|EPI_ISL_626316|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-B23C35/2020|2020-11-04|EPI_ISL_646429|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/312/2020|2020-03-18|EPI_ISL_417641|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Singapore/447/2020|2020-04-15|EPI_ISL_475978|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Norway/4601/2020|2020-10-14|EPI_ISL_775478|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/CT-Yale-098/2020|2020-04-02|EPI_ISL_428749|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/QEUEH-C31204/2020|2020-12-10|EPI_ISL_731429|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0007/2020|2020-06-00|EPI_ISL_591353|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1018/2020|2020-06-17|EPI_ISL_512889|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/20186006704/2020|2020-04-29|EPI_ISL_465466|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201113557/2020|2020-04-23|EPI_ISL_634901|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-B5B42D/2020|2020-11-08|EPI_ISL_655488|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3631/2020|2020-04-27|EPI_ISL_439301|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7250/2020|2020-06-29|EPI_ISL_546626|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-A369DF/2020|2020-10-04|EPI_ISL_638932|Original|hCoV-19^^Scotland|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-110C35/2020|2020-05-01|EPI_ISL_448396|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2413/2020|2020-05-22|EPI_ISL_513835|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/AZ-TG280882/2020|2020-04-23|EPI_ISL_694211|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-6696/2020|2020-07-00|EPI_ISL_687807|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-ACTREC-174/2020|2020-06-13|EPI_ISL_699829|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/MA-MGH-01504/2020|2020-05-07|EPI_ISL_791961|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Spain/CL-IBV-97006162/2020|2020-04-05|EPI_ISL_537309|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-955373/2020|2020-06-12|EPI_ISL_553427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0682-SAN/2020|2020-03-28|EPI_ISL_483299|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-66DEF2/2020|2020-07-02|EPI_ISL_558050|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15225/2020|2020-08-03|EPI_ISL_593202|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/846/2020|2020-07-12|EPI_ISL_518010|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/ALDP-AC0F8D/2020|2020-10-08|EPI_ISL_649312|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordHolland_7/2020|2020-04-01|EPI_ISL_460796|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/Donner93/2020|2020-08-20|EPI_ISL_644997|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/England/MILK-B88A9E/2020|2020-11-14|EPI_ISL_675940|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-71D9A/2020|2020-03-30|EPI_ISL_438300|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D986/2020|2020-11-09|EPI_ISL_704452|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-950D2F/2020|2020-06-14|EPI_ISL_554566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00705/2020|2020-04-06|EPI_ISL_460293|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-955BB7/2020|2020-06-12|EPI_ISL_555489|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-005934/2020|2020-03-20|EPI_ISL_500370|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC17056/2020|2020-08-04|EPI_ISL_663710|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B626E1/2020|2020-11-08|EPI_ISL_656436|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC11FC/2020|2020-11-01|EPI_ISL_664354|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4628/2020|2020-06-22|EPI_ISL_543765|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/8May30S7/2020|2020-05-08|EPI_ISL_481723|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-368BE/2020|2020-04-28|EPI_ISL_474725|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20254/2020|2020-11-30|EPI_ISL_748077|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11436/2020|2020-08-22|EPI_ISL_562643|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-290635-01/2020|2020-12-24|EPI_ISL_767536|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/SHEF-C5B8E/2020|2020-11-24|EPI_ISL_680142|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-94C755/2020|2020-06-15|EPI_ISL_556061|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16667E/2020|2020-06-23|EPI_ISL_494027|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20189054101/2020|2020-04-30|EPI_ISL_465535|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DCA7F/2020|2020-09-21|EPI_ISL_580947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490168/2020|2020-11-05|EPI_ISL_706450|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0419/2020|2020-05-15|EPI_ISL_698594|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUEH-9DE4BB/2020|2020-09-21|EPI_ISL_599727|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0055/2020|2020-03-07|EPI_ISL_479818|Original|hCoV-19^^Hokkaido|Human|Hokkaido Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/VC-FISABIO-236/2020|2020-03-25|EPI_ISL_436331|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Denmark/DCGC-9647/2020|2020-11-09|EPI_ISL_669086|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Hong Kong/HKU-200723-025/2020|2020-02-25|EPI_ISL_497792|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Australia/SAP317/2020|2020-03-26|EPI_ISL_483097|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20550/2020|2020-03-24|EPI_ISL_460598|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-B2EEF8/2020|2020-11-03|EPI_ISL_660018|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_78/2020|2020-05-19|EPI_ISL_460977|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-9647B1/2020|2020-08-11|EPI_ISL_536851|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B02DB1/2020|2020-10-24|EPI_ISL_642770|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165800/2020|2020-06-13|EPI_ISL_490728|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9D20E0/2020|2020-09-18|EPI_ISL_601580|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B328E/2020|2020-03-27|EPI_ISL_534846|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Israel/CVL-76-ngs/2020|2020-12-24|EPI_ISL_776580|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-99A460/2020|2020-08-29|EPI_ISL_550387|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124D424/2020|2020-04-27|EPI_ISL_507097|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/MILK-9A802F/2020|2020-09-02|EPI_ISL_572514|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012584910/2020|2020-08-10|EPI_ISL_745854|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-GMF-11750/2020|2020-07-21|EPI_ISL_547632|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Ireland/MN-NVRL-MPL10032/2020|2020-04-17|EPI_ISL_767822|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Belgium/regA-10191289/2020|2020-10-19|EPI_ISL_735195|Original|hCoV-19^^Nossegem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-12794/2020|2020-08-19|EPI_ISL_790527|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-2342/2020|2020-05-12|EPI_ISL_513792|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMC-B09F2D/2020|2020-10-30|EPI_ISL_673142|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290320-01/2020|2020-00-00|EPI_ISL_765521|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/Donner78/2020|2020-08-01|EPI_ISL_644982|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/Iran/SA-Isf-55/2020|2020-08-06|EPI_ISL_591346|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard, S.|Iran

>Spike|hCoV-19/Wales/PHWC-16F772/2020|2020-10-04|EPI_ISL_586016|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iran/SA-Isf-61/2020|2020-05-13|EPI_ISL_582007|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh, S.|Iran

>Spike|hCoV-19/USA/UT-02574/2020|2020-04-25|EPI_ISL_487220|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/MILK-B39FAC/2020|2020-10-31|EPI_ISL_706013|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9117076/2020|2020-10-26|EPI_ISL_744855|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-CFC28D/2020|2020-12-21|EPI_ISL_781737|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-H12-53/2020|2020-04-12|EPI_ISL_529985|Vero|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/USA/MA-CDC-STM-P056/2020|2020-12-19|EPI_ISL_755617|Original|hCoV-19^^Massachusetts|Human|Helix/Illumina|Genomics and Discovery|Cook|USA

>Spike|hCoV-19/USA/AZ-TG491542/2020|2020-06-21|EPI_ISL_695158|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Canada/ON-S1561/2020|2020-09-02|EPI_ISL_755918|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/WA-UW-11602/2020|2020-06-17|EPI_ISL_570445|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/LA-EVTL1244/2020|2020-12-18|EPI_ISL_768513|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0053v2/2020|2020-04-09|EPI_ISL_644335|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-480FE9/2020|2020-10-20|EPI_ISL_613025|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BC7B72/2020|2020-11-23|EPI_ISL_721328|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC694/2020|2020-03-26|EPI_ISL_451409|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-A849F0/2020|2020-10-18|EPI_ISL_610523|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005875/2020|2020-03-07|EPI_ISL_537417|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC2136/2020|2020-06-20|EPI_ISL_480737|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-1D16AB/2020|2020-05-14|EPI_ISL_572815|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-J021/2020|2020-03-30|EPI_ISL_447556|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/MILK-9A9C0C/2020|2020-09-01|EPI_ISL_551135|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS-CPH-isl-479/2020|2020-04-29|EPI_ISL_605890|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/England/ALDP-95CD32/2020|2020-06-16|EPI_ISL_555124|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1307/2020|2020-03-31|EPI_ISL_648255|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LIVE-DC302A/2020|2020-11-25|EPI_ISL_703807|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9368/2020|2020-07-03|EPI_ISL_781081|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49AD88/2020|2020-12-03|EPI_ISL_727683|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/SAP254/2020|2020-03-26|EPI_ISL_483082|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/IL-NM-0437/2020|2020-04-10|EPI_ISL_626408|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/CO-CDPHE-2005110165/2020|2020-05-11|EPI_ISL_710211|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/BRIS-12CFB5/2020|2020-04-25|EPI_ISL_481839|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2377/2020|2020-05-31|EPI_ISL_514780|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Turkey/HSGM-1495/2020|2020-03-19|EPI_ISL_437325|Vero Pl|hCoV-19^^Istanbul|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Canada/BC_07833956/2020|2020-04-00|EPI_ISL_466822|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-3007/2020|2020-08-24|EPI_ISL_616783|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0411/2020|2020-07-02|EPI_ISL_495536|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-936ED1/2020|2020-06-21|EPI_ISL_552932|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-36906/2020|2020-04-28|EPI_ISL_474730|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-421/2020|2020-11-27|EPI_ISL_722693|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20140074104/2020|2020-03-29|EPI_ISL_423420|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Portugal/PT2053/2020|2020-11-09|EPI_ISL_732267|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B3D306/2020|2020-11-01|EPI_ISL_679835|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-950A28/2020|2020-06-14|EPI_ISL_554420|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-003/2020|2020-05-01|EPI_ISL_699660|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-6410/2020|2020-10-12|EPI_ISL_620310|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/GE-EMC-198/2020|2020-05-04|EPI_ISL_523180|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC7364/2020|2020-07-21|EPI_ISL_564361|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/rega-10181069/2020|2020-10-18|EPI_ISL_735109|Original|hCoV-19^^Bierbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-976637/2020|2020-08-20|EPI_ISL_575826|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15145/2020|2020-11-23|EPI_ISL_738763|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-9D8E86/2020|2020-09-18|EPI_ISL_576679|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Portugal/PT0456/2020|2020-04-18|EPI_ISL_454180|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NY-Wadsworth-286666-01/2020|2020-12-14|EPI_ISL_767451|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-C3B1A3/2020|2020-12-09|EPI_ISL_730741|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9408/2020|2020-08-19|EPI_ISL_565538|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-C4F56/2020|2020-04-19|EPI_ISL_462016|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-B95928/2020|2020-11-13|EPI_ISL_674975|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0370/2020|2020-04-29|EPI_ISL_458253|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-8642/2020|2020-09-00|EPI_ISL_686238|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC4634/2020|2020-07-10|EPI_ISL_519025|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Iceland/389/2020|2020-03-19|EPI_ISL_424413|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Italy/LAZ-INMI-41/2020|2020-06-12|EPI_ISL_603148|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/USA/NY-NYCPHL-001461/2020|2020-11-25|EPI_ISL_683822|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Spain/CL-IBV-97006266/2020|2020-04-21|EPI_ISL_537638|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-0527/2020|2020-06-19|EPI_ISL_508730|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Luxembourg/LNS3694003/2020|2020-03-18|EPI_ISL_417528|Original|hCoV-19^^Luxembourg|Human|Laboratoire Nationale de Sant\u00e9|Laboratoire Nationale de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-77611/2020|2020-03-31|EPI_ISL_439388|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A5AFC/2020|2020-12-11|EPI_ISL_764953|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-1B72B19/2020|2020-12-06|EPI_ISL_724913|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC11740/2020|2020-07-22|EPI_ISL_563478|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DC6BEA/2020|2020-11-29|EPI_ISL_702974|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-5058/2020|2020-08-00|EPI_ISL_690169|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-QDX-732/2020|2020-03-21|EPI_ISL_571465|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MN-QDX-1695/2020|2020-03-16|EPI_ISL_604009|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-BA3550/2020|2020-11-18|EPI_ISL_721054|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG637292/2020|2020-07-27|EPI_ISL_695721|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-4415/2020|2020-06-17|EPI_ISL_543602|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-02595/2020|2020-04-26|EPI_ISL_522261|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-48A231/2020|2020-11-04|EPI_ISL_651543|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0189/2020|2020-11-22|EPI_ISL_747425|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Canada/QC-LSPQ-L00236526/2020|2020-03-24|EPI_ISL_536132|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/NORT-28171F/2020|2020-03-19|EPI_ISL_488789|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UN-777/2020|2020-03-03|EPI_ISL_420551|Original|hCoV-19^^India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/England/BIRM-5E971/2020|2020-04-26|EPI_ISL_447925|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Canada/ON-S846/2020|2020-04-11|EPI_ISL_591169|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUEH-9B0D0F/2020|2020-09-03|EPI_ISL_559861|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8708/2020|2020-10-26|EPI_ISL_625699|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201117349/2020|2020-04-01|EPI_ISL_623181|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-8634/2020|2020-10-26|EPI_ISL_625996|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S494/2020|2020-04-01|EPI_ISL_434254|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-2709/2020|2020-08-17|EPI_ISL_616442|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0326/2020|2020-04-13|EPI_ISL_489735|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/NSW1015/2020|2020-03-22|EPI_ISL_593660|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-9A95A7/2020|2020-08-31|EPI_ISL_551249|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D016/2020|2020-10-14|EPI_ISL_608169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1227/2020|2020-05-18|EPI_ISL_482948|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/IL-UW-2119/2020|2020-10-02|EPI_ISL_677524|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-S951/2020|2020-04-27|EPI_ISL_463441|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUEH-C5BEC4/2020|2020-12-14|EPI_ISL_769460|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00820/2020|2020-05-27|EPI_ISL_692881|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/QEUEH-96D26C/2020|2020-08-18|EPI_ISL_530697|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1606/2020|2020-08-20|EPI_ISL_614016|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-48C93A/2020|2020-11-02|EPI_ISL_665584|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98008265/2020|2020-10-01|EPI_ISL_654553|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Switzerland/Vs-ETHZ-321402/2020|2020-10-14|EPI_ISL_603643|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-DB61AF/2020|2020-11-06|EPI_ISL_650542|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A85A29/2020|2020-10-17|EPI_ISL_610502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2EA95A/2020|2020-00-00|EPI_ISL_704588|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10869/2020|2020-07-09|EPI_ISL_789667|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/GA-CDC-7407/2020|2020-10-22|EPI_ISL_681820|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Japan/TKYE622387/2020|2020-07-00|EPI_ISL_649128|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Ryota|Japan

>Spike|hCoV-19/England/PORT-2D3F9E/2020|2020-00-00|EPI_ISL_507158|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1071/2020|2020-06-06|EPI_ISL_626494|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Israel/CVL-46394/2020|2020-12-15|EPI_ISL_745071|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Iceland/210/2020|2020-03-16|EPI_ISL_417829|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Canada/NS-NML-1261/2020|2020-04-06|EPI_ISL_579649|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/MILK-A22DE9/2020|2020-10-03|EPI_ISL_611951|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7402/2020|2020-06-29|EPI_ISL_546741|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-2527/2020|2020-05-00|EPI_ISL_690662|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20118109104/2020|2020-03-12|EPI_ISL_464952|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48AE5B/2020|2020-11-06|EPI_ISL_665361|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16490/2020|2020-11-16|EPI_ISL_714799|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1806/2020|2020-11-24|EPI_ISL_729278|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Wales/PHWC-487EA9/2020|2020-10-29|EPI_ISL_639318|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0F22/2020|2020-11-22|EPI_ISL_704793|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18365/2020|2020-11-18|EPI_ISL_784713|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0170/2020|2020-03-25|EPI_ISL_569346|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0027Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-AB7E6E/2020|2020-10-21|EPI_ISL_623327|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D62C1/2020|2020-04-21|EPI_ISL_482204|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16204/2020|2020-11-16|EPI_ISL_714367|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-IGI-0133/2020|2020-06-10|EPI_ISL_495154|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/USA/AR-CDC-2-3693681/2020|2020-10-29|EPI_ISL_747066|Original|hCoV-19^^Arkansas|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/ALDP-A506BA/2020|2020-10-07|EPI_ISL_597838|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1667297/2020|2020-04-17|EPI_ISL_445065|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-48D1D7/2020|2020-11-07|EPI_ISL_680588|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/MH-NVRL-MPK48258/2020|2020-05-20|EPI_ISL_767816|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/UT-UPHL-2009665/2020|2020-07-27|EPI_ISL_605340|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-840/2020|2020-03-29|EPI_ISL_444933|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/PHWC-36371/2020|2020-04-29|EPI_ISL_474657|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B46856/2020|2020-11-06|EPI_ISL_656041|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1E66/2020|2020-04-05|EPI_ISL_499287|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-A66AF1/2020|2020-10-12|EPI_ISL_630683|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1578/2020|2020-05-26|EPI_ISL_496004|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-BB1B20/2020|2020-11-18|EPI_ISL_720618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28AD8D/2020|2020-04-15|EPI_ISL_492942|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499B25/2020|2020-12-05|EPI_ISL_727404|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-29E71F/2020|2020-04-30|EPI_ISL_488097|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02292/2020|2020-09-00|EPI_ISL_671522|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/India/TG-CDFD-C673/2020|2020-05-12|EPI_ISL_528602|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core- Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/USA/WA-UW216/2020|2020-03-14|EPI_ISL_417365|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-5691/2020|2020-09-21|EPI_ISL_621196|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-3735/2020|2020-07-22|EPI_ISL_548438|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC6847/2020|2020-07-25|EPI_ISL_564094|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-9789/2020|2020-05-17|EPI_ISL_672177|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/FL_9655/2020|2020-03-05|EPI_ISL_424854|Original|hCoV-19^^Florida|Human|FL Bureau of Public Health Laboratories-Miami|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUEH-C32FEE/2020|2020-12-11|EPI_ISL_782653|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW796/2020|2020-08-04|EPI_ISL_526138|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Iceland/252/2020|2020-03-17|EPI_ISL_417580|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/BRIS-1250F5/2020|2020-03-23|EPI_ISL_443693|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB10083/2020|2020-11-20|EPI_ISL_680466|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Canada/ON-S901/2020|2020-04-12|EPI_ISL_586474|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Denmark/ALAB-SSI490/2020|2020-03-21|EPI_ISL_429567|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10224/2020|2020-07-07|EPI_ISL_789377|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR2580/2020|2020-04-16|EPI_ISL_473518|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-577/2020|2020-09-19|EPI_ISL_578005|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A42035/2020|2020-10-05|EPI_ISL_609478|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3500/2020|2020-04-13|EPI_ISL_439273|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8A277/2020|2020-10-16|EPI_ISL_638840|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-1567/2020|2020-04-00|EPI_ISL_685173|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CT-CDC-2-3693464/2020|2020-11-05|EPI_ISL_747135|Original|hCoV-19^^Connecticut|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Japan/PG-2294/2020|2020-04-00|EPI_ISL_685899|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A7AA36/2020|2020-10-15|EPI_ISL_606343|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09071/2020|2020-03-20|EPI_ISL_421618|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Denmark/DCGC-4788/2020|2020-09-21|EPI_ISL_621398|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-C93CA8/2020|2020-12-17|EPI_ISL_762002|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/094/2020|2020-07-21|EPI_ISL_512649|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Switzerland/BE-ETHZ-360193/2020|2020-11-10|EPI_ISL_728866|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S639/2020|2020-04-16|EPI_ISL_438192|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/LEED-2A8ADD/2020|2020-04-04|EPI_ISL_539044|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AB9C0/2020|2020-05-31|EPI_ISL_612446|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/France/ARA-SC402/2020|2020-04-15|EPI_ISL_660364|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/NY-Wadsworth-194570-01/2020|2020-08-07|EPI_ISL_677034|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B63C75/2020|2020-11-08|EPI_ISL_656417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8675/2020|2020-10-26|EPI_ISL_625983|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2481/2020|2020-06-11|EPI_ISL_514884|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/NSW596/2020|2020-03-27|EPI_ISL_478708|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WA-S2602/2020|2020-06-18|EPI_ISL_497234|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-5860/2020|2020-09-28|EPI_ISL_621047|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00317/2020|2020-04-18|EPI_ISL_791723|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUEH-9F380F/2020|2020-09-24|EPI_ISL_588529|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94FAC2/2020|2020-06-16|EPI_ISL_555777|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-317/2020|2020-05-04|EPI_ISL_534314|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Universitario da USP de SP|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/QEUEH-BA0D00/2020|2020-11-18|EPI_ISL_719781|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09122/2020|2020-03-19|EPI_ISL_422497|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/ALDP-94F5C1/2020|2020-06-18|EPI_ISL_556322|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45EDD/2020|2020-11-07|EPI_ISL_655997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21049/2020|2020-03-25|EPI_ISL_507825|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WA-S101/2020|2020-02-28|EPI_ISL_417154|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/CT-Yale-309/2020|2020-03-30|EPI_ISL_476537|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/CAMC-B2228F/2020|2020-11-02|EPI_ISL_645866|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3011/2020|2020-08-24|EPI_ISL_616788|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B68724/2020|2020-11-11|EPI_ISL_662157|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0411455/2020|2020-04-11|EPI_ISL_476965|Original|hCoV-19^^Mouscron|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Germany/BY-MVP-0221/2020|2020-04-22|EPI_ISL_466894|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Luxembourg/LNS7630398/2020|2020-10-24|EPI_ISL_744602|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-7542/2020|2020-08-00|EPI_ISL_686644|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/LOM-INMI-BG-9225/2020|2020-02-26|EPI_ISL_460083|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/USA/VA-DCLS-0177/2020|2020-04-06|EPI_ISL_437393|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/QEUEH-A4C305/2020|2020-10-05|EPI_ISL_628561|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR6022/2020|2020-11-30|EPI_ISL_680459|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-7A0C25/2020|2020-07-12|EPI_ISL_533108|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0796/2020|2020-05-08|EPI_ISL_583706|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-7431/2020|2020-10-12|EPI_ISL_619353|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14006/2020|2020-08-15|EPI_ISL_787297|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B32E88/2020|2020-11-05|EPI_ISL_659313|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13655/2020|2020-11-30|EPI_ISL_712941|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12C7CC/2020|2020-05-13|EPI_ISL_469518|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0459/2020|2020-03-24|EPI_ISL_495365|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/South Korea/KCDC2436/2020|2020-06-04|EPI_ISL_514839|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-9CE8B2/2020|2020-09-17|EPI_ISL_590142|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9DFDE/2020|2020-04-09|EPI_ISL_453258|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0DE2C/2020|2020-11-02|EPI_ISL_642070|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F6875/2020|2020-09-27|EPI_ISL_600836|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A63FC8/2020|2020-10-12|EPI_ISL_628681|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-8D8379/2020|2020-06-24|EPI_ISL_556995|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8490/2020|2020-10-18|EPI_ISL_612372|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1249/2020|2020-12-18|EPI_ISL_768518|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-A87AAF/2020|2020-10-17|EPI_ISL_606292|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00215981/2020|2020-03-12|EPI_ISL_535743|Original|hCoV-19^^Quebec|Human|Centre de SSS La Pommerai e|Laboratoire de sant e publique du Qu bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-5744/2020|2020-09-28|EPI_ISL_621249|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-163A39/2020|2020-05-10|EPI_ISL_474030|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003477/2020|2020-04-07|EPI_ISL_539275|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/LI-RIVM-20588/2020|2020-12-13|EPI_ISL_790671|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-C586DE/2020|2020-12-13|EPI_ISL_736073|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1190/2020|2020-05-05|EPI_ISL_477280|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Germany/HH-hpi-p1541/2020|2020-03-15|EPI_ISL_776033|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Canada/ON-E71b/2020|2020-04-03|EPI_ISL_770824|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/LA-EVTL479/2020|2020-06-23|EPI_ISL_578883|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/AZ-TG396346/2020|2020-06-09|EPI_ISL_694805|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/WA-S1660/2020|2020-05-29|EPI_ISL_496086|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Colombia/CAU-INS-89002/2020|2020-03-31|EPI_ISL_498159|Original|hCoV-19^^Cauca|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Switzerland/BL-ETHZ-110036/2020|2020-04-01|EPI_ISL_486472|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CO-CDPHE-2100038277/2020|2020-11-17|EPI_ISL_771172|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-120013/2020|2020-04-17|EPI_ISL_468212|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B08FF1/2020|2020-10-29|EPI_ISL_681656|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130BAB/2020|2020-03-14|EPI_ISL_492592|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0977/2020|2020-07-24|EPI_ISL_569024|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMB-7C852/2020|2020-04-05|EPI_ISL_441613|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Bahrain/340861247_S22/2020|2020-10-14|EPI_ISL_632255|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/USA/CA-ALSR-3851/2020|2020-06-29|EPI_ISL_636244|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-AA3542/2020|2020-10-22|EPI_ISL_623912|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL036/2020|2020-04-24|EPI_ISL_435574|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-A05784/2020|2020-09-30|EPI_ISL_600032|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG280795/2020|2020-04-18|EPI_ISL_694152|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-13174/2020|2020-11-30|EPI_ISL_712145|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1411/2020|2020-03-28|EPI_ISL_511370|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-CZB-3659/2020|2020-07-18|EPI_ISL_516734|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/UT-UPHL-2012135808/2020|2020-08-15|EPI_ISL_746305|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-A6E33A/2020|2020-10-15|EPI_ISL_607173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-CMP-34/2020|2020-09-09|EPI_ISL_779708|Original|hCoV-19^^Maharashtra|Human|The Foundation for Medical Research|The Foundation for Medical Research|Mandal|India

>Spike|hCoV-19/England/ALDP-CC061D/2020|2020-12-18|EPI_ISL_760587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CC40/2020|2020-10-14|EPI_ISL_607088|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8758/2020|2020-09-00|EPI_ISL_686354|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-3720/2020|2020-06-16|EPI_ISL_543136|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-59460A/2020|2020-06-11|EPI_ISL_558255|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6217/2020|2020-07-23|EPI_ISL_518215|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1066/2020|2020-06-13|EPI_ISL_513087|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-BAA0A3/2020|2020-11-18|EPI_ISL_783173|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C658F/2020|2020-04-25|EPI_ISL_479219|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B26160/2020|2020-11-04|EPI_ISL_646691|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21205/2020|2020-04-01|EPI_ISL_507462|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-B52338/2020|2020-11-08|EPI_ISL_656760|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204241470/2020|2020-10-13|EPI_ISL_622855|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-C70B68/2020|2020-12-16|EPI_ISL_769207|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C61362/2020|2020-12-13|EPI_ISL_735560|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-113B08/2020|2020-09-26|EPI_ISL_573458|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13943/2020|2020-06-23|EPI_ISL_739056|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/EDB1541/2020|2020-04-12|EPI_ISL_433077|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-BC76BD/2020|2020-11-22|EPI_ISL_721185|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8C07A/2020|2020-11-13|EPI_ISL_674213|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW89/2020|2020-03-10|EPI_ISL_416445|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Austria/CeMM0376/2020|2020-03-28|EPI_ISL_475820|Original|hCoV-19^^Mayrhofen|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/MILK-C2FB2C/2020|2020-12-07|EPI_ISL_733872|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03814/2020|2020-11-00|EPI_ISL_775025|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Portugal/PT2065/2020|2020-11-11|EPI_ISL_732279|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Australia/NSW2538/2020|2020-04-04|EPI_ISL_527040|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/EXET-13DA92/2020|2020-00-00|EPI_ISL_724275|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97010114/2020|2020-11-14|EPI_ISL_683641|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/VIC17272/2020|2020-07-31|EPI_ISL_663814|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2297/2020|2020-08-10|EPI_ISL_617721|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AA553/2020|2020-04-17|EPI_ISL_443604|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Belgium/IMJ-0401373/2020|2020-04-01|EPI_ISL_462227|Original|hCoV-19^^Bornem|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Portugal/PT0037/2020|2020-03-15|EPI_ISL_418022|Original|hCoV-19^^Portugal|Human|H Braga|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Netherlands/NA_227/2020|2020-03-27|EPI_ISL_422762|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-8169/2020|2020-10-26|EPI_ISL_617224|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10628/2020|2020-10-25|EPI_ISL_636607|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUA-B6895B/2020|2020-11-11|EPI_ISL_661517|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A0B2D8/2020|2020-10-03|EPI_ISL_599294|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4830/2020|2020-07-18|EPI_ISL_519214|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-0143/2020|2020-03-06|EPI_ISL_480794|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/PORT-2D0E85/2020|2020-03-31|EPI_ISL_475297|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-9C463A/2020|2020-09-09|EPI_ISL_566956|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D8D5/2020|2020-10-09|EPI_ISL_586206|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1553/2020|2020-04-00|EPI_ISL_685159|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/GSTT-265D8F1/2020|2020-03-25|EPI_ISL_484033|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13205/2020|2020-11-30|EPI_ISL_712150|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5045/2020|2020-07-00|EPI_ISL_690156|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-A1FE64/2020|2020-10-01|EPI_ISL_598971|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-113027/2020|2020-09-07|EPI_ISL_534757|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-AC8617/2020|2020-10-21|EPI_ISL_629426|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A0639E/2020|2020-10-01|EPI_ISL_600027|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_95/2020|2020-03-31|EPI_ISL_422631|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-CC77D7/2020|2020-12-20|EPI_ISL_760377|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC126/2020|2020-03-20|EPI_ISL_419728|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC16938/2020|2020-08-05|EPI_ISL_663648|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/IC-0535/2021|2021-01-00|EPI_ISL_779218|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A958B3/2020|2020-10-19|EPI_ISL_624846|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15781/2020|2020-07-10|EPI_ISL_785465|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-12903/2020|2020-06-29|EPI_ISL_570809|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B384BD/2020|2020-11-01|EPI_ISL_658751|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009308/2020|2020-05-14|EPI_ISL_524914|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MI-QDX-467/2020|2020-03-23|EPI_ISL_571202|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC705/2020|2020-03-30|EPI_ISL_426992|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/UN-UW-1407/2020|2020-03-17|EPI_ISL_422983|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-2846/2020|2020-08-24|EPI_ISL_616673|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1490/2020|2020-08-10|EPI_ISL_568588|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-96216A/2020|2020-08-10|EPI_ISL_531747|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20100122107/2020|2020-03-02|EPI_ISL_415143|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2036/2020|2020-05-13|EPI_ISL_486282|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/QEUEH-B10D56/2020|2020-11-02|EPI_ISL_642433|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA75981/2020|2020-09-21|EPI_ISL_639985|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-15975/2020|2020-11-23|EPI_ISL_714515|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-95F537/2020|2020-08-06|EPI_ISL_532312|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-953612/2020|2020-06-08|EPI_ISL_553771|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D7510/2020|2020-10-27|EPI_ISL_651277|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-B66A1E/2020|2020-11-11|EPI_ISL_655266|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C80FC/2020|2020-09-11|EPI_ISL_567140|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LCST-24D7071/2020|2020-06-06|EPI_ISL_478358|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/BRIS-12ABD/2020|2020-05-02|EPI_ISL_458427|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2148/2020|2020-06-20|EPI_ISL_521917|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-AFMC-5309/2020|2020-05-21|EPI_ISL_496538|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/205091067/2020|2020-12-11|EPI_ISL_766299|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2141/2020|2020-11-09|EPI_ISL_708479|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Belgium/regal-10191293/2020|2020-10-19|EPI_ISL_735198|Original|hCoV-19^^Nossegem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-6003/2020|2020-09-28|EPI_ISL_621112|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B894CC/2020|2020-11-13|EPI_ISL_675958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008615/2020|2020-09-28|EPI_ISL_654194|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/NA_313/2020|2020-04-02|EPI_ISL_422622|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-C8990/2020|2020-10-12|EPI_ISL_613375|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-B366B9/2020|2020-11-05|EPI_ISL_645339|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A992A/2020|2020-04-12|EPI_ISL_538878|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13BC25/2020|2020-00-00|EPI_ISL_679361|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/India/UN-15348/2020|2020-00-00|EPI_ISL_491479|Original|hCoV-19^^India|Human|CSIR-CDRI/SGPGI|CSIR-CDRI/SGPGI|Singh|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-18857/2020|2020-11-24|EPI_ISL_785173|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-2666/2020|2020-07-09|EPI_ISL_635617|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-B68C70/2020|2020-11-11|EPI_ISL_655128|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC138/2020|2020-03-23|EPI_ISL_419834|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3831/2020|2020-07-13|EPI_ISL_520544|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9C4B4A/2020|2020-09-11|EPI_ISL_567718|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B95DC2/2020|2020-11-14|EPI_ISL_709897|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0556/2020|2020-05-14|EPI_ISL_574459|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-9CAC05/2020|2020-09-16|EPI_ISL_575705|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_65/2020|2020-06-06|EPI_ISL_645064|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/England/QEUEH-9CFBB8/2020|2020-09-16|EPI_ISL_589892|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9E5396/2020|2020-09-24|EPI_ISL_601035|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35B6B/2020|2020-04-27|EPI_ISL_474533|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22447/2020|2020-12-14|EPI_ISL_757416|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-249DE/2020|2020-03-19|EPI_ISL_419466|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B62906/2020|2020-11-09|EPI_ISL_656620|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035977253/2020|2020-09-16|EPI_ISL_583356|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1089/2020|2020-12-13|EPI_ISL_722770|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC9349/2020|2020-07-30|EPI_ISL_565514|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-QDX-1784/2020|2020-03-17|EPI_ISL_604098|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-A7AA09/2020|2020-10-15|EPI_ISL_606471|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2885/2020|2020-08-24|EPI_ISL_616580|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D3BC9/2020|2020-04-04|EPI_ISL_449637|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4185/2020|2020-06-18|EPI_ISL_543420|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C8B47E/2020|2020-12-16|EPI_ISL_756619|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9581B2/2020|2020-06-09|EPI_ISL_554770|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/333271/2020|2020-02-23|EPI_ISL_496736|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-9EDBD2/2020|2020-05-09|EPI_ISL_580650|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201108499/2020|2020-05-12|EPI_ISL_628988|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/India/MH-CSIR-IGIB-patE-F/2020|2020-09-04|EPI_ISL_676509|Original|hCoV-19^^Maharashtra|Human|TNMC & Nair ch. Hospital|CSIR-Institute of Genomics and Integrative Biology|Pandey|India

>Spike|hCoV-19/USA/WA-UW-10420/2020|2020-06-05|EPI_ISL_501089|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-98EF6E/2020|2020-08-28|EPI_ISL_540395|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW39/2020|2020-03-06|EPI_ISL_416456|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NOTT-110F3C/2020|2020-04-20|EPI_ISL_448438|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-240077/2020|2020-08-10|EPI_ISL_523915|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/171/2020|2020-04-15|EPI_ISL_462289|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-9E8A34/2020|2020-09-24|EPI_ISL_638273|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Russia/NVS-RII-34320S/2020|2020-00-00|EPI_ISL_605792|Original|hCoV-19^^Novosibirsk|Human|Department of Experimental Modeling and Pathogenesis of Infectious Diseases|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Belgium/ULG-10072/2020|2020-04-03|EPI_ISL_424631|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-B21E7D/2020|2020-11-02|EPI_ISL_646067|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9216/2020|2020-08-21|EPI_ISL_565447|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20144005404/2020|2020-03-31|EPI_ISL_423490|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C9DE5/2020|2020-09-10|EPI_ISL_567516|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC0C65/2020|2020-11-03|EPI_ISL_705340|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-769/2020|2020-10-10|EPI_ISL_632605|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Belgium/SC-0325380/2020|2020-03-25|EPI_ISL_462234|Original|hCoV-19^^Aisemont|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Switzerland/ZH-ETHZ-400052/2020|2020-12-05|EPI_ISL_729109|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-7B237/2020|2020-04-11|EPI_ISL_433933|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5147/2020|2020-10-16|EPI_ISL_730386|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/QEUEH-9F7BD5/2020|2020-09-27|EPI_ISL_589096|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09075/2020|2020-03-20|EPI_ISL_421621|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/LIVE-9F929/2020|2020-06-07|EPI_ISL_472025|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8639/2020|2020-07-01|EPI_ISL_780668|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Senegal/1749/2020|2020-03-31|EPI_ISL_480787|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/USA/MI-MDHHS-SC20897/2020|2020-04-24|EPI_ISL_476034|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CT-Yale-604/2020|2020-05-05|EPI_ISL_730066|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Poland/76089/2020|2020-11-00|EPI_ISL_732860|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/USA/WI-UW-1438/2020|2020-09-11|EPI_ISL_541571|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-9865/2020|2020-11-09|EPI_ISL_669238|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG547246/2020|2020-07-03|EPI_ISL_695445|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-56133C/2020|2020-06-10|EPI_ISL_558300|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99A66A/2020|2020-08-29|EPI_ISL_550322|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD39F2/2020|2020-10-26|EPI_ISL_629872|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/202881397/2020|2020-07-03|EPI_ISL_491731|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC365/2020|2020-04-08|EPI_ISL_430392|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-ACE040/2020|2020-10-21|EPI_ISL_630317|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1321/2020|2020-12-16|EPI_ISL_767887|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WI-UW-587/2020|2020-06-24|EPI_ISL_484962|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NORW-EF966/2020|2020-09-26|EPI_ISL_572651|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUEH-BF1975/2020|2020-12-05|EPI_ISL_709288|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6885E/2020|2020-11-11|EPI_ISL_655260|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79B6B/2020|2020-04-02|EPI_ISL_441305|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Finland/S11F9/2020|2020-09-20|EPI_ISL_732629|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-B391B5/2020|2020-11-01|EPI_ISL_658858|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6547/2020|2020-06-23|EPI_ISL_546073|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20139009504/2020|2020-03-27|EPI_ISL_421868|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B5315B/2020|2020-11-09|EPI_ISL_657634|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0859/2020|2020-06-28|EPI_ISL_525913|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/PG-6593/2020|2020-08-00|EPI_ISL_687705|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-21328/2020|2020-12-21|EPI_ISL_759681|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21495/2020|2020-07-30|EPI_ISL_516222|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/QEUEH-B2CA05/2020|2020-11-02|EPI_ISL_711006|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-859/2020|2020-03-30|EPI_ISL_582342|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/OR-OHSU-1153/2020|2020-07-10|EPI_ISL_509150|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/PG-1045/2020|2020-04-00|EPI_ISL_684655|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/NW-HHU-313/2020|2020-10-06|EPI_ISL_631316|Orginal|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Denmark/DCGC-5526/2020|2020-09-28|EPI_ISL_620851|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001036/2020|2020-09-29|EPI_ISL_633049|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-4873AA/2020|2020-10-14|EPI_ISL_639187|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0238/2020|2020-06-03|EPI_ISL_529199|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9153/2020|2020-07-02|EPI_ISL_780972|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1839/2020|2020-09-21|EPI_ISL_602974|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC12037/2020|2020-07-13|EPI_ISL_563512|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-C006E4/2020|2020-12-02|EPI_ISL_720868|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6EA6C8/2020|2020-06-30|EPI_ISL_557568|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C25FC0/2020|2020-12-06|EPI_ISL_782791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A5212/2020|2020-12-15|EPI_ISL_764839|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0059/2020|2020-06-18|EPI_ISL_512665|Original|hCoV-19^^San Jose|Human|Hospital De Las Mujeres Dr. Adolfo Carit|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/England/QEUA-A2236F/2020|2020-10-01|EPI_ISL_587459|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B0C7B/2020|2020-09-03|EPI_ISL_559858|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Norway/3142/2020|2020-08-09|EPI_ISL_549043|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/MILK-BABF87/2020|2020-11-18|EPI_ISL_720487|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C1162/2020|2020-04-19|EPI_ISL_457850|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Russia/OMS-ORINFI-3868S/2020|2020-07-08|EPI_ISL_569781|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/UT-02245/2020|2020-04-15|EPI_ISL_436936|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-946560/2020|2020-07-14|EPI_ISL_556689|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5BB61C/2020|2020-06-15|EPI_ISL_558756|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-564/2020|2020-04-14|EPI_ISL_437380|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/WI-UW-456/2020|2020-06-16|EPI_ISL_484831|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMB-7A678/2020|2020-04-01|EPI_ISL_441256|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-ABB592/2020|2020-10-22|EPI_ISL_623400|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FC4DE/2020|2020-04-12|EPI_ISL_459385|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NJ-CDC-7300/2020|2020-03-10|EPI_ISL_452117|Original|hCoV-19^^New Jersey|Human|NJ Public Health and Environmental Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-C3CA3E/2020|2020-12-10|EPI_ISL_731072|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3843/2020|2020-03-27|EPI_ISL_427191|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-16728/2020|2020-10-19|EPI_ISL_714440|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AD1CCE/2020|2020-10-26|EPI_ISL_629921|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13355/2020|2020-08-24|EPI_ISL_788502|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A69C9E/2020|2020-10-09|EPI_ISL_608838|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F8D47/2020|2020-09-27|EPI_ISL_588957|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19373/2020|2020-12-07|EPI_ISL_748912|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-486AA6/2020|2020-10-30|EPI_ISL_639105|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14381/2020|2020-11-30|EPI_ISL_711732|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F986750/2020|2020-11-17|EPI_ISL_767001|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Japan/PG-7355/2020|2020-08-00|EPI_ISL_688457|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B62EDA/2020|2020-11-08|EPI_ISL_655609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0410/2020|2020-04-24|EPI_ISL_467804|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-10315/2020|2020-00-00|EPI_ISL_636563|Original|hCoV-19^^NoordHolland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/GA_2070/2020|2020-03-07|EPI_ISL_426417|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/SAP033/2020|2020-03-19|EPI_ISL_451078|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/India/MH-CCMB-NIV4/2020|2020-03-26|EPI_ISL_450324|Original|hCoV-19^^Maharashtra|Human|NIV Pune|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/ALDP-94D7AF/2020|2020-06-16|EPI_ISL_555103|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-99840/2020|2020-04-09|EPI_ISL_439765|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B3EC91/2020|2020-10-21|EPI_ISL_645418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200037/2020|2020-03-25|EPI_ISL_471202|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/20149012004/2020|2020-04-03|EPI_ISL_466152|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F67F/2020|2020-10-06|EPI_ISL_612708|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E024/2020|2020-11-09|EPI_ISL_680795|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20129042204/2020|2020-03-12|EPI_ISL_424043|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG666138/2020|2020-03-25|EPI_ISL_696221|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUA-A314A6/2020|2020-10-05|EPI_ISL_595894|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-8E1762/2020|2020-06-25|EPI_ISL_557052|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-990A95/2020|2020-08-26|EPI_ISL_551845|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH1624S/2020|2020-09-09|EPI_ISL_602341|Original|hCoV-19^^Saint Petersburg|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/New Zealand/20VR1817/2020|2020-03-27|EPI_ISL_456264|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Australia/VIC5023/2020|2020-07-15|EPI_ISL_519827|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-3128/2020|2020-08-26|EPI_ISL_635861|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MN-MDH-2162/2020|2020-12-03|EPI_ISL_708500|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUEH-78EC5A/2020|2020-07-15|EPI_ISL_533199|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-420517/2020|2020-12-22|EPI_ISL_767956|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9FCE7D/2020|2020-10-01|EPI_ISL_587786|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-ISCI-202282/2020|2020-03-11|EPI_ISL_455334|Original|hCoV-19^^Galicia|Human|Complejo Hospitalario de Orense|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Germany/SH-ChVir9939/2020|2020-10-30|EPI_ISL_729426|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/CAMB-1AF891/2020|2020-05-01|EPI_ISL_459307|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201211368/2020|2020-04-07|EPI_ISL_678512|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-IGI-0125/2020|2020-06-08|EPI_ISL_495147|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/England/QEUEH-B7D452/2020|2020-11-14|EPI_ISL_741862|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CFABB/2020|2020-09-16|EPI_ISL_589805|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670174/2020|2020-04-29|EPI_ISL_696372|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Scotland/CVR23/2020|2020-03-12|EPI_ISL_425749|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2E186/2020|2020-11-03|EPI_ISL_646243|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-668/2020|2020-09-16|EPI_ISL_700294|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/QEUEH-C33958/2020|2020-12-11|EPI_ISL_757184|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0398/2020|2020-12-00|EPI_ISL_736908|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/PAC-IHU-0187/2020|2020-03-27|EPI_ISL_569355|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/South Africa/Tygerberg_41/2020|2020-04-08|EPI_ISL_464150|Original|hCoV-19^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/England/MILK-AC73D5/2020|2020-10-22|EPI_ISL_630075|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10528/2020|2020-11-02|EPI_ISL_670035|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201015242/2020|2020-04-08|EPI_ISL_594091|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Jordan/IR-ALSR-3902/2020|2020-09-30|EPI_ISL_636268|Original|hCoV-19^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Spain/IB-IBV-99011559/2020|2020-12-14|EPI_ISL_779896|Original|hCoV-19^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-2158/2020|2020-05-22|EPI_ISL_513708|Original|hCoV-19^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-9730C3/2020|2020-08-20|EPI_ISL_575820|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-991B64/2020|2020-08-27|EPI_ISL_577026|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2537/2020|2020-11-14|EPI_ISL_734253|Original|hCoV-19^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/WA-UW-10272/2020|2020-06-03|EPI_ISL_570287|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A681FA/2020|2020-10-12|EPI_ISL_608584|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-52C0FA/2020|2020-06-01|EPI_ISL_558935|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200220/2020|2020-04-10|EPI_ISL_578440|Original|hCoV-19^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Scotland/CVR5569/2020|2020-10-28|EPI_ISL_651844|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG271882/2020|2020-03-20|EPI_ISL_426544|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/Scotland/EDB3032/2020|2020-04-03|EPI_ISL_489038|Original|hCoV-19^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2366/2020|2020-05-15|EPI_ISL_513807|Original|hCoV-19^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-0619/2020|2020-04-00|EPI_ISL_684229|Original|hCoV-19^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC2944/2020|2020-07-11|EPI_ISL_521774|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Slovakia/UKBA-207/2020|2020-04-29|EPI_ISL_577738|Original|hCoV-19^^Pezinok|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

>Spike|hCoV-19/USA/CA-CZB-4005/2020|2020-08-01|EPI_ISL_548630|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-6332/2020|2020-07-00|EPI_ISL_689443|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-800/2020|2020-07-05|EPI_ISL_495504|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/OXON-B4083/2020|2020-04-21|EPI_ISL_534927|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/BC_41851/2020|2020-03-02|EPI_ISL_415584|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Turkey/IST-GLAB-248/2020|2020-05-18|EPI_ISL_735314|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Australia/VIC6006/2020|2020-07-25|EPI_ISL_518781|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC22229/2020|2020-10-25|EPI_ISL_666895|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/TX-HMH-5219/2020|2020-06-24|EPI_ISL_544603|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wuhan/HB-WHCM-117/2020|2020-03-02|EPI_ISL_454997|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Scotland/QEUA-96D67F/2020|2020-08-20|EPI_ISL_534628|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9FF94C/2020|2020-09-30|EPI_ISL_600158|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200442/2020|2020-10-07|EPI_ISL_752985|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Luxembourg/LNS9804369/2020|2020-11-14|EPI_ISL_744989|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-9C8539/2020|2020-09-11|EPI_ISL_567091|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B9ADA/2020|2020-11-08|EPI_ISL_679150|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/NJ-QDX-1221/2020|2020-03-16|EPI_ISL_571977|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-795F48/2020|2020-07-15|EPI_ISL_533131|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17433/2020|2020-08-17|EPI_ISL_663885|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9CB3C3/2020|2020-09-17|EPI_ISL_575589|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A35EB3/2020|2020-10-05|EPI_ISL_706898|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/ARA-118811/2020|2020-12-11|EPI_ISL_745382|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/20188069004/2020|2020-04-30|EPI_ISL_465512|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Africa/N00358/2020|2020-09-28|EPI_ISL_712092|Original|hCoV-19^^Eastern Cape|Human|East London NHLS Laboratory|National Institute for Communicable Diseases of the National Health Laboratory Service|Bhiman|South Africa

>Spike|hCoV-19/USA/NY-MH001832/2020|2020-05-06|EPI_ISL_526688|Original|hCoV-19^^New York|Human|Faith Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/England/QEUA-5480AD/2020|2020-05-14|EPI_ISL_533434|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2370/2020|2020-03-17|EPI_ISL_604711|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WA-S684/2020|2020-04-11|EPI_ISL_449854|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/BIRM-65CBA/2020|2020-10-10|EPI_ISL_612218|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F806/2020|2020-10-01|EPI_ISL_586024|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8198/2020|2020-08-00|EPI_ISL_687297|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-6906/2020|2020-09-00|EPI_ISL_688014|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-PV08464/2020|2020-03-18|EPI_ISL_421410|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/FL-BPHL-1546/2020|2020-09-03|EPI_ISL_568644|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-10027/2020|2020-05-29|EPI_ISL_461450|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-735CD/2020|2020-03-20|EPI_ISL_440073|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7266/2020|2020-10-12|EPI_ISL_619239|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-97061F/2020|2020-08-18|EPI_ISL_553258|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-32670-01/2020|2020-03-30|EPI_ISL_676785|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Norway/4698/2020|2020-10-15|EPI_ISL_635070|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/FL-BPHL-0664/2020|2020-03-14|EPI_ISL_509722|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Nigeria/FC-CV247/2020|2020-07-08|EPI_ISL_729932|Original|hCoV-19^^Abuja|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/India/GJ-GBRC-402b/2020|2020-06-25|EPI_ISL_586521|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-16030/2020|2020-10-27|EPI_ISL_785714|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14290/2020|2020-11-30|EPI_ISL_711674|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08578/2020|2020-05-20|EPI_ISL_524332|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-CC5B64/2020|2020-12-22|EPI_ISL_760503|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B7D6D4/2020|2020-11-14|EPI_ISL_674589|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/LR00127/2020|2020-07-20|EPI_ISL_514359|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Japan/PG-5118/2020|2020-08-00|EPI_ISL_690227|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Jordan/AM-ALSR-4065/2020|2020-10-03|EPI_ISL_636425|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/CA-CZB-13454/2020|2020-09-09|EPI_ISL_672474|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC8389/2020|2020-08-10|EPI_ISL_564978|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-1B63225/2020|2020-12-01|EPI_ISL_741425|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CT-UW-4347/2020|2020-03-30|EPI_ISL_426054|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Italy/CAM-IZSM-119235/2020|2020-08-26|EPI_ISL_738128|Original|hCoV-19^^Campania|Human|IZSM-U.O.C. Virologia|Istituto Zooprofilattico Sperimentale del Mezzogiorno|Viscardi|Italy

>Spike|hCoV-19/India/TG-CCMB-K499/2020|2020-04-14|EPI_ISL_447865|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/PHWC-48CCF5/2020|2020-11-07|EPI_ISL_666529|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-CA3E72/2020|2020-12-16|EPI_ISL_762452|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UN-UW-2-2069/2020|2020-04-16|EPI_ISL_485949|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/UT-02713/2020|2020-04-26|EPI_ISL_522272|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-1612S/2020|2020-07-06|EPI_ISL_639914|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/OR-OHSU-0969/2020|2020-06-30|EPI_ISL_525939|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Ireland/LK-NVRL-MPT39150/2020|2020-05-20|EPI_ISL_767810|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/NORT-2837FF/2020|2020-03-31|EPI_ISL_488529|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-100816/2020|2020-03-26|EPI_ISL_451766|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-95F467/2020|2020-08-06|EPI_ISL_532383|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-920B1F/2020|2020-06-23|EPI_ISL_552853|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96AD31/2020|2020-08-14|EPI_ISL_531436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D2D4/2020|2020-10-14|EPI_ISL_608029|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15268/2020|2020-08-04|EPI_ISL_593225|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A660A4/2020|2020-10-10|EPI_ISL_637424|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0103/2020|2020-06-17|EPI_ISL_540981|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/USA/FL-UW-1387/2020|2020-09-05|EPI_ISL_536758|Original|hCoV-19^^Florida|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-B462D0/2020|2020-11-07|EPI_ISL_656188|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG448671/2020|2020-06-26|EPI_ISL_695018|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-2198/2020|2020-04-00|EPI_ISL_685803|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12D1AF/2020|2020-05-04|EPI_ISL_481897|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1303FE/2020|2020-04-11|EPI_ISL_492739|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497A57/2020|2020-11-23|EPI_ISL_726923|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15902/2020|2020-07-10|EPI_ISL_785586|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG379993/2020|2020-06-16|EPI_ISL_694641|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-310523/2020|2020-10-08|EPI_ISL_603591|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR5237/2020|2020-10-20|EPI_ISL_626849|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0041/2020|2020-04-03|EPI_ISL_464037|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/CAMB-1B9FAE/2020|2020-11-04|EPI_ISL_651571|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1362/2020|2020-03-15|EPI_ISL_572151|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/France/PAC-IHU-0604/2020|2020-04-10|EPI_ISL_568884|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Italy/ABR-IZSGC-TE5166/2020|2020-03-18|EPI_ISL_420563|Original|hCoV-19^^Abruzzo|Human|Ospedale Civile Giuseppe Mazzini|Istituto Zooprofilattico Sperimentale dell' Abruzzo e Molise \G. Caporale\|Lorusso|Italy

>Spike|hCoV-19/USA/WA-S1864/2020|2020-05-27|EPI_ISL_496290|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Russia/PER-RII-MH1950S/2020|2020-09-16|EPI_ISL_602375|Original|hCoV-19^^Perm|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/20109008404/2020|2020-03-05|EPI_ISL_464532|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-8DE30A/2020|2020-06-25|EPI_ISL_557066|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4630/2020|2020-09-07|EPI_ISL_612284|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1954/2020|2020-03-12|EPI_ISL_604288|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-9DF8FA/2020|2020-09-20|EPI_ISL_638435|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03656/2020|2020-11-00|EPI_ISL_775095|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Australia/VIC17283/2020|2020-08-16|EPI_ISL_663819|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/UT-EMC-220/2020|2020-12-04|EPI_ISL_722385|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-96E09E/2020|2020-08-18|EPI_ISL_530618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-811/2020|2020-03-23|EPI_ISL_571504|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-6156/2020|2020-07-04|EPI_ISL_547277|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS2068754/2020|2020-10-31|EPI_ISL_740053|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/20139044504/2020|2020-03-28|EPI_ISL_420683|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-28D6DA/2020|2020-11-18|EPI_ISL_702815|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48031A/2020|2020-10-11|EPI_ISL_612164|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13940/2020|2020-08-15|EPI_ISL_787232|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000127/2020|2020-04-02|EPI_ISL_631618|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC16932/2020|2020-08-06|EPI_ISL_663645|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-7140/2020|2020-09-02|EPI_ISL_583015|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-B32BFA/2020|2020-11-05|EPI_ISL_659105|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00055/2020|2020-03-25|EPI_ISL_460175|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/WA-UW108/2020|2020-03-11|EPI_ISL_416646|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13597/2020|2020-08-20|EPI_ISL_788707|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FBCB9/2020|2020-04-10|EPI_ISL_470084|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14299/2020|2020-10-05|EPI_ISL_787584|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-0725/2020|2020-07-09|EPI_ISL_526848|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/France/PAC-IHU-0545/2020|2020-04-06|EPI_ISL_569584|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-B49185/2020|2020-11-07|EPI_ISL_649314|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B31DB9/2020|2020-11-04|EPI_ISL_646197|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AF336/2020|2020-04-30|EPI_ISL_459260|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201160049/2020|2020-03-11|EPI_ISL_464781|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-F57EB/2020|2020-10-31|EPI_ISL_665458|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-99C6B3/2020|2020-08-30|EPI_ISL_550571|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-ISCI-2014599/2020|2020-08-19|EPI_ISL_691702|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/PORT-2E9F1D/2020|2020-00-00|EPI_ISL_679975|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/EDB2096/2020|2020-04-19|EPI_ISL_433194|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-6680S/2020|2020-05-12|EPI_ISL_639935|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUI-9F5867/2020|2020-09-25|EPI_ISL_588462|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-11330-01/2020|2020-03-07|EPI_ISL_426328|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B1C9CF/2020|2020-11-01|EPI_ISL_645622|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-B1370A/2020|2020-11-02|EPI_ISL_641633|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7428/2020|2020-07-00|EPI_ISL_688530|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-8988/2020|2020-07-02|EPI_ISL_780478|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-909/2020|2020-05-18|EPI_ISL_614472|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ukraine/Kharkiv-879/2020|2020-08-07|EPI_ISL_582511|Original|hCoV-19^^Kharkiv|Human|Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukrain\u0435|Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukrain\u0435|Mironenko|Ukraine

>Spike|hCoV-19/England/ALDP-9C5323/2020|2020-09-10|EPI_ISL_567809|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4987F5/2020|2020-11-26|EPI_ISL_727126|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BB4D54/2020|2020-11-20|EPI_ISL_702514|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B55933/2020|2020-11-05|EPI_ISL_657682|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47DC51/2020|2020-10-13|EPI_ISL_595344|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19310/2020|2020-12-07|EPI_ISL_748875|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUI-BF0B25/2020|2020-12-05|EPI_ISL_709283|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-273/2020|2020-06-06|EPI_ISL_523252|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-1527/2020|2020-06-23|EPI_ISL_683442|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-B964BD/2020|2020-11-14|EPI_ISL_674947|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-8283B/2020|2020-04-13|EPI_ISL_443407|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FBB9E/2020|2020-04-13|EPI_ISL_470039|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NB-226/2020|2020-03-23|EPI_ISL_479642|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/South Africa/LR00066/2020|2020-07-13|EPI_ISL_514378|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/CA-ALSR-4472/2020|2020-10-20|EPI_ISL_649049|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-417/2020|2020-08-10|EPI_ISL_523757|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0030v1/2020|2020-04-03|EPI_ISL_644326|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-16881C/2020|2020-04-21|EPI_ISL_494292|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AA72/2020|2020-12-03|EPI_ISL_727638|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF748/2020|2020-09-21|EPI_ISL_638420|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/20109007304/2020|2020-03-07|EPI_ISL_464527|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BRIS-1854002/2020|2020-04-27|EPI_ISL_492294|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B68557/2020|2020-11-11|EPI_ISL_655070|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3788/2020|2020-06-12|EPI_ISL_543193|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-4285/2020|2020-06-18|EPI_ISL_543496|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036117605/2020|2020-09-24|EPI_ISL_590717|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Northern Ireland/NIRE-103B47/2020|2020-04-16|EPI_ISL_489217|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1345/2020|2020-04-07|EPI_ISL_654926|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-B3632B/2020|2020-11-05|EPI_ISL_645261|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1526/2020|2020-10-22|EPI_ISL_624307|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-380286/2020|2020-11-25|EPI_ISL_721877|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CT-Yale-395/2020|2020-05-05|EPI_ISL_738312|Original|hCoV-19^^Connecticut|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/TX-HMH-7078/2020|2020-06-28|EPI_ISL_546486|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C82B3/2020|2020-11-12|EPI_ISL_680151|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/ALDP-94CA10/2020|2020-06-15|EPI_ISL_556072|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5A30DD/2020|2020-06-14|EPI_ISL_558748|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B823D/2020|2020-10-19|EPI_ISL_638198|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/EXET-13E985/2020|2020-12-12|EPI_ISL_764170|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FC89/2020|2020-10-15|EPI_ISL_607090|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7189/2020|2020-07-00|EPI_ISL_688293|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/KK-NVRL-72IRL21404/2020|2020-08-13|EPI_ISL_528483|Original|hCoV-19^^Kilkenny|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-94E902/2020|2020-06-20|EPI_ISL_555122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC3F98/2020|2020-11-24|EPI_ISL_703801|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15766/2020|2020-11-23|EPI_ISL_714008|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9DE99E/2020|2020-09-21|EPI_ISL_584816|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-1B4671/2020|2020-05-27|EPI_ISL_473479|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/OXON-AD0BA/2020|2020-00-00|EPI_ISL_448560|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4988/2020|2020-06-22|EPI_ISL_544439|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/IN-CDC-2-3713960/2020|2020-12-04|EPI_ISL_751600|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-49887A/2020|2020-11-27|EPI_ISL_727133|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12A9B9/2020|2020-04-30|EPI_ISL_458491|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1FE73/2020|2020-10-01|EPI_ISL_599082|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13342/2020|2020-05-02|EPI_ISL_672440|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0091v1/2020|2020-04-14|EPI_ISL_644333|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/CAMC-B226B0/2020|2020-11-02|EPI_ISL_647183|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/7/2020|2020-01-27|EPI_ISL_410713|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUH-AE5016/2020|2020-10-27|EPI_ISL_633259|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20170037804/2020|2020-04-09|EPI_ISL_465290|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D8A1/2020|2020-10-06|EPI_ISL_586648|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11974A/2020|2020-11-02|EPI_ISL_627304|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LIVE-DC199A/2020|2020-11-19|EPI_ISL_705812|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-6703/2020|2020-07-00|EPI_ISL_687814|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-B6AC7E/2020|2020-11-11|EPI_ISL_655123|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-CMP-30/2020|2020-09-09|EPI_ISL_779705|Original|hCoV-19^^Maharashtra|Human|The Foundation for Medical Research|The Foundation for Medical Research|Mandal|India

>Spike|hCoV-19/Singapore/1069/2020|2020-10-05|EPI_ISL_596459|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/205081168/2020|2020-12-09|EPI_ISL_766292|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-522/2020|2020-09-01|EPI_ISL_577950|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/ON-UHTC_0101/2020|2020-05-10|EPI_ISL_526257|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUH-9F8D38/2020|2020-09-27|EPI_ISL_588898|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-942EB4/2020|2020-07-22|EPI_ISL_556876|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2318/2020|2020-08-10|EPI_ISL_617655|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA0ED1/2020|2020-10-22|EPI_ISL_623920|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002276/2020|2020-07-19|EPI_ISL_515656|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-ALSR-4358/2020|2020-08-04|EPI_ISL_648988|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-7795/2020|2020-07-00|EPI_ISL_686897|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/1079/2020|2020-06-12|EPI_ISL_698153|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/WA-UW-8601/2020|2020-05-06|EPI_ISL_776659|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-9CA731/2020|2020-09-10|EPI_ISL_567471|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-270038/2020|2020-09-02|EPI_ISL_541416|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MD-MDH-0508/2020|2020-11-13|EPI_ISL_778889|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/USA/WI-GMF-21221/2020|2020-09-19|EPI_ISL_660830|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-A79C13/2020|2020-10-15|EPI_ISL_606718|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-IB57/2020|2020-05-13|EPI_ISL_511948|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/Wales/PHWC-2D3D7/2020|2020-04-03|EPI_ISL_445982|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13E9D0/2020|2020-12-12|EPI_ISL_763705|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/204221459/2020|2020-09-19|EPI_ISL_593824|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB80E/2020|2020-04-26|EPI_ISL_444334|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96EDE2/2020|2020-08-19|EPI_ISL_534490|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD95D/2020|2020-10-02|EPI_ISL_587979|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22512/2020|2020-11-17|EPI_ISL_708215|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/France/ARA-120740/2020|2020-12-16|EPI_ISL_779787|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/IN-QDX-964/2020|2020-03-16|EPI_ISL_571720|Original|hCoV-19^^Indiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A5172F/2020|2020-10-07|EPI_ISL_597888|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163820/2020|2020-04-29|EPI_ISL_474002|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005855/2020|2020-03-24|EPI_ISL_537398|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-2828/2020|2020-08-24|EPI_ISL_616654|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1907/2020|2020-10-18|EPI_ISL_613519|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Panama/329862/2020|2020-03-14|EPI_ISL_496651|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-95A61B/2020|2020-06-10|EPI_ISL_554918|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2EFE1/2020|2020-04-04|EPI_ISL_446185|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7256/2020|2020-10-12|EPI_ISL_619232|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B32FD0/2020|2020-11-05|EPI_ISL_659272|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204540536/2020|2020-11-03|EPI_ISL_678651|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-983215/2020|2020-07-21|EPI_ISL_529553|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0FC11/2020|2020-11-02|EPI_ISL_642111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-108DE2/2020|2020-10-12|EPI_ISL_627563|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CF5AB/2020|2020-09-15|EPI_ISL_590023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-71C15/2020|2020-03-31|EPI_ISL_439927|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-164/2020|2020-03-16|EPI_ISL_428260|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/NY-Wadsworth-292840-01/2020|2020-12-28|EPI_ISL_769979|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/NM-DOH-2020315317/2020|2020-08-27|EPI_ISL_574288|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Scotland/QEUIH-AD14A8/2020|2020-10-27|EPI_ISL_649686|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F712/2020|2020-10-06|EPI_ISL_612716|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00237883/2020|2020-03-25|EPI_ISL_536197|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-8960/2020|2020-10-26|EPI_ISL_626189|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6346/2020|2020-06-28|EPI_ISL_547405|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC-BCCDC-6481/2020|2020-10-00|EPI_ISL_740621|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/USA/CT-Yale-480/2020|2020-09-18|EPI_ISL_729765|Original|hCoV-19^^Connecticut|Human|Connecticut Department of Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/QEUIH-BCD24A/2020|2020-11-25|EPI_ISL_704375|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-417/2020|2020-11-09|EPI_ISL_722312|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S1477/2020|2020-05-11|EPI_ISL_495652|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-6494/2020|2020-10-05|EPI_ISL_620394|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-11006/2020|2020-11-14|EPI_ISL_707720|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-9E83FD/2020|2020-09-24|EPI_ISL_638247|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-S7/2020|2020-02-24|EPI_ISL_416462|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/BIRM-67043/2020|2020-10-28|EPI_ISL_651606|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2301/2020|2020-08-10|EPI_ISL_667175|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-A6A9E1/2020|2020-10-08|EPI_ISL_627135|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR3248/2020|2020-04-27|EPI_ISL_449255|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2177/2020|2020-10-28|EPI_ISL_677581|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Australia/VIC14735/2020|2020-08-22|EPI_ISL_592976|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/OR-OHSU-3071/2020|2020-09-30|EPI_ISL_667470|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/England/ALDP-5BA01F/2020|2020-06-15|EPI_ISL_558878|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B8DE7F/2020|2020-11-13|EPI_ISL_674731|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-5420/2020|2020-09-14|EPI_ISL_615352|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/VIC461/2020|2020-03-27|EPI_ISL_426754|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/France/ARA-18783/2020|2020-04-03|EPI_ISL_508974|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Spike|hCoV-19/USA/NY-NYUMC2/2020|2020-03-16|EPI_ISL_416830|Original|hCoV-19^^New York|Human|NYU Langone Health|Department of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/USA/CA-CHLA-PLM28814725/2020|2020-11-15|EPI_ISL_753338|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/England/BRIS-121994/2020|2020-03-15|EPI_ISL_440196|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48E2F1/2020|2020-11-12|EPI_ISL_680839|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-AC9203/2020|2020-10-22|EPI_ISL_629552|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-95069D/2020|2020-06-18|EPI_ISL_555240|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/India/TG-GMC-RK100/2020|2020-03-01|EPI_ISL_431101|Original|hCoV-19^^Telangana|Human|Department of Microbiology, Gandhi Medical College and Hospital|Virus Research Laboratory|Muttineni|India
>Spike|hCoV-19/mink/Netherlands/NB-EMC-63-2/2020|2020-10-06|EPI_ISL_632334|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/MA-MASPHL-00299/2020|2020-04-17|EPI_ISL_791711|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA
>Spike|hCoV-19/USA/TX-HMH-4603/2020|2020-06-21|EPI_ISL_543749|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/SHEF-C3081/2020|2020-06-04|EPI_ISL_484442|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/IA-GMF-20217/2020|2020-09-14|EPI_ISL_547857|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/Cote d'Ivoire/BKE0104/2020|2020-06-08|EPI_ISL_614353|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and

emerging viruses|Project group Epidemiology of Highly Pathogenic
Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire
>Spike|hCoV-19/Denmark/DCGC-1389/2020|2020-05-11|EPI_ISL_622420|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NOTT-10E881/2020|2020-03-25|EPI_ISL_425604|Original|hCoV-
19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/20109005704/2020|2020-03-06|EPI_ISL_464518|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/UT-08352/2020|2020-05-15|EPI_ISL_524137|Original|hCoV-
19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Wales/PHWC-49940C/2020|2020-12-03|EPI_ISL_727302|Original|hCoV-
19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United
Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-10531/2020|2020-07-08|EPI_ISL_789522|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-49D374/2020|2020-12-10|EPI_ISL_742770|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Netherlands/ZuidHolland_178/2020|2020-04-
20|EPI_ISL_461350|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response
team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/MI-QDX-496/2020|2020-03-23|EPI_ISL_571230|Original|hCoV-
19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Denmark/DCGC-16992/2020|2020-12-14|EPI_ISL_750696|Original|hCoV-
19^^Midtjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-47F25D/2020|2020-10-05|EPI_ISL_612650|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC20133/2020|2020-03-24|EPI_ISL_436851|Original|hCoV-
19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan
Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/MILK-ACEA42/2020|2020-10-22|EPI_ISL_629749|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B8DF9A/2020|2020-11-13|EPI_ISL_674597|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A2F5C6/2020|2020-10-05|EPI_ISL_587086|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14768/2020|2020-11-23|EPI_ISL_711965|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/205260459/2020|2020-12-20|EPI_ISL_754382|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK)
Consortium|Platt|United Kingdom
>Spike|hCoV-19/Australia/VIC5545/2020|2020-07-20|EPI_ISL_518374|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Spain/AN-IBV-001161/2020|2020-03-25|EPI_ISL_452575|Original|hCoV-
19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica.
UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN
consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/England/ALDP-9CD75C/2020|2020-09-15|EPI_ISL_566280|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00242662/2020|2020-03-29|EPI_ISL_536331|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/NORT-29498C/2020|2020-03-27|EPI_ISL_490459|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-A223D8/2020|2020-10-01|EPI_ISL_587366|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/10375/2020|2020-05-22|EPI_ISL_527499|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Netherlands/NA_539/2020|2020-00-00|EPI_ISL_460712|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-Wadsworth-10131-01/2020|2020-02-29|EPI_ISL_525575|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/CAMB-1BAC00/2020|2020-11-12|EPI_ISL_664786|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00684/2020|2020-04-15|EPI_ISL_692962|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/GSTT-265D6F7/2020|2020-03-24|EPI_ISL_484001|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D028/2020|2020-10-09|EPI_ISL_586087|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002573/2020|2020-07-29|EPI_ISL_535439|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B5182B/2020|2020-11-08|EPI_ISL_658186|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-83/2020|2020-03-23|EPI_ISL_751392|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/USA/AZ-TG366706/2020|2020-06-01|EPI_ISL_694470|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-483D37/2020|2020-10-21|EPI_ISL_627924|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB4457/2020|2020-05-05|EPI_ISL_461713|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Iran/K1r-135/2020|2020-05-27|EPI_ISL_568507|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/Scotland/CVR213/2020|2020-03-19|EPI_ISL_425742|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006263/2020|2020-04-20|EPI_ISL_537635|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMB-1AE8A1/2020|2020-04-30|EPI_ISL_524574|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1595/2020|2020-05-13|EPI_ISL_530191|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-5540/2020|2020-09-28|EPI_ISL_620865|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW141/2020|2020-03-11|EPI_ISL_416679|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR3940/2020|2020-07-03|EPI_ISL_490704|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-9B9E12/2020|2020-09-07|EPI_ISL_549692|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0B52/2020|2020-10-22|EPI_ISL_625071|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1419064/2020|2020-11-03|EPI_ISL_739933|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-16E078/2020|2020-09-30|EPI_ISL_585661|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Chile/RM-157312/2020|2020-08-21|EPI_ISL_746494|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Italy/APU-PODV-15711018/2020|2020-04-19|EPI_ISL_788964|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/England/ALDP-94DF10/2020|2020-06-17|EPI_ISL_555255|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A540/2020|2020-09-06|EPI_ISL_540903|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6596/2020|2020-06-24|EPI_ISL_546114|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4917/2020|2020-08-00|EPI_ISL_690037|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS9838378/2020|2020-11-04|EPI_ISL_744997|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/HI-H200131/2020|2020-07-06|EPI_ISL_752694|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/20172048804/2020|2020-04-17|EPI_ISL_465354|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11958/2020|2020-09-21|EPI_ISL_671231|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/VD-ETHZ-100168/2020|2020-03-16|EPI_ISL_574979|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MN-CDC-6302/2020|2020-05-08|EPI_ISL_527697|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-AC787C/2020|2020-10-21|EPI_ISL_634439|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124CF2/2020|2020-03-26|EPI_ISL_443939|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2975/2020|2020-09-02|EPI_ISL_635765|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/HI-H200539/2020|2020-11-05|EPI_ISL_753070|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/TX-HMH-3660/2020|2020-06-15|EPI_ISL_543104|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-DA069/2020|2020-11-07|EPI_ISL_665669|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-30B24/2020|2020-04-10|EPI_ISL_446323|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6F73/2020|2020-09-24|EPI_ISL_580374|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BCB75C/2020|2020-11-27|EPI_ISL_704665|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBE21F/2020|2020-11-22|EPI_ISL_702798|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A06FD/2020|2020-12-08|EPI_ISL_743484|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-01028/2020|2020-11-15|EPI_ISL_692783|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/EXET-1386EE/2020|2020-10-15|EPI_ISL_627425|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4187/2020|2020-08-21|EPI_ISL_648873|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A9559E/2020|2020-10-20|EPI_ISL_624695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW712/2020|2020-07-26|EPI_ISL_513355|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-496645/2020|2020-11-19|EPI_ISL_726613|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7DB1C/2020|2020-04-07|EPI_ISL_441767|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-A3EFD5/2020|2020-10-06|EPI_ISL_609780|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205121231/2020|2020-00-00|EPI_ISL_766356|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/MA-MGH-00425/2020|2020-03-07|EPI_ISL_460313|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/QEUH-54C6C5/2020|2020-05-12|EPI_ISL_532224|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31F72/2020|2020-04-14|EPI_ISL_446591|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-952358/2020|2020-06-09|EPI_ISL_553647|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16711/2020|2020-10-19|EPI_ISL_714423|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-23472A/2020|2020-10-14|EPI_ISL_680429|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Australia/VIC9188/2020|2020-08-18|EPI_ISL_565431|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-05395/2020|2020-07-10|EPI_ISL_560873|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-CB3589/2020|2020-12-20|EPI_ISL_761240|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8C4D8/2020|2020-11-13|EPI_ISL_674196|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/BT-MRINUPH-200620-312/2020|2020-06-17|EPI_ISL_779393|Original|hCoV-19^^Banten|Human|Siloam Hospital Lippo Village|Mochtar Riady Institute for Nanotechnology-Universitas Pelita Harapan|Suriapranata|Indonesia

>Spike|hCoV-19/England/CAMB-1AC5E8/2020|2020-04-23|EPI_ISL_489432|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-995D0/2020|2020-04-08|EPI_ISL_439739|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-DCBA51/2020|2020-11-25|EPI_ISL_724448|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-95134A/2020|2020-06-13|EPI_ISL_554203|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1857/2020|2020-03-30|EPI_ISL_456285|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Japan/PG-5277/2020|2020-08-00|EPI_ISL_690380|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW1281/2020|2020-12-17|EPI_ISL_745096|Original|hCoV-19^^New South Wales|Human|Pathology North - Hunter - NSW Health Pathology|CIDM-PH|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19441/2020|2020-11-30|EPI_ISL_783841|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/AQ-ALSR-5277/2020|2020-10-05|EPI_ISL_730515|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/BRIS-12CB1B/2020|2020-04-18|EPI_ISL_481842|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC302a/2020|2020-06-15|EPI_ISL_495048|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/NOTT-1109C5/2020|2020-04-30|EPI_ISL_441882|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20197/2020|2020-11-29|EPI_ISL_723351|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Spain/RI-IBV-99010993/2020|2020-11-06|EPI_ISL_732816|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1BBE63/2020|2020-11-14|EPI_ISL_679244|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-C013EC/2020|2020-12-04|EPI_ISL_720704|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW262/2020|2020-03-16|EPI_ISL_418047|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C06DE9/2020|2020-12-06|EPI_ISL_709305|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA421/2020|2020-03-20|EPI_ISL_672633|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/FL-BPHL-1777/2020|2020-07-29|EPI_ISL_613755|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/AK-CDC-2-3714567/2020|2020-11-16|EPI_ISL_751793|Original|hCoV-19^^Alaska|Human|AK State Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-140063/2020|2020-04-30|EPI_ISL_476111|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BL-UHB-42186686/2020|2020-03-11|EPI_ISL_528015|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/PRIN-254BC91/2020|2020-04-29|EPI_ISL_509436|Original|hCoV-19^^England|Human|The Princess Alexandra Hospital|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20114052703/2020|2020-03-11|EPI_ISL_420458|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/472cul/2020|2020-06-03|EPI_ISL_574492|VeroE6 P1|hCoV-19^^Singapore|Human|Programme in Emerging Infectious Diseases|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/LIVE-DC4D40/2020|2020-11-12|EPI_ISL_703992|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8200/2020|2020-07-07|EPI_ISL_784259|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-99CEAC/2020|2020-08-31|EPI_ISL_549899|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12F134/2020|2020-04-13|EPI_ISL_488385|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4968/2020|2020-10-26|EPI_ISL_635084|Original|hCoV-19^^Vestlandet|Human|Haukeland University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/United Arab Emirates/0695/2020|2020-05-15|EPI_ISL_698846|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Germany/SH-ChVir8607/2020|2020-08-24|EPI_ISL_729594|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/NORW-F205C/2020|2020-10-19|EPI_ISL_627024|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20886/2020|2020-05-18|EPI_ISL_471907|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Uganda/UG035/2020|2020-03-27|EPI_ISL_737955|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/Switzerland/VD-ETHZ-100845/2020|2020-03-25|EPI_ISL_451792|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Germany/HH-hpi-p2496/2020|2020-06-26|EPI_ISL_776546|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/QEUH-AD53B6/2020|2020-10-26|EPI_ISL_634580|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20130065604/2020|2020-03-21|EPI_ISL_423655|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3522/2020|2020-08-31|EPI_ISL_616313|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012337841/2020|2020-08-10|EPI_ISL_745892|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/NSW217/2020|2020-03-02|EPI_ISL_427644|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Singapore/49/2020|2020-03-08|EPI_ISL_428828|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-1341/2020|2020-04-14|EPI_ISL_542659|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-B01A2/2020|2020-00-00|EPI_ISL_478862|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2720/2020|2020-06-06|EPI_ISL_545503|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1588/2020|2020-04-13|EPI_ISL_618632|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0475/2020|2020-07-06|EPI_ISL_495558|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-MCoV-10649/2020|2020-07-08|EPI_ISL_789575|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16A971/2020|2020-09-09|EPI_ISL_560131|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB3588/2020|2020-04-27|EPI_ISL_439294|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/IC-0081/2020|2020-07-00|EPI_ISL_591423|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AS-IBV-98006597/2020|2020-03-12|EPI_ISL_654641|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-B0CC50/2020|2020-10-30|EPI_ISL_643511|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0320861/2020|2020-03-20|EPI_ISL_734511|Original|hCoV-19^^Genval|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/South Africa/R10852/2020|2020-06-17|EPI_ISL_490310|Original|hCoV-19^^Free State|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/India/KA-IB51/2020|2020-06-19|EPI_ISL_508329|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/20194103201/2020|2020-05-05|EPI_ISL_465613|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-10C6610/2020|2020-12-06|EPI_ISL_702487|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002386/2020|2020-07-21|EPI_ISL_515752|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-S-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Poland/PL_P1/2020|2020-03-03|EPI_ISL_416488|Vero E6|hCoV-19^^Zielonogorskie|Human|ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics Research Group Department of Virology|ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics Research Group Department of Virology||Poland

>Spike|hCoV-19/England/QEUA-9C8584/2020|2020-09-11|EPI_ISL_567070|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B670/2020|2020-10-31|EPI_ISL_665576|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-12624ED/2020|2020-09-27|EPI_ISL_594861|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A219AA/2020|2020-10-01|EPI_ISL_598852|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD683/2020|2020-10-01|EPI_ISL_588049|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53293/2020|2020-10-27|EPI_ISL_648166|Original|hCoV-19^^Sweden|Human|Eskilstuna|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/France/ARA-100617/2020|2020-11-03|EPI_ISL_683334|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/CVR3174/2020|2020-04-26|EPI_ISL_449202|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-AA02D5/2020|2020-10-20|EPI_ISL_611314|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8EA2F/2020|2020-11-13|EPI_ISL_674766|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-250070/2020|2020-08-18|EPI_ISL_535595|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-AA1447/2020|2020-10-22|EPI_ISL_623899|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001081/2020|2020-10-18|EPI_ISL_633082|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Canada/BC_04806819/2020|2020-05-00|EPI_ISL_477056|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/ALDP-B5C705/2020|2020-11-09|EPI_ISL_655640|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-24556/2020|2020-08-17|EPI_ISL_576485|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16230/2020|2020-10-30|EPI_ISL_785914|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B97A6/2020|2020-11-04|EPI_ISL_664577|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/India/WB-IK7/2020|2020-04-03|EPI_ISL_508394|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/MILK-ACFA32/2020|2020-10-22|EPI_ISL_629658|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG323186/2020|2020-05-21|EPI_ISL_694339|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-994/2020|2020-04-07|EPI_ISL_545951|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20678/2020|2020-12-07|EPI_ISL_790747|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-18645/2020|2020-12-07|EPI_ISL_749508|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-A1ED95/2020|2020-09-29|EPI_ISL_587492|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7309/2020|2020-00-00|EPI_ISL_740676|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/CAMC-B789FE/2020|2020-11-12|EPI_ISL_668041|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C3317E/2020|2020-12-11|EPI_ISL_733951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A69223/2020|2020-10-10|EPI_ISL_608922|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K005313/2020|2020-10-29|EPI_ISL_678606|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Singapore/1161/2020|2020-04-03|EPI_ISL_648088|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/MI-MDHHS-SC20150/2020|2020-03-13|EPI_ISL_436813|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC5839/2020|2020-07-21|EPI_ISL_518633|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-7670/2020|2020-08-00|EPI_ISL_686772|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-2890/2020|2020-09-04|EPI_ISL_667391|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-1633/2020|2020-04-06|EPI_ISL_619185|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-WSLH-200184/2020|2020-04-06|EPI_ISL_578409|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMC-A584F4/2020|2020-10-06|EPI_ISL_597135|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3003/2020|2020-04-00|EPI_ISL_691127|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1873/2020|2020-07-13|EPI_ISL_622599|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC160/2020|2020-03-18|EPI_ISL_419857|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Russia/StPetersburg-RII8417S/2020|2020-04-22|EPI_ISL_450283|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-A501F5/2020|2020-10-07|EPI_ISL_597862|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/18SS6E7/2020|2020-09-18|EPI_ISL_756291|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/SC-20-0946-T14/2020|2020-06-24|EPI_ISL_516751|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20018/2020|2020-11-21|EPI_ISL_723217|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-20244/2020|2020-11-30|EPI_ISL_747539|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/Khabarovsk-71403/2020|2020-03-19|EPI_ISL_428880|Vero|hCoV-19^^Khabarovsk|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Denmark/DCGC-761/2020|2020-03-09|EPI_ISL_614752|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8F262/2020|2020-11-13|EPI_ISL_675331|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW645/2020|2020-07-12|EPI_ISL_498764|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital -

NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/WA-UW-7776/2020|2020-04-19|EPI_ISL_570193|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/CAMC-CB8B82/2020|2020-12-19|EPI_ISL_778134|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-12C498/2020|2020-05-12|EPI_ISL_469493|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-1661E6/2020|2020-06-13|EPI_ISL_490849|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Chile/RM-112467/2020|2020-06-28|EPI_ISL_746585|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spike|hCoV-19/Spain/IB-IBV-99011588/2020|2020-12-08|EPI_ISL_779862|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/Sweden/20-08106/2020|2020-03-10|EPI_ISL_454477|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/Wales/PHWC-16BA04/2020|2020-09-14|EPI_ISL_573929|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/EDB10517/2020|2020-11-29|EPI_ISL_705775|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/England/MILK-BB0365/2020|2020-11-17|EPI_ISL_720347|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NM-DOH-2020313085/2020|2020-08-26|EPI_ISL_574262|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19/England/204561386/2020|2020-11-04|EPI_ISL_678684|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Poland/PL_P45/2020|2020-04-13|EPI_ISL_492070|Original|hCoV-19^^Mazowieckie|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland
>Spike|hCoV-19/USA/HI-H200680/2020|2020-12-01|EPI_ISL_753203|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/South Africa/KRISP-K002579/2020|2020-07-29|EPI_ISL_535444|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/South Africa/KRISP-K004555/2020|2020-10-19|EPI_ISL_660252|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/USA/CA-ALSR-1309/2020|2020-05-11|EPI_ISL_494488|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/ALDP-B63AD5/2020|2020-11-09|EPI_ISL_656521|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NSW1130/2020|2020-09-05|EPI_ISL_593743|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/England/20140003204/2020|2020-03-28|EPI_ISL_465870|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC760/2020|2020-03-29|EPI_ISL_427036|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMB-75E2A/2020|2020-03-29|EPI_ISL_438344|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F1A8/2020|2020-11-09|EPI_ISL_681054|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9D089F/2020|2020-09-16|EPI_ISL_589873|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22100/2020|2020-12-14|EPI_ISL_757818|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC2CFA/2020|2020-11-25|EPI_ISL_705845|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LOND-D3947/2020|2020-04-03|EPI_ISL_441011|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-08764/2020|2020-08-13|EPI_ISL_525350|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-C063D8/2020|2020-12-06|EPI_ISL_709499|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B2E12/2020|2020-03-31|EPI_ISL_534817|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24B32/2020|2020-03-20|EPI_ISL_419487|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-01694/2020|2020-04-13|EPI_ISL_454715|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC11645/2020|2020-08-14|EPI_ISL_641029|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18879/2020|2020-11-23|EPI_ISL_785192|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-961A15/2020|2020-08-03|EPI_ISL_537010|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TN-NCDC-02332/2020|2020-03-29|EPI_ISL_435096|Original|hCoV-19^^Tamil Nadu|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Sweden/20-50181/2020|2020-03-08|EPI_ISL_429154|Original|hCoV-19^^Varmland|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-IGI-0639/2020|2020-08-03|EPI_ISL_677855|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Hong Kong/VM20118387/2020|2020-09-05|EPI_ISL_730582|Original|hCoV-19^^Hong Kong|Human|Hong Kong Adventist Hospital \u2013 Tsuen Wan|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/CAMB-79679/2020|2020-04-03|EPI_ISL_441815|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036847408/2020|2020-11-09|EPI_ISL_728451|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-12719/2020|2020-11-16|EPI_ISL_682900|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-98F9F6/2020|2020-08-26|EPI_ISL_540029|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1845/2020|2020-09-29|EPI_ISL_602980|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC511/2020|2020-03-23|EPI_ISL_426781|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BE8F42/2020|2020-12-03|EPI_ISL_708924|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-961BF4/2020|2020-08-02|EPI_ISL_537143|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28943E/2020|2020-03-29|EPI_ISL_458595|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000969/2020|2020-08-25|EPI_ISL_633000|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Poland/Slas2/2020|2020-05-05|EPI_ISL_451656|Original|hCoV-19^^Slask|Human|State Sanitary Inspectorate|Laboratory of Recombinant Vaccines|Rabalski|Poland

>Spike|hCoV-19/England/LEED-2A8AA0/2020|2020-04-02|EPI_ISL_539021|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50371/2020|2020-03-16|EPI_ISL_475138|Original|hCoV-19^^Kalmar|Human|Kalmar klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/MI-MDHHS-SC20983/2020|2020-05-27|EPI_ISL_507770|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB1580/2020|2020-04-13|EPI_ISL_433085|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Latvia/015/2020|2020-03-23|EPI_ISL_437094|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrel\u0113vs|Latvia

>Spike|hCoV-19/England/CAMC-CFC33F/2020|2020-12-21|EPI_ISL_781688|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B046E1/2020|2020-10-24|EPI_ISL_652166|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Belgium/CGP-0325334/2020|2020-03-25|EPI_ISL_462188|Original|hCoV-19^^Bottelare|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-13487/2020|2020-08-21|EPI_ISL_788616|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9B5A1/2020|2020-04-02|EPI_ISL_449465|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1834/2020|2020-03-22|EPI_ISL_776187|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUA-CC301C/2020|2020-12-21|EPI_ISL_778058|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5544/2020|2020-10-26|EPI_ISL_651533|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2064/2020|2020-07-13|EPI_ISL_618308|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/GE-EMC-356/2020|2020-10-21|EPI_ISL_722522|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-C88426/2020|2020-12-17|EPI_ISL_762562|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EE53/2020|2020-10-05|EPI_ISL_587115|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B04C85/2020|2020-10-23|EPI_ISL_651036|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1290/2020|2020-03-21|EPI_ISL_456212|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Japan/PG-6012/2020|2020-07-00|EPI_ISL_689125|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9570B6/2020|2020-06-12|EPI_ISL_554294|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A4C9F4/2020|2020-10-05|EPI_ISL_628586|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0BB5/2020|2020-11-22|EPI_ISL_705107|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2305/2020|2020-03-30|EPI_ISL_485982|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-2CA88/2020|2020-04-01|EPI_ISL_445942|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB7746/2020|2020-09-09|EPI_ISL_540885|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04311_2/2020|2020-05-15|EPI_ISL_591302|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-A64853/2020|2020-10-10|EPI_ISL_608908|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2BF52/2020|2020-11-04|EPI_ISL_680040|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489065/2020|2020-11-02|EPI_ISL_639530|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-12D4CFD/2020|2020-10-09|EPI_ISL_679570|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/mink/Denmark/AL25-Farm1/2020|2020-06-14|EPI_ISL_626347|Original|hCoV-19^^Denmark|Neovison vison|Statens Serum Institute|Statens Serum Institute|Rasmussen|Denmark

>Spike|hCoV-19/USA/WA-S2262/2020|2020-06-10|EPI_ISL_497690|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-9D4E5D/2020|2020-09-19|EPI_ISL_601699|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-M00026/2020|2020-08-02|EPI_ISL_547676|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-A7D013/2020|2020-10-13|EPI_ISL_606485|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B7C1/2020|2020-09-14|EPI_ISL_573903|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW1027/2020|2020-03-15|EPI_ISL_593756|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/GCVR-16FBF/2020|2020-03-21|EPI_ISL_489603|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201229777/2020|2020-11-27|EPI_ISL_746940|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/204561543/2020|2020-11-05|EPI_ISL_678691|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B8D158/2020|2020-11-13|EPI_ISL_674047|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1854239/2020|2020-04-28|EPI_ISL_492385|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B31AA3/2020|2020-11-04|EPI_ISL_646220|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Argentina/Heritas-HG023/2020|2020-05-26|EPI_ISL_615121|Original|hCoV-19^^Ciudad Autonoma de Buenos Aires|Human|Hospital de Pediatr\u00eda \Prof. Dr. Juan P Garrahan|Heritas|Pereyra|Argentina

>Spike|hCoV-19/Japan/PG-4059/2020|2020-07-00|EPI_ISL_692300|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MASPHL-00866/2020|2020-05-18|EPI_ISL_692859|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/NM-DOH-2020317191/2020|2020-08-26|EPI_ISL_732726|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/OXON-AF513/2020|2020-04-13|EPI_ISL_478747|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-98F7B0/2020|2020-08-27|EPI_ISL_540081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B68A76/2020|2020-11-11|EPI_ISL_654964|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB68C9/2020|2020-12-17|EPI_ISL_761122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-292/2020|2020-08-24|EPI_ISL_577841|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/PAC-IHU-1519/2020|2020-08-12|EPI_ISL_569185|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/204590468/2020|2020-11-06|EPI_ISL_686556|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB6261/2020|2020-06-02|EPI_ISL_478242|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Ireland/MN-NVRL-73IRL72912/2020|2020-09-14|EPI_ISL_639831|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/EDB1610/2020|2020-04-14|EPI_ISL_433090|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3033/2020|2020-08-28|EPI_ISL_635802|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-400095/2020|2020-12-07|EPI_ISL_729140|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B1BC12/2020|2020-11-01|EPI_ISL_645726|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20526/2020|2020-05-15|EPI_ISL_460574|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-21562/2020|2020-12-21|EPI_ISL_758237|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-4095/2020|2020-08-14|EPI_ISL_548646|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-1718/2020|2020-03-30|EPI_ISL_615577|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-10FE8E/2020|2020-04-09|EPI_ISL_441452|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1839/2020|2020-03-22|EPI_ISL_776192|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/ALDP-BCA7C6/2020|2020-11-23|EPI_ISL_710750|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-89C0D4/2020|2020-07-28|EPI_ISL_532811|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4031/2020|2020-07-11|EPI_ISL_519416|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-A00B8D/2020|2020-10-02|EPI_ISL_585554|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUH-B2D66A/2020|2020-11-04|EPI_ISL_660049|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_26/2020|2020-04-26|EPI_ISL_460926|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC12966/2020|2020-07-29|EPI_ISL_563613|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B2DFAB/2020|2020-11-04|EPI_ISL_659956|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4631/2020|2020-07-00|EPI_ISL_689768|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUH-9B9DCA/2020|2020-09-07|EPI_ISL_568264|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-1081/2020|2020-07-06|EPI_ISL_541665|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/England/LEED-2A8642/2020|2020-03-26|EPI_ISL_539089|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-951DE2/2020|2020-06-10|EPI_ISL_551291|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AABCFA/2020|2020-10-21|EPI_ISL_652824|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1655/2020|2020-08-29|EPI_ISL_644828|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/20106145903/2020|2020-03-03|EPI_ISL_417246|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/QLD1248/2020|2020-03-22|EPI_ISL_693252|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/AZ-TG408168/2020|2020-06-16|EPI_ISL_694919|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-11586/2020|2020-11-02|EPI_ISL_670692|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036690355/2020|2020-10-29|EPI_ISL_682130|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-A68075/2020|2020-10-10|EPI_ISL_608994|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA104/2020|2020-11-23|EPI_ISL_703386|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/20A49S7/2020|2020-04-20|EPI_ISL_481600|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/201380063/2020|2020-03-25|EPI_ISL_421815|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/PE-IAM1447/2020|2020-05-13|EPI_ISL_572394|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Scotland/EDB5731/2020|2020-04-09|EPI_ISL_473848|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10810/2020|2020-07-06|EPI_ISL_583063|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/EDB6890/2020|2020-04-30|EPI_ISL_559976|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-3068/2020|2020-04-00|EPI_ISL_691191|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1AC0AB/2020|2020-04-28|EPI_ISL_444368|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Malaysia/IMR-CV140338/2020|2020-09-01|EPI_ISL_718305|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Netherlands/NA_23/2020|2020-03-09|EPI_ISL_415480|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-A5E17F/2020|2020-10-12|EPI_ISL_597486|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E9085/2020|2020-04-25|EPI_ISL_453580|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-96AAFE/2020|2020-08-17|EPI_ISL_531239|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001548/2020|2020-12-02|EPI_ISL_745463|Original|hCoV-19^^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-5566/2020|2020-09-28|EPI_ISL_620891|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-2085/2020|2020-04-10|EPI_ISL_468876|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-9612D1/2020|2020-08-03|EPI_ISL_532089|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F035/2020|2020-10-14|EPI_ISL_612619|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/WA204/2020|2020-03-25|EPI_ISL_596767|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/MA-MGH-02757/2020|2020-09-23|EPI_ISL_765619|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-9C5F6B/2020|2020-09-10|EPI_ISL_567770|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uruguay/TYT-M64/2020|2020-06-21|EPI_ISL_749155|Original|hCoV-19^^Treinta y Tres|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/Hong Kong/VM20060398/2020|2020-07-19|EPI_ISL_539811|Original|hCoV-19^^Hong Kong|Human|Asiaworld Expo Command Post|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/USA/MI-QDX-1143/2020|2020-03-23|EPI_ISL_571873|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-7706E/2020|2020-03-31|EPI_ISL_425456|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10231/2020|2020-05-16|EPI_ISL_498137|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Japan/PG-6937/2020|2020-09-00|EPI_ISL_688043|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-4320/2020|2020-10-02|EPI_ISL_648969|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUEH-96E580/2020|2020-08-19|EPI_ISL_530533|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CFA1/2020|2020-10-14|EPI_ISL_608270|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CEE40/2020|2020-09-28|EPI_ISL_585070|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2000/2020|2020-03-21|EPI_ISL_653153|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-5133/2020|2020-09-21|EPI_ISL_621671|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SZ-ETHZ-280242/2020|2020-09-10|EPI_ISL_560482|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/VA-DCLS-1490/2020|2020-07-28|EPI_ISL_581564|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-8307E/2020|2020-04-14|EPI_ISL_443522|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006150/2020|2020-04-05|EPI_ISL_537297|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Canada/BC_13871523/2020|2020-03-00|EPI_ISL_460608|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Scotland/EDB1156/2020|2020-04-07|EPI_ISL_456891|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/AZ-TG408200/2020|2020-06-17|EPI_ISL_694938|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Austria/CeMM0916/2020|2020-03-16|EPI_ISL_583768|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Spain/CT-IBV-97007954/2020|2020-10-07|EPI_ISL_654517|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Estonia/ChVir4266/2020|2020-03-00|EPI_ISL_457722|Original|hCoV-19^^Estonia|Human|SYNLAB Eesti OU\u0038|Charite Universit\u00e4tsmedizin Berlin|Muehlemann|Estonia

>Spike|hCoV-19/USA/CA-QDX-1247/2020|2020-03-16|EPI_ISL_571920|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-350001/2020|2020-11-03|EPI_ISL_693776|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/738/2020|2020-07-06|EPI_ISL_500558|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/ALDP-B743A9/2020|2020-11-12|EPI_ISL_661983|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL651/2020|2020-08-06|EPI_ISL_579055|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WI-UW-1875/2020|2020-09-11|EPI_ISL_605747|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-BC7C24/2020|2020-11-23|EPI_ISL_721446|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-006380/2020|2020-04-02|EPI_ISL_510111|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUA-A2199B/2020|2020-10-01|EPI_ISL_598859|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BC3AA6/2020|2020-11-25|EPI_ISL_704074|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4208/2020|2020-08-11|EPI_ISL_648887|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-9E9C1F/2020|2020-09-23|EPI_ISL_580060|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9DA69B/2020|2020-09-21|EPI_ISL_601253|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20523/2020|2020-12-03|EPI_ISL_728738|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-B3CD90/2020|2020-11-01|EPI_ISL_706198|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-2868/2020|2020-04-00|EPI_ISL_690994|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-644F1C/2020|2020-07-04|EPI_ISL_558173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B143AB/2020|2020-11-03|EPI_ISL_642646|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2C908/2020|2020-11-03|EPI_ISL_646657|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204441570/2020|2020-10-00|EPI_ISL_622893|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2725/2020|2020-06-05|EPI_ISL_545508|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000670/2020|2020-03-18|EPI_ISL_632088|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Sweden/20-07856/2020|2020-04-23|EPI_ISL_452237|Original|hCoV-19^^Stockholm|Human|Huddinge VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-16D185/2020|2020-09-26|EPI_ISL_627731|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3675/2020|2020-04-00|EPI_ISL_691928|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-PROV-020/2020|2020-03-26|EPI_ISL_482306|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Denmark/DCGC-3931/2020|2020-09-14|EPI_ISL_615842|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-B3185E/2020|2020-11-04|EPI_ISL_676427|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB4E60/2020|2020-11-20|EPI_ISL_702392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C26D2/2020|2020-09-10|EPI_ISL_566439|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR6097/2020|2020-11-26|EPI_ISL_703924|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1035/2020|2020-07-17|EPI_ISL_582397|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/WA-S775/2020|2020-04-14|EPI_ISL_449945|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUA-9FAD36/2020|2020-09-28|EPI_ISL_588259|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C5860B/2020|2020-12-14|EPI_ISL_736008|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D7D7B/2020|2020-09-18|EPI_ISL_576628|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20850/2020|2020-12-21|EPI_ISL_790905|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-QDX-795/2020|2020-03-21|EPI_ISL_571489|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MA-MASPHL-00649/2020|2020-05-14|EPI_ISL_692983|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/South Africa/KRISP-0584/2020|2020-07-07|EPI_ISL_498122|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Colombia/VAC-GVI-97212/2020|2020-04-04|EPI_ISL_447795|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9rez|Colombia

>Spike|hCoV-19/England/QEUA-961C5B/2020|2020-08-01|EPI_ISL_537031|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21685/2020|2020-07-08|EPI_ISL_516412|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42203098/2020|2020-03-23|EPI_ISL_528343|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUA-AD3910/2020|2020-10-25|EPI_ISL_633898|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/NLE-UANL-035/2020|2020-11-16|EPI_ISL_779196|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio Estatal de Salud P\u00fablica de Nuevo Le\u00f3n|Laboratorio de Infectolog\u00eda Molecular|Gal\u00e9n|Mexico

>Spike|hCoV-19/South Korea/KCDC2214/2020|2020-05-08|EPI_ISL_510552|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUA-A5DFD0/2020|2020-10-12|EPI_ISL_597276|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7835/2020|2020-07-28|EPI_ISL_564688|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B32592/2020|2020-11-05|EPI_ISL_659286|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC217/2020|2020-04-03|EPI_ISL_427512|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/QEUA-9D1C47/2020|2020-09-16|EPI_ISL_572684|Original|hCoV-19^^Scotland|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH071/2020|2020-07-01|EPI_ISL_754969|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Denmark/DCGC-10575/2020|2020-11-02|EPI_ISL_670062|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BE-ChVir-W2202-4448/2020|2020-11-21|EPI_ISL_753828|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-CZB-1984/2020|2020-05-07|EPI_ISL_486251|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Brazil/RJ-00485/2020|2020-10-26|EPI_ISL_717879|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-8E1DCA/2020|2020-06-25|EPI_ISL_557156|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH017/2020|2020-02-27|EPI_ISL_515910|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/NM-UNM-00792/2020|2020-05-05|EPI_ISL_610258|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/CAMC-B51FDB/2020|2020-11-08|EPI_ISL_657953|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B69BDC/2020|2020-11-11|EPI_ISL_655155|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00218559/2020|2020-03-14|EPI_ISL_535785|Original|hCoV-19^^Quebec|Human|CHUL-LABO MULTI / MICRO|Laboratoire de sant e publique du Qu bec|Moreira|Canada

>Spike|hCoV-19/South Korea/KDCA0050/2020|2020-09-15|EPI_ISL_747291|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Australia/VIC14746/2020|2020-08-19|EPI_ISL_592982|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-6460/2020|2020-10-12|EPI_ISL_620360|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A3F3E7/2020|2020-10-06|EPI_ISL_609761|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP00079/2020|2020-03-17|EPI_ISL_438236|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Mehoke|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-761/2020|2020-10-01|EPI_ISL_632598|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-SCCPHD-UC200/2020|2020-03-10|EPI_ISL_671768|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/Canada/ON-S38/2020|2020-03-17|EPI_ISL_591138|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/CVR1644/2020|2020-04-06|EPI_ISL_433641|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B35492/2020|2020-11-05|EPI_ISL_659530|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B878C2/2020|2020-11-13|EPI_ISL_724811|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/DL-NCDC6082-CSIR-IGIB/2020|2020-05-25|EPI_ISL_482616|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Spain/PV-IBV-000778/2020|2020-03-09|EPI_ISL_452727|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/DRC/2942/2020|2020-04-17|EPI_ISL_437355|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/Japan/PG-6290/2020|2020-07-00|EPI_ISL_689401|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-AD1FD4/2020|2020-10-26|EPI_ISL_634160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4039/2020|2020-07-11|EPI_ISL_519422|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B7750A/2020|2020-11-12|EPI_ISL_783418|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/NF-10/2020|2020-04-00|EPI_ISL_591480|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CHLA-PLM50317441/2020|2020-11-28|EPI_ISL_753529|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-9DA455/2020|2020-09-18|EPI_ISL_576874|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-S1989/2020|2020-06-04|EPI_ISL_497417|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/NORW-F0883/2020|2020-10-17|EPI_ISL_595194|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5635/2020|2020-09-28|EPI_ISL_619922|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000269/2020|2020-03-17|EPI_ISL_631795|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-AD1D70/2020|2020-10-26|EPI_ISL_629949|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14435/2020|2020-11-30|EPI_ISL_711765|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-15493/2020|2020-09-18|EPI_ISL_739038|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-A7C506/2020|2020-10-15|EPI_ISL_607603|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C0D73/2020|2020-05-01|EPI_ISL_492855|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2358EA/2020|2020-11-10|EPI_ISL_742161|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-BD1F79/2020|2020-11-28|EPI_ISL_702121|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A47EAF/2020|2020-10-06|EPI_ISL_598421|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42179323/2020|2020-03-06|EPI_ISL_527946|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Netherlands/ZH-EMC-974/2020|2020-11-17|EPI_ISL_722364|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/AZ-TG670229/2020|2020-05-01|EPI_ISL_696411|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Brazil/SP-138/2020|2020-04-08|EPI_ISL_468305|Original|hCoV-19^^S\u00e3o Paulo|Human|Centro de Vigilancia a Saude de Diadema|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/India/DL-NCDC3820-CSIR-IGIB/2020|2020-05-20|EPI_ISL_482574|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/Iceland/109/2020|2020-03-11|EPI_ISL_417748|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Australia/VIC1458/2020|2020-04-20|EPI_ISL_456454|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Gibraltar/204462817/2020|2020-10-29|EPI_ISL_614992|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/France/PAC-IHU-0291/2020|2020-03-31|EPI_ISL_569436|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wales/PHWC-32409/2020|2020-04-10|EPI_ISL_446645|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AE523E/2020|2020-10-27|EPI_ISL_633343|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1D7511/2020|2020-09-26|EPI_ISL_584603|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/reg-a-0916972/2020|2020-09-16|EPI_ISL_734962|Original|hCoV-19^^Wezembeek-Oppem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Japan/PG-3440/2020|2020-07-00|EPI_ISL_691550|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14971/2020|2020-11-23|EPI_ISL_713556|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-9315/2020|2020-03-15|EPI_ISL_678494|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUH-9D0D36/2020|2020-09-13|EPI_ISL_589983|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrain/340846472/2020|2020-10-11|EPI_ISL_682314|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Denmark/DCGC-17683/2020|2020-12-14|EPI_ISL_751142|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-168A52/2020|2020-04-20|EPI_ISL_494320|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C211/2020|2020-11-03|EPI_ISL_666407|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI113/2020|2020-03-08|EPI_ISL_429344|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0328/2020|2020-11-24|EPI_ISL_755456|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Belgium/AM-0328342/2020|2020-03-28|EPI_ISL_462196|Original|hCoV-19^^Genk|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Italy/VEN-UniVR-153/2020|2020-04-16|EPI_ISL_751447|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/CAMC-BBCC40/2020|2020-11-22|EPI_ISL_679270|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Chile/RM-170370/2020|2020-09-05|EPI_ISL_746717|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Pública de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/20149035404/2020|2020-04-03|EPI_ISL_466187|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/France/ARA-532/2020|2020-03-04|EPI_ISL_416749|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Valence|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/MILK-B8EE32/2020|2020-11-13|EPI_ISL_675243|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7BB8D/2020|2020-10-15|EPI_ISL_607561|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3377/2020|2020-05-07|EPI_ISL_456806|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/BC_04033837/2020|2020-04-00|EPI_ISL_466762|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/EXET-1390A3/2020|2020-10-28|EPI_ISL_665052|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/EDB6251/2020|2020-05-22|EPI_ISL_473931|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-343/2020|2020-10-20|EPI_ISL_632342|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC22466/2020|2020-11-03|EPI_ISL_708568|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/TX-DSHS-0403/2020|2020-06-01|EPI_ISL_542463|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-C57CDD/2020|2020-12-14|EPI_ISL_735963|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG371281/2020|2020-05-16|EPI_ISL_694540|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-49106A/2020|2020-11-10|EPI_ISL_706604|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2419/2020|2020-03-17|EPI_ISL_604682|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-0941-SAN/2020|2020-03-29|EPI_ISL_483426|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-21071/2020|2020-12-21|EPI_ISL_759536|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-1227D5/2020|2020-04-05|EPI_ISL_440656|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00451/2020|2020-06-01|EPI_ISL_717846|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Japan/PG-5953/2020|2020-00-00|EPI_ISL_689068|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-9432/2020|2020-07-03|EPI_ISL_781120|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-SR0410/2020|2020-04-21|EPI_ISL_458280|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/MH-ACTREC-219/2020|2020-06-29|EPI_ISL_699873|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/CA-ALSR-1332/2020|2020-04-29|EPI_ISL_494496|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/OR-ILSCV20596/2020|2020-05-15|EPI_ISL_463079|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/OR-OHSU-0993/2020|2020-07-07|EPI_ISL_525944|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18519/2020|2020-11-19|EPI_ISL_784867|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-AD1E40/2020|2020-10-27|EPI_ISL_644027|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A94FBF/2020|2020-10-19|EPI_ISL_624718|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-921E33/2020|2020-06-23|EPI_ISL_553298|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GR-RIVM-20421/2020|2020-11-30|EPI_ISL_728641|Original|hCoV-19^^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-9EA67A/2020|2020-09-24|EPI_ISL_580119|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168050/2020|2020-04-19|EPI_ISL_494193|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D08F/2020|2020-10-14|EPI_ISL_608054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2691/2020|2020-06-22|EPI_ISL_497323|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUA-9F5375/2020|2020-09-25|EPI_ISL_638667|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-31218/2020|2020-10-13|EPI_ISL_735462|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-14512/2020|2020-11-11|EPI_ISL_739451|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000023/2020|2020-03-10|EPI_ISL_631519|Original|hCoV-19^^New York|Human|New York Presbyterian-Brooklyn Methodist Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-9A5602/2020|2020-09-03|EPI_ISL_550095|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1087/2020|2020-06-18|EPI_ISL_528679|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/UT-UPHL-201026758/2020|2020-07-06|EPI_ISL_594044|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4A1304/2020|2020-12-09|EPI_ISL_743654|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5068/2020|2020-09-10|EPI_ISL_567855|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B80A78/2020|2020-11-14|EPI_ISL_661847|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0409682/2020|2020-04-09|EPI_ISL_738208|Original|hCoV-19^^Sint-Niklaas|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-15576/2020|2020-10-26|EPI_ISL_787060|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7286/2020|2020-08-00|EPI_ISL_688389|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/OY-NVRL-76IRL27010/2020|2020-10-18|EPI_ISL_732523|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-CZB-14430/2020|2020-11-04|EPI_ISL_738802|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Iran/SA-Isf-2/2020|2020-04-18|EPI_ISL_660111|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/England/QEUA-96A205/2020|2020-08-15|EPI_ISL_536958|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20172002704/2020|2020-04-18|EPI_ISL_465322|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/NA_69/2020|2020-03-09|EPI_ISL_422829|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-2763/2020|2020-06-03|EPI_ISL_545537|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-76CAB2/2020|2020-07-14|EPI_ISL_533204|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B139F5/2020|2020-11-02|EPI_ISL_641826|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-981A1F/2020|2020-08-09|EPI_ISL_526358|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012193060/2020|2020-08-13|EPI_ISL_745652|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-99078F/2020|2020-08-24|EPI_ISL_530354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17340/2020|2020-00-00|EPI_ISL_663850|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B78CAA/2020|2020-11-12|EPI_ISL_667841|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A0CAC0/2020|2020-10-03|EPI_ISL_585617|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/SAP191/2020|2020-03-21|EPI_ISL_492128|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/WI-UW-723/2020|2020-06-30|EPI_ISL_491398|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-A0266C/2020|2020-09-28|EPI_ISL_584919|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH3-181/2020|2020-03-02|EPI_ISL_454942|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Colombia/AMA-INS-103039/2020|2020-04-23|EPI_ISL_456144|Original|hCoV-19^^Amazonas|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/Japan/PG-0809/2020|2020-04-00|EPI_ISL_684419|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-QDX-2176/2020|2020-03-21|EPI_ISL_604499|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/GA-IBV-004032/2020|2020-03-14|EPI_ISL_510273|Original|hCoV-19^^Galicia|Human|Hospital Clínico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-492A2F/2020|2020-11-23|EPI_ISL_725735|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-BAAE9A/2020|2020-11-18|EPI_ISL_783137|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20798/2020|2020-12-02|EPI_ISL_729706|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charité Universitätsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Ireland/D-NVRL-20G35042/2020|2020-03-19|EPI_ISL_605120|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapathi|Ireland

>Spike|hCoV-19/England/MILK-97098F/2020|2020-08-18|EPI_ISL_553083|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79B8F/2020|2020-10-15|EPI_ISL_606695|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-5FC68/2020|2020-05-21|EPI_ISL_473393|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-9F0D4F/2020|2020-09-24|EPI_ISL_589579|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8657/2020|2020-07-01|EPI_ISL_780682|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18072/2020|2020-11-13|EPI_ISL_784420|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-1709/2020|2020-03-21|EPI_ISL_424230|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-6757/2020|2020-04-20|EPI_ISL_622348|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4939E5/2020|2020-11-30|EPI_ISL_725969|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20139058304/2020|2020-03-27|EPI_ISL_420724|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-2480/2020|2020-03-00|EPI_ISL_548153|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/USA/NC_200272/2020|2020-04-00|EPI_ISL_454811|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/Chile/RM-ISPCH-60/2020|2020-03-21|EPI_ISL_445356|Original|hCoV-19^^Region Metropolitana de Santiago|Human|PONTIFICIA U. CATOLICA SERV. LABORATORIO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Northern Ireland/NIRE-104083/2020|2020-04-08|EPI_ISL_482137|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12067/2020|2020-11-25|EPI_ISL_791399|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Japan/PG-1707/2020|2020-04-00|EPI_ISL_685313|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012543435/2020|2020-08-13|EPI_ISL_746009|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC2441/2020|2020-06-26|EPI_ISL_522147|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A3E861/2020|2020-10-04|EPI_ISL_609545|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002162/2020|2020-07-08|EPI_ISL_515568|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MI-MDHHS-SC21320/2020|2020-04-01|EPI_ISL_507575|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM61959420/2020|2020-11-30|EPI_ISL_753450|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/CAMC-B9C5E1/2020|2020-11-15|EPI_ISL_673245|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0085/2020|2020-03-21|EPI_ISL_513495|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/LA-GBCL-26513022/2020|2020-04-23|EPI_ISL_485076|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/ALDP-B24074/2020|2020-11-04|EPI_ISL_646283|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C505/2020|2020-03-31|EPI_ISL_472499|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B11D64/2020|2020-11-02|EPI_ISL_642292|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B02CF0/2020|2020-10-24|EPI_ISL_647835|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2080/2020|2020-02-21|EPI_ISL_497981|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMC-A59280/2020|2020-10-08|EPI_ISL_597101|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0347/2020|2020-05-17|EPI_ISL_509112|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/CAMB-73F74/2020|2020-03-20|EPI_ISL_440346|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CT-UW-2465/2020|2020-03-29|EPI_ISL_485921|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR5641/2020|2020-10-20|EPI_ISL_651884|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-12D682/2020|2020-05-08|EPI_ISL_481930|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648608/2020|2020-04-27|EPI_ISL_695855|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/BIRM-63821/2020|2020-08-19|EPI_ISL_529368|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-B8F2F9/2020|2020-11-13|EPI_ISL_675305|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A95859/2020|2020-10-20|EPI_ISL_624802|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/CAM-INTPas-9/2020|2020-00-00|EPI_ISL_494763|Original|hCoV-19^^Campania|Human|INT Fondazione Pascale|INT Fondazione Pascale|Rachiglio|Italy

>Spike|hCoV-19/USA/LA-EVTL896/2020|2020-07-08|EPI_ISL_653587|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WA-S2704/2020|2020-06-22|EPI_ISL_497336|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/India/MH-ACTREC-461/2020|2020-08-10|EPI_ISL_700109|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-6487/2020|2020-06-27|EPI_ISL_546031|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1BD60F/2020|2020-12-02|EPI_ISL_764322|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORT-29F5F6/2020|2020-04-30|EPI_ISL_490492|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-954462/2020|2020-06-13|EPI_ISL_553788|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1203/2020|2020-03-25|EPI_ISL_450452|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/ALDP-AA3560/2020|2020-10-22|EPI_ISL_623943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420606/2020|2020-12-22|EPI_ISL_768311|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/PV-IBV-000714/2020|2020-03-05|EPI_ISL_452754|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-AAEA4/2020|2020-07-28|EPI_ISL_540623|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC58/2020|2020-03-18|EPI_ISL_420573|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19437/2020|2020-11-30|EPI_ISL_783839|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gibraltar/205000642/2020|2020-12-00|EPI_ISL_709977|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/TX-DSHS-0457/2020|2020-06-18|EPI_ISL_541990|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12307/2020|2020-09-25|EPI_ISL_790292|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-4798/2020|2020-06-22|EPI_ISL_544337|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20932/2020|2020-03-23|EPI_ISL_507722|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Iceland/363/2020|2020-03-19|EPI_ISL_424387|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Austria/CeMM0475/2020|2020-03-16|EPI_ISL_475880|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-C8EEC8/2020|2020-12-09|EPI_ISL_777169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-138/2020|2020-04-27|EPI_ISL_481230|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Denmark/DCGC-16515/2020|2020-11-16|EPI_ISL_714809|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S973/2020|2020-05-01|EPI_ISL_463463|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-19424/2020|2020-12-07|EPI_ISL_748936|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B22C90/2020|2020-11-02|EPI_ISL_647335|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_20847524/2020|2020-03-00|EPI_ISL_462782|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Wales/PHWC-166702/2020|2020-06-13|EPI_ISL_494031|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1613/2020|2020-04-00|EPI_ISL_685219|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-DB6251/2020|2020-11-06|EPI_ISL_650560|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22621/2020|2020-11-23|EPI_ISL_737194|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-2566/2020|2020-08-10|EPI_ISL_617781|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-213/2020|2020-03-25|EPI_ISL_428309|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/CAMC-9B1D1D/2020|2020-09-04|EPI_ISL_566519|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/CUNCI-HGC4I029/2020|2020-06-02|EPI_ISL_479701|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/Japan/PG-2208/2020|2020-04-00|EPI_ISL_685813|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Singapore/1019/2020|2020-03-23|EPI_ISL_574504|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-9FD850/2020|2020-10-02|EPI_ISL_587810|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-188/2020|2020-00-00|EPI_ISL_523311|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/TG-CCMB-X94/2020|2020-07-14|EPI_ISL_528869|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Belgium/GC-0328313/2020|2020-03-28|EPI_ISL_462167|Original|hCoV-19^^Binche|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/NY-NYCPHL-000595/2020|2020-03-10|EPI_ISL_632053|Original|hCoV-19^^New York|Human|New York Presbyterian Queens|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Peru/AMZ-UPCH-0257/2020|2020-09-28|EPI_ISL_729903|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Hungary/US-60432w/2020|2020-10-02|EPI_ISL_677807|Original|hCoV-19^^B\u00e9k\u00e9s county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/WA-UW-1828/2020|2020-03-22|EPI_ISL_424269|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-995993/2020|2020-08-23|EPI_ISL_551680|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6157/2020|2020-05-14|EPI_ISL_473893|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-AC81E9/2020|2020-10-21|EPI_ISL_629486|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB35C6/2020|2020-11-19|EPI_ISL_702001|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20282/2020|2020-11-28|EPI_ISL_723422|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/20124097102/2020|2020-03-13|EPI_ISL_418734|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9E5A19/2020|2020-09-24|EPI_ISL_589473|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22455/2020|2020-12-14|EPI_ISL_757418|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-4A8570/2020|2020-06-11|EPI_ISL_559542|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0942/2020|2020-07-17|EPI_ISL_517832|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LOND-1264D59/2020|2020-11-23|EPI_ISL_724563|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6956/2020|2020-10-12|EPI_ISL_619802|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-AEFEF4/2020|2020-10-30|EPI_ISL_676454|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6A4D0/2020|2020-11-11|EPI_ISL_662509|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-nimh-17585/2020|2020-05-12|EPI_ISL_515963|Original|hCoV-19^^Karnataka|Human|VICTORIA HOSPITAL|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/England/CAMC-B33476/2020|2020-11-05|EPI_ISL_659115|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9589BA/2020|2020-06-15|EPI_ISL_554690|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485412/2020|2020-10-25|EPI_ISL_628182|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC1711/2020|2020-05-19|EPI_ISL_456616|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6415/2020|2020-07-00|EPI_ISL_689521|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/TAS75/2020|2020-03-20|EPI_ISL_522746|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-955BE4/2020|2020-06-12|EPI_ISL_555329|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1260713/2020|2020-03-17|EPI_ISL_516833|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15241/2020|2020-08-02|EPI_ISL_593214|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-10892A/2020|2020-09-10|EPI_ISL_585218|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-A80D25/2020|2020-10-13|EPI_ISL_610821|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/073/2020|2020-07-10|EPI_ISL_501289|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/QEUH-9DC06E/2020|2020-09-21|EPI_ISL_601366|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7104/2020|2020-08-03|EPI_ISL_514530|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/CVR6052/2020|2020-11-26|EPI_ISL_705718|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21995/2020|2020-09-26|EPI_ISL_576218|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NORW-EE34B/2020|2020-00-00|EPI_ISL_490530|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/UT-08475/2020|2020-05-20|EPI_ISL_524245|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Panama/335862/2020|2020-04-03|EPI_ISL_496822|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Scotland/QEUH-A1EA70/2020|2020-10-01|EPI_ISL_598897|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-931735/2020|2020-06-21|EPI_ISL_552999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/NIH-3083/2020|2020-03-00|EPI_ISL_515292|Vero P2|hCoV-19^^Bangkok|Human|Ramkhamhaeng Hospital|National Institute of Health. Department of medical Sciences|Phuygun|Thailand

>Spike|hCoV-19/USA/CA-ALSR-3505/2020|2020-09-17|EPI_ISL_636057|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/Gelderland_75/2020|2020-05-18|EPI_ISL_460974|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-ACED0D/2020|2020-10-21|EPI_ISL_629325|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1517/2020|2020-05-01|EPI_ISL_542767|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-502652/2020|2020-06-25|EPI_ISL_559101|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Morocco/6903/2020|2020-04-19|EPI_ISL_459981|Original|hCoV-19^^Morocco|Human|Institut Pasteur du Maroc|Institut Pasteur du Maroc|Enouf|Morocco

>Spike|hCoV-19/USA/TX-HMH-MCoV-13203/2020|2020-08-26|EPI_ISL_788354|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-1572/2020|2020-04-12|EPI_ISL_468504|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Germany/HH-hpi-p1870/2020|2020-03-23|EPI_ISL_775675|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-991171/2020|2020-08-27|EPI_ISL_551874|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14424/2020|2020-11-05|EPI_ISL_739606|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Spain/GA-IBV-002750/2020|2020-04-13|EPI_ISL_467282|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/OXON-B3B47/2020|2020-03-23|EPI_ISL_534903|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13814/2020|2020-08-17|EPI_ISL_739303|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/LIVE-DBEAD9/2020|2020-10-29|EPI_ISL_664652|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-DB4A5B/2020|2020-10-24|EPI_ISL_651391|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-BFD5EE/2020|2020-12-03|EPI_ISL_720769|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31BD8/2020|2020-04-12|EPI_ISL_446541|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C8399/2020|2020-09-11|EPI_ISL_567008|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBCF47/2020|2020-11-18|EPI_ISL_704502|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8F72/2020|2020-11-02|EPI_ISL_651694|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-74A838/2020|2020-06-30|EPI_ISL_557435|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F917736/2020|2020-03-24|EPI_ISL_561346|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/QEUEH-A9EDBB/2020|2020-10-20|EPI_ISL_611467|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA2CA7/2020|2020-11-18|EPI_ISL_672802|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7353/2020|2020-06-29|EPI_ISL_546698|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AN-IBV-001064/2020|2020-04-01|EPI_ISL_452612|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Colombia/SAP-INS-SPSAN02/2020|2020-12-28|EPI_ISL_791088|Original|hCoV-19^^San Andres|Human|Instituto Nacional de Salud - Unidad de Secuenciaci\u00f3n y An\u00e9lisis Gen\u00f3mico|Instituto Nacional de Salud - Direcci\u00f3n de Investigaci\u00f3n en Salud P\u00fablica|D\u00edaz|Colombia

>Spike|hCoV-19/Netherlands/OV-EMC-97/2020|2020-09-09|EPI_ISL_722436|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-9686/2020|2020-07-06|EPI_ISL_780225|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B67DAB/2020|2020-11-11|EPI_ISL_655133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/CJE-0325178/2020|2020-03-25|EPI_ISL_420435|Original|hCoV-19^^Colfontaine|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-493C0A/2020|2020-11-17|EPI_ISL_725998|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94F330/2020|2020-06-22|EPI_ISL_556489|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1121/2020|2020-03-31|EPI_ISL_511668|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-BA2D59/2020|2020-11-18|EPI_ISL_721063|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A8234F/2020|2020-10-12|EPI_ISL_610834|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13269/2020|2020-11-30|EPI_ISL_712158|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/S11BD1/2020|2020-09-22|EPI_ISL_732627|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMB-7FC35/2020|2020-04-16|EPI_ISL_433494|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/France/IDF-8707/2020|2020-06-29|EPI_ISL_560642|Original|hCoV-19^^\u00cele-de-France|Human|Labo Analyses Med|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Canada/ON-PHL-20-02222/2020|2020-09-00|EPI_ISL_671500|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMC-B21912/2020|2020-11-01|EPI_ISL_647273|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2983/2020|2020-04-02|EPI_ISL_487733|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-973148/2020|2020-08-20|EPI_ISL_575811|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-H12-62/2020|2020-04-12|EPI_ISL_529993|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/Denmark/DCGC-5749/2020|2020-09-28|EPI_ISL_621254|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-1223/2020|2020-12-17|EPI_ISL_763292|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-9270/2020|2020-11-16|EPI_ISL_668880|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC1948/2020|2020-06-09|EPI_ISL_480672|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-25393/2020|2020-03-23|EPI_ISL_432190|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9E4EB4/2020|2020-09-24|EPI_ISL_601011|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-109051/2020|2020-10-13|EPI_ISL_652310|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036762197/2020|2020-11-03|EPI_ISL_682221|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMB-7277D/2020|2020-03-24|EPI_ISL_439638|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1638C6/2020|2020-05-02|EPI_ISL_474012|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9A67FF/2020|2020-08-30|EPI_ISL_576094|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-501/2020|2020-03-24|EPI_ISL_571235|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-22547/2020|2020-12-14|EPI_ISL_757432|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUAH-943703/2020|2020-08-02|EPI_ISL_532620|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0700/2020|2020-03-17|EPI_ISL_510959|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-18608/2020|2020-12-07|EPI_ISL_750076|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-ISPCH-46/2020|2020-03-21|EPI_ISL_445325|Original|hCoV-19^^Region Metropolitana de Santiago|Human|HOSPITAL DR.SOTERO DEL RIO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/MILK-4882BB/2020|2020-05-07|EPI_ISL_559688|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-110010/2020|2020-04-01|EPI_ISL_486450|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS9562893/2020|2020-12-29|EPI_ISL_771150|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/BIRM-6A08C/2020|2020-11-09|EPI_ISL_679018|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/BIRM-64EB5/2020|2020-09-24|EPI_ISL_594527|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8964/2020|2020-10-26|EPI_ISL_625870|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-04858/2020|2020-05-23|EPI_ISL_575179|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-9761/2020|2020-11-09|EPI_ISL_669154|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-1155/2020|2020-04-27|EPI_ISL_542556|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2187/2020|2020-06-23|EPI_ISL_521933|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-6704/2020|2020-04-20|EPI_ISL_622386|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AR-IBV-2432/2020|2020-03-24|EPI_ISL_468788|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-20333/2020|2020-11-16|EPI_ISL_748118|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACCA80/2020|2020-10-21|EPI_ISL_629411|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79BE9/2020|2020-10-15|EPI_ISL_606708|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8FB6/2020|2020-04-24|EPI_ISL_453571|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Sweden/20-08533/2020|2020-03-27|EPI_ISL_476143|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Switzerland/VD-ETHZ-280181/2020|2020-09-09|EPI_ISL_560520|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Sweden/20-50194/2020|2020-03-05|EPI_ISL_455863|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Japan/PG-7249/2020|2020-08-00|EPI_ISL_688352|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC22159/2020|2020-10-12|EPI_ISL_614210|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-B23673/2020|2020-11-04|EPI_ISL_647111|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20113/2020|2020-12-07|EPI_ISL_747991|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B2397A/2020|2020-11-04|EPI_ISL_646914|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1307/2020|2020-06-08|EPI_ISL_618090|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-492245/2020|2020-11-17|EPI_ISL_704038|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00914/2020|2020-10-22|EPI_ISL_692834|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Australia/VIC7214/2020|2020-07-11|EPI_ISL_564287|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-13016/2020|2020-11-30|EPI_ISL_712531|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-699FBE/2020|2020-07-01|EPI_ISL_551744|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036853496/2020|2020-11-09|EPI_ISL_728494|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/FL-BPHL-051/2020|2020-04-17|EPI_ISL_436555|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-SURV0144/2020|2020-03-02|EPI_ISL_436050|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-48AE4C/2020|2020-11-03|EPI_ISL_666164|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B20A7A/2020|2020-11-01|EPI_ISL_647547|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204290933/2020|2020-10-17|EPI_ISL_622862|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB4636/2020|2020-05-08|EPI_ISL_478172|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-641/2020|2020-03-17|EPI_ISL_571366|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-24DB4/2020|2020-03-20|EPI_ISL_419511|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Sichuan/SC-WCH2-006/2020|2020-02-08|EPI_ISL_451076|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Germany/NW-HHU-85/2020|2020-08-17|EPI_ISL_539601|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/MILK-BAC171/2020|2020-11-18|EPI_ISL_783144|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A5951E/2020|2020-10-09|EPI_ISL_597021|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5943/2020|2020-06-25|EPI_ISL_547110|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-3680/2020|2020-03-00|EPI_ISL_418348|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/USA/FL-BPHL-0865/2020|2020-07-02|EPI_ISL_514211|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-955258/2020|2020-06-12|EPI_ISL_553615|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42173111/2020|2020-03-02|EPI_ISL_527920|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-C3B774/2020|2020-12-11|EPI_ISL_731043|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Suriname/SR-33/2020|2020-06-25|EPI_ISL_517644|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f6nster|Suriname

>Spike|hCoV-19/India/DL-NCDC1895-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482512|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/USA/CA-CZB-3870/2020|2020-07-17|EPI_ISL_548576|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Austria/CeMM0829/2020|2020-04-15|EPI_ISL_583724|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-12416/2020|2020-11-16|EPI_ISL_682597|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A6B731/2020|2020-10-09|EPI_ISL_608836|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3912/2020|2020-06-00|EPI_ISL_692163|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-CECD43/2020|2020-12-21|EPI_ISL_781348|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/VAC-INS-79930/2020|2020-03-14|EPI_ISL_456137|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/England/QEUEH-BC3718/2020|2020-11-25|EPI_ISL_704085|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17876/2020|2020-08-21|EPI_ISL_779524|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/Denmark/DCGC-22138/2020|2020-12-14|EPI_ISL_758107|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1153/2020|2020-03-19|EPI_ISL_648067|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Scotland/CVR5216/2020|2020-10-15|EPI_ISL_626687|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-A005DA/2020|2020-10-02|EPI_ISL_584891|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22029/2020|2020-09-14|EPI_ISL_577585|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUEH-89C2DE/2020|2020-07-27|EPI_ISL_532688|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012575394/2020|2020-08-03|EPI_ISL_745767|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-A98434/2020|2020-12-26|EPI_ISL_764344|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/SHEF-D125D/2020|2020-04-23|EPI_ISL_484514|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-261D4/2020|2020-03-26|EPI_ISL_422316|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5736/2020|2020-09-10|EPI_ISL_567794|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0611/2020|2020-11-28|EPI_ISL_682289|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-48978E/2020|2020-11-03|EPI_ISL_639615|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201211132/2020|2020-04-06|EPI_ISL_678509|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-9D19E6/2020|2020-09-14|EPI_ISL_573674|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00440/2020|2020-06-03|EPI_ISL_717835|Original|hCoV-19^^Rio de Janeiro|Human|LACEN Dr. Francisco Rimolo Neto|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/TX-DSHS-1376/2020|2020-05-11|EPI_ISL_654740|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-2A440/2020|2020-04-01|EPI_ISL_445568|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR5596/2020|2020-10-31|EPI_ISL_650751|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL403/2020|2020-06-01|EPI_ISL_578809|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-DSHS-0180/2020|2020-03-16|EPI_ISL_524061|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/VA-DCLS-0750/2020|2020-06-15|EPI_ISL_526867|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-15728/2020|2020-11-23|EPI_ISL_713476|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-F6E4F/2020|2020-12-05|EPI_ISL_725305|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-7E1BF/2020|2020-04-16|EPI_ISL_434047|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/20138027404/2020|2020-03-26|EPI_ISL_423317|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1438/2020|2020-03-18|EPI_ISL_572090|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Ireland/un-NVRL-AIIDB0134v1/2020|2020-12-11|EPI_ISL_778831|Original|hCoV-19^^Ireland|Human|AIID|Irish Coronavirus Sequencing Consortium-Teagasc Grange|McCabe|Ireland

>Spike|hCoV-19/England/204360017/2020|2020-10-21|EPI_ISL_668445|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C30FD1/2020|2020-12-11|EPI_ISL_757122|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2922/2020|2020-04-25|EPI_ISL_456391|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Japan/PG-1488/2020|2020-04-00|EPI_ISL_685095|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-B025AA/2020|2020-10-24|EPI_ISL_647853|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CN-IBV-97006483/2020|2020-03-25|EPI_ISL_537698|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/MD-HLP-H11-40/2020|2020-03-12|EPI_ISL_417967|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Burkina Faso/3103/2020|2020-09-28|EPI_ISL_660467|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Sourou Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Denmark/DCGC-21221/2020|2020-12-21|EPI_ISL_759618|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204221398/2020|2020-00-00|EPI_ISL_593793|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13327/2020|2020-08-25|EPI_ISL_788475|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B50534/2020|2020-10-19|EPI_ISL_649386|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4548/2020|2020-10-16|EPI_ISL_775451|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Canada/ON-S1222/2020|2020-03-18|EPI_ISL_586299|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/QEUA-9DC471/2020|2020-09-22|EPI_ISL_601157|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5090/2020|2020-09-21|EPI_ISL_621628|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99D5C4/2020|2020-08-31|EPI_ISL_549930|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F2B1/2020|2020-12-06|EPI_ISL_743191|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E11FA/2020|2020-09-20|EPI_ISL_581038|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0171/2020|2020-05-18|EPI_ISL_698358|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUA-95E969/2020|2020-08-07|EPI_ISL_532486|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D74B2/2020|2020-09-20|EPI_ISL_584375|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-9644AB/2020|2020-08-12|EPI_ISL_536878|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-11331/2020|2020-05-04|EPI_ISL_475208|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15332/2020|2020-10-19|EPI_ISL_786816|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-2670/2020|2020-03-30|EPI_ISL_486013|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/un-EMC-788/2020|2020-00-00|EPI_ISL_577884|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-AF6944/2020|2020-10-30|EPI_ISL_663161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-CDC-3582/2020|2020-04-07|EPI_ISL_594461|original|hCoV-19^^Florida|Human|FL Bureau of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/OR-OHSU-2289/2020|2020-08-10|EPI_ISL_667170|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Gibraltar/205121220/2020|2020-00-00|EPI_ISL_766346|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-490432/2020|2020-10-30|EPI_ISL_706479|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC10690/2020|2020-09-03|EPI_ISL_563033|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-MEPHI-1208/2020|2020-08-17|EPI_ISL_644402|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUA-787301/2020|2020-07-15|EPI_ISL_533182|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A45DE/2020|2020-12-16|EPI_ISL_764712|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/APU-PODV-15934631/2020|2020-08-23|EPI_ISL_788974|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/USA/AZ-TG340910/2020|2020-06-01|EPI_ISL_694036|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/NY-PV09379/2020|2020-03-19|EPI_ISL_450062|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Scotland/EDB8205/2020|2020-10-08|EPI_ISL_594833|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11929/2020|2020-10-19|EPI_ISL_671221|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-204591/2020|2020-10-12|EPI_ISL_746764|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Switzerland/Vs-ETHZ-100173/2020|2020-03-16|EPI_ISL_574969|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MN-MDH-1871/2020|2020-10-13|EPI_ISL_603006|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000235/2020|2020-03-15|EPI_ISL_631764|Original|hCoV-19^^New York|Human|Mount Sinai Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Canada/ON-UHTC_0355/2020|2020-10-03|EPI_ISL_609822|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/AZ-TG280923/2020|2020-04-27|EPI_ISL_694219|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/AK-PHL550/2020|2020-06-20|EPI_ISL_522405|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/CAMC-B22AC3/2020|2020-11-02|EPI_ISL_647198|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9D07ED/2020|2020-09-16|EPI_ISL_589882|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FA34/2020|2020-10-14|EPI_ISL_607832|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE294/2020|2020-04-27|EPI_ISL_459436|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3336/2020|2020-04-00|EPI_ISL_691451|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KDCA0264/2020|2020-08-14|EPI_ISL_760029|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Wales/PHWC-33769/2020|2020-04-17|EPI_ISL_446744|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE5173/2020|2020-03-18|EPI_ISL_528924|Original|hCoV-19^^Abruzzo|Human|Ospedale \Giuseppe Mazzini\ -Teramo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/England/MILK-9D47DA/2020|2020-09-17|EPI_ISL_601520|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/PB-IMT-L176/2020|2020-04-30|EPI_ISL_539486|Original|hCoV-19^^Punjab|Human|Civil Hospital|CSIR-Institute of Microbial Technology|Patil|India

>Spike|hCoV-19/USA/HI-H200285/2020|2020-07-07|EPI_ISL_752844|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUH-C30A85/2020|2020-12-09|EPI_ISL_731421|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9095238/2020|2020-10-31|EPI_ISL_744848|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/AG-ETHZ-331066/2020|2020-10-20|EPI_ISL_614893|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9D8A37/2020|2020-09-18|EPI_ISL_576645|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0986/2020|2020-08-09|EPI_ISL_569032|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Japan/PG-4523/2020|2020-08-00|EPI_ISL_689662|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-14846/2020|2020-11-20|EPI_ISL_739106|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-4A691C/2020|2020-12-17|EPI_ISL_765084|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4549/2020|2020-07-09|EPI_ISL_667002|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUH-AD2D7F/2020|2020-10-26|EPI_ISL_629877|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10890/2020|2020-08-17|EPI_ISL_563141|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-1164/2020|2020-04-26|EPI_ISL_542562|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR4871/2020|2020-10-03|EPI_ISL_650490|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-13090B/2020|2020-04-13|EPI_ISL_492539|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20814/2020|2020-12-21|EPI_ISL_759381|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17333/2020|2020-12-14|EPI_ISL_750915|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/MILK-A6B063/2020|2020-10-08|EPI_ISL_625416|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-95DBFB/2020|2020-06-18|EPI_ISL_556187|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-5756/2020|2020-04-07|EPI_ISL_430920|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Mali/M002826/2020|2020-04-14|EPI_ISL_487465|Original|hCoV-19^^Bamako|Human|CICM-Mali|Bundeswehr Institut of Microbiology|Antwerpen|Mali

>Spike|hCoV-19/Pakistan/NIH-44905/2020|2020-06-02|EPI_ISL_468159|unknown|hCoV-19^^Islamabad|Human|unknown|Department of Virology|Umair|Pakistan

>Spike|hCoV-19/Luxembourg/LNS9510711/2020|2020-03-17|EPI_ISL_421762|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-A92731/2020|2020-10-19|EPI_ISL_611169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C2A4/2020|2020-04-20|EPI_ISL_472463|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00412/2020|2020-09-03|EPI_ISL_717814|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/NORT-2867CF/2020|2020-10-08|EPI_ISL_638568|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-C0643F/2020|2020-12-06|EPI_ISL_709363|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A5E704/2020|2020-10-12|EPI_ISL_597348|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AE294B/2020|2020-10-27|EPI_ISL_633549|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2542/2020|2020-04-04|EPI_ISL_527043|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/MILK-9F0EB5/2020|2020-09-23|EPI_ISL_589663|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03544/2020|2020-11-28|EPI_ISL_765880|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/MILK-BDB9DB/2020|2020-11-27|EPI_ISL_709666|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C72D/2020|2020-03-31|EPI_ISL_472530|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-323/2020|2020-07-17|EPI_ISL_699972|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-3783/2020|2020-06-12|EPI_ISL_543188|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/SP-387/2020|2020-06-20|EPI_ISL_603027|Original|hCoV-19^^S\u00e3o Paulo|Human|Santa Casa de Misericordia de Ara\u00e7atuba|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Australia/VIC7508/2020|2020-00-00|EPI_ISL_564456|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-08698/2020|2020-05-08|EPI_ISL_524416|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-0596/2020|2020-04-00|EPI_ISL_684206|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-2894/2020|2020-06-08|EPI_ISL_543862|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-UHTC_0344/2020|2020-09-11|EPI_ISL_609803|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/MILK-AC83C5/2020|2020-10-21|EPI_ISL_629393|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH75/2020|2020-03-18|EPI_ISL_429316|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Belgium/reg-0912943/2020|2020-09-12|EPI_ISL_734930|Original|hCoV-19^^Maasmechelen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/WA-S375/2020|2020-03-26|EPI_ISL_434135|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/LA-EVTL1277/2020|2020-12-04|EPI_ISL_778943|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-492C92/2020|2020-11-27|EPI_ISL_725772|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5868219/2020|2020-08-10|EPI_ISL_744311|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Sweden/20-52118/2020|2020-05-07|EPI_ISL_615096|Original|hCoV-19^^Vasterbotten|Human|Umea klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-18483/2020|2020-12-07|EPI_ISL_749994|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13868/2020|2020-08-17|EPI_ISL_787161|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C3ADDD/2020|2020-12-09|EPI_ISL_731692|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-AD58E4/2020|2020-10-25|EPI_ISL_647921|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1107CB/2020|2020-04-20|EPI_ISL_441859|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19509/2020|2020-12-07|EPI_ISL_748322|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9B5511/2020|2020-09-03|EPI_ISL_590451|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-278519-01/2020|2020-11-23|EPI_ISL_754405|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0010/2020|2020-03-14|EPI_ISL_515299|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Netherlands/NA_497/2020|2020-04-06|EPI_ISL_460670|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-7A48D/2020|2020-04-02|EPI_ISL_441253|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-AB7E31/2020|2020-10-21|EPI_ISL_623405|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0834/2020|2020-05-19|EPI_ISL_698973|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Ireland/DL-NVRL-20G45123/2020|2020-04-02|EPI_ISL_666708|Original|hCoV-19^^Donegal|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium-Teagasc Grange|McCabe|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-15353/2020|2020-10-22|EPI_ISL_786837|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BB8F69/2020|2020-11-20|EPI_ISL_703210|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9F39/2020|2020-03-23|EPI_ISL_517375|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Norway/5415/2020|2020-10-28|EPI_ISL_708082|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/QEUEH-99870F/2020|2020-08-24|EPI_ISL_540065|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2471/2020|2020-05-29|EPI_ISL_545328|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18264/2020|2020-12-14|EPI_ISL_749265|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-GBCL-26791769/2020|2020-04-04|EPI_ISL_485379|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/India/DL-NCDC-02155/2020|2020-03-26|EPI_ISL_435072|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Germany/TH-IIMK-CaSe-9/2020|2020-05-24|EPI_ISL_728303|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/Canada/ON-UHTC-0176/2020|2020-05-23|EPI_ISL_569970|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/MILK-9F09E1/2020|2020-09-24|EPI_ISL_589725|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-3000/2020|2020-03-05|EPI_ISL_417004|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Scotland/QEUI-9C8469/2020|2020-09-15|EPI_ISL_576008|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008998/2020|2020-05-11|EPI_ISL_525309|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/204280144/2020|2020-10-15|EPI_ISL_613595|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-5E542E/2020|2020-06-17|EPI_ISL_533305|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-281A52/2020|2020-03-22|EPI_ISL_472173|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20146/2020|2020-03-27|EPI_ISL_436875|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC15763/2020|2020-08-01|EPI_ISL_593447|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-DSHS-1624/2020|2020-10-20|EPI_ISL_700703|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-UW-1334/2020|2020-03-17|EPI_ISL_422995|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-16A3EC/2020|2020-09-06|EPI_ISL_535245|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4379/2020|2020-06-17|EPI_ISL_543576|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUI-9F38E1/2020|2020-09-24|EPI_ISL_588724|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1633F2/2020|2020-05-10|EPI_ISL_473292|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1356/2020|2020-04-14|EPI_ISL_579733|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/USA/NY-NYUMC238/2020|2020-04-06|EPI_ISL_427637|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Belgium/VAG-03013/2020|2020-03-01|EPI_ISL_415155|Original|hCoV-19^^Huldenberg|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-9EA21C/2020|2020-09-24|EPI_ISL_580203|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-842/2020|2020-04-09|EPI_ISL_545864|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B2EECB/2020|2020-11-03|EPI_ISL_659849|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494E4F/2020|2020-11-21|EPI_ISL_726261|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-117FAE/2020|2020-10-26|EPI_ISL_612594|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-961514/2020|2020-08-03|EPI_ISL_537049|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1250D32/2020|2020-11-08|EPI_ISL_665811|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4298/2020|2020-09-07|EPI_ISL_615735|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-NCCS-NR2347/2020|2020-05-22|EPI_ISL_496580|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/MILK-B8C335/2020|2020-11-13|EPI_ISL_674356|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B77D6C/2020|2020-11-12|EPI_ISL_668294|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0761B/2020|2020-10-30|EPI_ISL_643779|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0623853/2020|2020-06-23|EPI_ISL_734779|Original|hCoV-19^^Brugge|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Japan/PG-1735/2020|2020-04-00|EPI_ISL_685341|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/ALDP-95AAF1/2020|2020-06-11|EPI_ISL_602160|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A335/2020|2020-04-02|EPI_ISL_441315|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2643/2020|2020-03-12|EPI_ISL_604977|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-A583AC/2020|2020-10-08|EPI_ISL_597000|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B07147/2020|2020-10-29|EPI_ISL_643925|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-R249/2020|2020-08-09|EPI_ISL_539620|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/South Korea/KCDC2764/2020|2020-07-21|EPI_ISL_522543|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMB-75D0F/2020|2020-03-29|EPI_ISL_438416|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Israel/CVL-45936/2020|2020-12-10|EPI_ISL_745058|Original|hCoV-19^^Jerusalem|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Luxembourg/LNS5800178/2020|2020-11-04|EPI_ISL_744304|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Canada/ON-E36/2020|2020-05-26|EPI_ISL_593514|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Ireland/D-SVUH-R6565/2020|2020-04-05|EPI_ISL_596659|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-95839E/2020|2020-06-11|EPI_ISL_554775|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204581874/2020|2020-11-05|EPI_ISL_700650|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14003/2020|2020-08-15|EPI_ISL_787294|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-79EAE/2020|2020-04-01|EPI_ISL_441246|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489D5F/2020|2020-10-28|EPI_ISL_652487|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-952DD2/2020|2020-06-11|EPI_ISL_553634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1025/2020|2020-04-08|EPI_ISL_542499|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR2554/2020|2020-04-16|EPI_ISL_477967|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D562/2020|2020-10-14|EPI_ISL_606975|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003604/2020|2020-03-14|EPI_ISL_538621|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-WSLH-200521/2020|2020-05-27|EPI_ISL_578661|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Canada/BC_02585169/2020|2020-04-00|EPI_ISL_466725|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Belgium/regA-0502639/2020|2020-05-02|EPI_ISL_734697|Original|hCoV-19^^Kessel-Lo|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/QEUH-A21F6C/2020|2020-10-01|EPI_ISL_598834|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-370520/2020|2020-11-19|EPI_ISL_694002|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/ALDP-9503D2/2020|2020-06-16|EPI_ISL_555191|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8835/2020|2020-07-23|EPI_ISL_565225|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LEED-2A98A5/2020|2020-04-10|EPI_ISL_538911|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B20CB0/2020|2020-11-02|EPI_ISL_647559|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168D3B/2020|2020-04-01|EPI_ISL_494358|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR3258/2020|2020-04-28|EPI_ISL_473646|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6230945/2020|2020-11-08|EPI_ISL_744386|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CWAR-24FDDE7/2020|2020-06-07|EPI_ISL_584526|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/WA-S482/2020|2020-04-06|EPI_ISL_434242|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-420598/2020|2020-12-22|EPI_ISL_767946|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Portugal/PT2034/2020|2020-11-09|EPI_ISL_732250|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-9B87EB/2020|2020-09-05|EPI_ISL_549689|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AD0C56/2020|2020-10-26|EPI_ISL_649766|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl851/2020|2020-03-23|EPI_ISL_776201|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-3392/2020|2020-08-31|EPI_ISL_616151|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B46838/2020|2020-11-06|EPI_ISL_656111|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C508D0/2020|2020-12-11|EPI_ISL_736744|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265E0BC/2020|2020-03-30|EPI_ISL_484149|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12876/2020|2020-08-18|EPI_ISL_788028|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12E250/2020|2020-04-13|EPI_ISL_482009|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F5991/2020|2020-09-25|EPI_ISL_588947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21598/2020|2020-12-21|EPI_ISL_758119|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48545E/2020|2020-10-25|EPI_ISL_626762|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Chile/RM-ISPCH-2/2020|2020-03-05|EPI_ISL_414580|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Clinica Santa Maria|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/NOTT-114475/2020|2020-10-08|EPI_ISL_577165|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2465/2020|2020-12-18|EPI_ISL_759740|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Hong Kong/HKU-IHCE0511-004b/2020|2020-02-05|EPI_ISL_538543|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/USA/CA-CZB-1654/2020|2020-04-18|EPI_ISL_468598|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/CA-CSMC9/2020|2020-03-27|EPI_ISL_475706|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Japan/PG-7920/2020|2020-07-00|EPI_ISL_687021|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9C5C82/2020|2020-09-10|EPI_ISL_567671|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1360B5/2020|2020-04-17|EPI_ISL_457195|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-420716/2020|2020-12-24|EPI_ISL_768172|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-02219/2020|2020-04-15|EPI_ISL_436919|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-484914/2020|2020-10-23|EPI_ISL_628058|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-A985AA/2020|2020-12-27|EPI_ISL_764141|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Gibraltar/204641721/2020|2020-00-00|EPI_ISL_637199|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/MILK-994493/2020|2020-08-25|EPI_ISL_552404|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204221405/2020|2020-00-00|EPI_ISL_593798|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-ACC507/2020|2020-10-21|EPI_ISL_634329|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6343/2020|2020-09-28|EPI_ISL_622325|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AD54D1/2020|2020-10-26|EPI_ISL_633862|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1911/2020|2020-05-13|EPI_ISL_452981|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1230/2020|2020-04-10|EPI_ISL_541240|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-95C066/2020|2020-06-14|EPI_ISL_556110|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6128F/2020|2020-06-08|EPI_ISL_473448|Original|hCoV-19^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47DD7C/2020|2020-10-10|EPI_ISL_595360|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1543/2020|2020-08-27|EPI_ISL_568641|Original|hCoV-19^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/EDB3783/2020|2020-04-29|EPI_ISL_439323|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14045/2020|2020-11-30|EPI_ISL_711094|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A69A49/2020|2020-10-09|EPI_ISL_665721|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0886/2020|2020-06-26|EPI_ISL_538410|Original|hCoV-19^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/Scotland/CVR5589/2020|2020-10-30|EPI_ISL_651854|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/QEUA-A60C88/2020|2020-10-12|EPI_ISL_666591|Original|hCoV-19^Wales|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13832/2020|2020-11-30|EPI_ISL_712224|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2369/2020|2020-05-00|EPI_ISL_685974|Original|hCoV-19^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NA_395/2020|2020-04-05|EPI_ISL_455197|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Oman/C-6069/2020|2020-04-26|EPI_ISL_491146|Original|hCoV-19^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/USA/TX-DSHS-1115/2020|2020-06-21|EPI_ISL_615152|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-B6C0CB/2020|2020-11-11|EPI_ISL_655112|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9651/2020|2020-07-06|EPI_ISL_780204|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Iceland/381/2020|2020-03-19|EPI_ISL_424405|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-A8733B/2020|2020-10-17|EPI_ISL_606213|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9C7CBD/2020|2020-09-15|EPI_ISL_576037|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04008/2020|2020-05-07|EPI_ISL_575287|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/SHEF-D3297/2020|2020-04-29|EPI_ISL_475508|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664281/2020|2020-04-29|EPI_ISL_696082|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-8577/2020|2020-08-00|EPI_ISL_686173|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-D04D0/2020|2020-04-17|EPI_ISL_448903|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FA7FC/2020|2020-09-28|EPI_ISL_588143|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42205161/2020|2020-03-24|EPI_ISL_581738|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/PORT-2D3D85/2020|2020-04-22|EPI_ISL_514504|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/CVR4028/2020|2020-08-29|EPI_ISL_535127|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BD74/2020|2020-09-15|EPI_ISL_573970|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B8CDD/2020|2020-09-08|EPI_ISL_549621|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2481/2020|2020-12-25|EPI_ISL_759755|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/NOTT-110DBA/2020|2020-05-05|EPI_ISL_448417|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1354/2020|2020-04-12|EPI_ISL_468368|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/India/MH-ACTREC-517/2020|2020-08-20|EPI_ISL_723055|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Luxembourg/LNS1695013/2020|2020-10-23|EPI_ISL_739980|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/PORT-2F534F/2020|2020-00-00|EPI_ISL_706888|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-2483/2020|2020-04-00|EPI_ISL_686088|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Norway/3361/2020|2020-09-08|EPI_ISL_590881|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Australia/VIC9253/2020|2020-08-23|EPI_ISL_565468|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9444B0/2020|2020-06-07|EPI_ISL_554850|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV1257v1/2020|2020-10-21|EPI_ISL_768782|Original|hCoV-19^^Wicklow|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUH-9CA081/2020|2020-09-10|EPI_ISL_567361|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11434/2020|2020-08-30|EPI_ISL_563370|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/ZH-EMC-585/2020|2020-09-18|EPI_ISL_578013|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/NSW315/2020|2020-03-27|EPI_ISL_451578|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/20149013604/2020|2020-04-03|EPI_ISL_466157|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wuhan/0125-A145/2020|2020-01-25|EPI_ISL_493151|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/Scotland/EDB5112/2020|2020-04-21|EPI_ISL_453191|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-9C4B2C/2020|2020-09-10|EPI_ISL_567664|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-65B53/2020|2020-10-11|EPI_ISL_612208|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUH-B10CB3/2020|2020-11-02|EPI_ISL_642304|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0011/2020|2020-05-30|EPI_ISL_614348|Original|hCoV-19^^Boauk|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|Cote d'Ivoire

>Spike|hCoV-19/Luxembourg/LNS3841557/2020|2020-11-01|EPI_ISL_740382|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/MD-IBV-99008744/2020|2020-10-16|EPI_ISL_654308|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC7523/2020|2020-00-00|EPI_ISL_564469|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-CDC-2-3693477/2020|2020-11-02|EPI_ISL_747123|Original|hCoV-19^^Arizona|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/USA/CA-CZB-4089/2020|2020-08-12|EPI_ISL_548620|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NORW-EE730/2020|2020-00-00|EPI_ISL_529243|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH26/2020|2020-03-26|EPI_ISL_678141|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/NSW2171/2020|2020-03-20|EPI_ISL_500642|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/Australia/VIC4844/2020|2020-07-15|EPI_ISL_519228|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WY-WYPHL-20092968/2020|2020-09-30|EPI_ISL_754182|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/SHEF-CD069/2020|2020-06-21|EPI_ISL_493709|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-10C762E/2020|2020-12-21|EPI_ISL_765155|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22195/2020|2020-12-14|EPI_ISL_758607|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CN-IBV-97006526/2020|2020-06-18|EPI_ISL_561372|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-2415/2020|2020-12-12|EPI_ISL_754634|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/OR-QDX-1274/2020|2020-03-16|EPI_ISL_572033|Original|hCoV-19^^Oregon|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Costa Rica/INC-0045/2020|2020-03-23|EPI_ISL_491456|Original|hCoV-19^^San Jose|Human|Hospital San Juan de Dios|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/Denmark/DCGC-11739/2020|2020-10-26|EPI_ISL_670535|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20449/2020|2020-03-16|EPI_ISL_452323|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/LA-CDC-2-3693763/2020|2020-11-04|EPI_ISL_747070|Original|hCoV-19^^Louisiana|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/QEUEH-B7D9EA/2020|2020-11-14|EPI_ISL_727840|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4413/2020|2020-06-19|EPI_ISL_543601|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B7C07D/2020|2020-11-14|EPI_ISL_668203|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3E500/2020|2020-10-05|EPI_ISL_609660|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012433715/2020|2020-11-30|EPI_ISL_746926|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/PORT-2D1EB1/2020|2020-04-06|EPI_ISL_499291|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-9E1DAB/2020|2020-09-20|EPI_ISL_581228|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9DA6AA/2020|2020-09-21|EPI_ISL_601347|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A12B/2020|2020-11-15|EPI_ISL_673465|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CC18C/2020|2020-09-16|EPI_ISL_584165|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K000581/2020|2020-07-13|EPI_ISL_509237|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUA-AD5B54/2020|2020-10-26|EPI_ISL_634639|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EC8A/2020|2020-10-15|EPI_ISL_607207|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0543-SAN/2020|2020-05-04|EPI_ISL_483213|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORT-29DC20/2020|2020-05-07|EPI_ISL_488081|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A883F/2020|2020-03-26|EPI_ISL_517219|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-71E79/2020|2020-03-29|EPI_ISL_439633|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-S2381/2020|2020-06-12|EPI_ISL_497013|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-CSMC3/2020|2020-03-27|EPI_ISL_475640|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/QEUA-B6793E/2020|2020-11-10|EPI_ISL_655850|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8392/2020|2020-11-00|EPI_ISL_740769|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/England/BRIS-1287FD/2020|2020-04-15|EPI_ISL_458755|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3655/2020|2020-09-25|EPI_ISL_636130|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20144063304/2020|2020-03-31|EPI_ISL_466004|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1337/2020|2020-04-22|EPI_ISL_542657|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C8A10F/2020|2020-12-16|EPI_ISL_762847|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C7BED/2020|2020-09-12|EPI_ISL_567265|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D0F82/2020|2020-04-23|EPI_ISL_475312|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20179/2020|2020-03-12|EPI_ISL_436808|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NORT-2834DA/2020|2020-03-29|EPI_ISL_488633|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49170B/2020|2020-11-05|EPI_ISL_706683|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-1207F5/2020|2020-12-10|EPI_ISL_725649|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0954/2020|2020-07-07|EPI_ISL_517844|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/20166058904/2020|2020-04-15|EPI_ISL_466556|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BRIS-12EDD7/2020|2020-04-21|EPI_ISL_488336|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3677/2020|2020-07-13|EPI_ISL_548479|Original|hCoV-19^^California|Human|University of California|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/CAMC-9DF72A/2020|2020-09-20|EPI_ISL_639004|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-A3FC6/2020|2020-06-25|EPI_ISL_490400|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/MH-NIV-157478/2020|2020-08-10|EPI_ISL_541707|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/England/MILK-BAA191/2020|2020-11-18|EPI_ISL_681628|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33DD0/2020|2020-04-16|EPI_ISL_446823|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4805C9/2020|2020-10-18|EPI_ISL_612906|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-380/2020|2020-11-26|EPI_ISL_718048|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Italy/VEN-UniVR-67/2020|2020-03-14|EPI_ISL_751376|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/PORT-2EA1CB/2020|2020-00-00|EPI_ISL_665483|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Norway/3708/2020|2020-09-21|EPI_ISL_590985|original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/VA-DCLS-0687/2020|2020-04-18|EPI_ISL_500849|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Spain/AN-IBV-004097/2020|2020-04-17|EPI_ISL_510052|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/LOND-DA63A/2020|2020-11-11|EPI_ISL_724648|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LIVE-DC3163/2020|2020-11-20|EPI_ISL_704137|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-1775/2020|2020-04-00|EPI_ISL_685381|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Austria/CeMM0779/2020|2020-04-24|EPI_ISL_583696|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-B84F2A/2020|2020-11-15|EPI_ISL_674396|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-AFMC-5670/2020|2020-05-25|EPI_ISL_496540|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/India/GJ-GBRC182b/2020|2020-06-03|EPI_ISL_467052|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-48213C/2020|2020-04-29|EPI_ISL_559669|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9932E5/2020|2020-08-27|EPI_ISL_551944|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Burkina Faso/2-042-1650/2020|2020-08-13|EPI_ISL_660493|Original|hCoV-19^^Hound\u00e9|Human|Laboratoire de Microbiologie CHU Sourou Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Norway/2090/2020|2020-03-16|EPI_ISL_420153|Original|hCoV-19^^Norway|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/England/OXON-B2FE2/2020|2020-05-24|EPI_ISL_534833|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DDA14/2020|2020-09-21|EPI_ISL_599549|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4408/2020|2020-07-00|EPI_ISL_692634|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-pl862/2020|2020-03-23|EPI_ISL_775919|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-22595/2020|2020-12-14|EPI_ISL_757660|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0352/2020|2020-04-13|EPI_ISL_489761|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Ireland/RN-NVRL-73IRL30636/2020|2020-09-16|EPI_ISL_578319|Original|hCoV-19^^Roscommon|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/MD-MDH-0462/2020|2020-11-11|EPI_ISL_682073|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/India/MH-ACTREC-426/2020|2020-07-31|EPI_ISL_700075|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/France/PAC-SC456/2020|2020-05-08|EPI_ISL_645212|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|Unit\u00e9 des Virus \u00c9mergents|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-77B9A/2020|2020-04-03|EPI_ISL_440830|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCD7F0/2020|2020-11-26|EPI_ISL_704681|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-954CE2/2020|2020-06-12|EPI_ISL_553514|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132053902/2020|2020-03-22|EPI_ISL_420505|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-543S/2020|2020-05-23|EPI_ISL_569751|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUEH-9D09AB/2020|2020-09-16|EPI_ISL_601849|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1129/2020|2020-03-31|EPI_ISL_445177|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-21515/2020|2020-12-21|EPI_ISL_758206|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20194020701/2020|2020-05-05|EPI_ISL_465608|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B23BED/2020|2020-11-04|EPI_ISL_646342|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-119A8D/2020|2020-11-03|EPI_ISL_627721|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Norway/2966/2020|2020-07-22|EPI_ISL_549093|Original|hCoV-19^^Oslo|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Cyprus/008/2020|2020-04-27|EPI_ISL_463748|Original|hCoV-19^^Cyprus|Human|Department of Molecular Virology|Department of Molecular Virology|Richter|Cyprus

>Spike|hCoV-19/USA/WI-GMF-27798/2020|2020-10-26|EPI_ISL_660992|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/CA-CZB-13012/2020|2020-10-26|EPI_ISL_672065|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/UT-QDX-2523/2020|2020-03-13|EPI_ISL_604859|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC17944/2020|2020-08-16|EPI_ISL_779578|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/Portugal/PT0371/2020|2020-03-19|EPI_ISL_454087|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/QEUEH-9B8253/2020|2020-09-10|EPI_ISL_568255|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB151/2020|2020-11-20|EPI_ISL_701691|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1292/2020|2020-08-18|EPI_ISL_569109|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0027Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMC-A64E60/2020|2020-10-11|EPI_ISL_608485|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201002768/2020|2020-04-24|EPI_ISL_594428|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/OR-OHSU-0698/2020|2020-06-18|EPI_ISL_525890|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/DRC/4647/2020|2020-04-30|EPI_ISL_513609|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-HMH-781/2020|2020-04-09|EPI_ISL_545645|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-1578/2020|2020-03-19|EPI_ISL_423016|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Luxembourg/LNS4470088/2020|2020-11-19|EPI_ISL_740476|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUEH-C938E0/2020|2020-12-17|EPI_ISL_777059|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2EE3F/2020|2020-04-06|EPI_ISL_446161|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE26EA/2020|2020-10-26|EPI_ISL_633467|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8959/2020|2020-07-02|EPI_ISL_780859|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B751EA/2020|2020-11-12|EPI_ISL_740899|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Finland/S5CD7/2020|2020-10-30|EPI_ISL_732651|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/LA-GBCL-26684506/2020|2020-04-10|EPI_ISL_485311|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10339/2020|2020-07-08|EPI_ISL_789428|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-0907-IPL/2020|2020-04-27|EPI_ISL_483409|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-10589/2020|2020-11-02|EPI_ISL_670072|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/241/2020|2020-03-17|EPI_ISL_417569|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-500469/2020|2020-06-25|EPI_ISL_559099|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-462/2020|2020-08-12|EPI_ISL_523799|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-AAED9A/2020|2020-10-22|EPI_ISL_653005|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-BC2096/2020|2020-11-22|EPI_ISL_705123|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5D25/2020|2020-09-10|EPI_ISL_567775|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A69803/2020|2020-10-08|EPI_ISL_665273|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/UT-0291/2020|2020-03-27|EPI_ISL_420811|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUEH-9D31EC/2020|2020-09-20|EPI_ISL_577381|Original|hCoV-19^^Scotland|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/ID-UW-6468/2020|2020-04-02|EPI_ISL_570120|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-C27F6/2020|2020-05-01|EPI_ISL_457594|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11095/2020|2020-12-15|EPI_ISL_737344|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-B2187F/2020|2020-11-01|EPI_ISL_647205|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A4332/2020|2020-06-16|EPI_ISL_490415|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-D025B7/2020|2020-12-21|EPI_ISL_781757|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497C24/2020|2020-11-25|EPI_ISL_726950|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19517/2020|2020-12-07|EPI_ISL_749003|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9DE187/2020|2020-09-21|EPI_ISL_599752|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-B68BA0/2020|2020-11-11|EPI_ISL_676381|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42222049/2020|2020-04-06|EPI_ISL_581681|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-16726/2020|2020-10-19|EPI_ISL_714438|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-QDX-79/2020|2020-03-15|EPI_ISL_467843|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-9E45EC/2020|2020-09-22|EPI_ISL_579907|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/L920634181/2020|2020-03-31|EPI_ISL_520727|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/England/QEUEH-9F57D3/2020|2020-09-25|EPI_ISL_588910|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48895C/2020|2020-11-01|EPI_ISL_639447|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B0C86B/2020|2020-10-31|EPI_ISL_643347|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B04B5B/2020|2020-10-24|EPI_ISL_650951|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1908786/2020|2020-10-26|EPI_ISL_740020|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B854B1/2020|2020-11-12|EPI_ISL_675489|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-AAF6DA/2020|2020-10-21|EPI_ISL_634795|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AAE23/2020|2020-08-26|EPI_ISL_551208|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12605/2020|2020-08-31|EPI_ISL_790414|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-08561/2020|2020-03-29|EPI_ISL_475109|Original|hCoV-19^^Sormland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/France/ARA-SC326/2020|2020-03-24|EPI_ISL_660330|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/MI-MDHHS-SC22535/2020|2020-11-02|EPI_ISL_708547|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-98243E/2020|2020-08-09|EPI_ISL_526362|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-1B71BCF/2020|2020-11-19|EPI_ISL_704574|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012864126/2020|2020-08-11|EPI_ISL_745967|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13171/2020|2020-08-26|EPI_ISL_788322|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B8436A/2020|2020-11-14|EPI_ISL_674435|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-574/2020|2020-03-28|EPI_ISL_582269|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Denmark/DCGC-1400/2020|2020-03-30|EPI_ISL_622479|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1820/2020|2020-11-24|EPI_ISL_729284|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Switzerland/SO-ETHZ-420485/2020|2020-12-21|EPI_ISL_768198|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-27777/2020|2020-03-31|EPI_ISL_432008|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20172002104/2020|2020-04-20|EPI_ISL_465318|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/C200042043/2020|2020-11-02|EPI_ISL_649801|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-1511/2020|2020-04-00|EPI_ISL_685118|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A7DE46/2020|2020-10-15|EPI_ISL_638479|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-CCC75/2020|2020-04-02|EPI_ISL_432532|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000886/2020|2020-03-27|EPI_ISL_632958|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-9BC680/2020|2020-09-09|EPI_ISL_568122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11114/2020|2020-05-28|EPI_ISL_625507|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LIVE-DC38D7/2020|2020-11-11|EPI_ISL_705312|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20673/2020|2020-12-21|EPI_ISL_759290|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1A378/2020|2020-11-01|EPI_ISL_646088|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65315/2020|2020-10-11|EPI_ISL_608412|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009570/2020|2020-07-29|EPI_ISL_683600|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/DRC/6163/2020|2020-05-08|EPI_ISL_513623|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-BB259A/2020|2020-11-18|EPI_ISL_720298|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18228/2020|2020-11-12|EPI_ISL_784576|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-501/2020|2020-06-01|EPI_ISL_484876|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-A6B494/2020|2020-10-09|EPI_ISL_608840|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F406/2020|2020-12-07|EPI_ISL_743212|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Colombia/VAC-INS-81271/2020|2020-03-18|EPI_ISL_456141|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Diedaz|Colombia

>Spike|hCoV-19/Netherlands/ZH-RIVM-20710/2020|2020-12-22|EPI_ISL_790776|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMB-1AA887/2020|2020-04-17|EPI_ISL_470126|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-138AA6/2020|2020-10-18|EPI_ISL_626805|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B6FA/2020|2020-11-09|EPI_ISL_655591|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2010/2020|2020-06-04|EPI_ISL_497438|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC2157/2020|2020-06-15|EPI_ISL_480768|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MD-HP00128/2020|2020-03-24|EPI_ISL_457817|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Spain/RI-IBV-005953/2020|2020-03-10|EPI_ISL_500387|Original|hCoV-19^^La Rioja|Human|Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-4F8061/2020|2020-06-24|EPI_ISL_559148|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B9507E/2020|2020-11-13|EPI_ISL_673616|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6084/2020|2020-07-00|EPI_ISL_689196|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-8009A3/2020|2020-07-16|EPI_ISL_557224|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG398891/2020|2020-06-22|EPI_ISL_694851|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-494C54/2020|2020-11-24|EPI_ISL_726236|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8484/2020|2020-07-01|EPI_ISL_780434|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9B8499/2020|2020-09-07|EPI_ISL_549800|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B6249C/2020|2020-11-08|EPI_ISL_656377|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19545/2020|2020-12-07|EPI_ISL_748233|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA3393/2020|2020-10-22|EPI_ISL_624150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45AF8/2020|2020-10-06|EPI_ISL_598682|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1611/2020|2020-03-16|EPI_ISL_776067|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/AZ-TG532062/2020|2020-07-01|EPI_ISL_695402|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B74628/2020|2020-11-12|EPI_ISL_678938|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2465F/2020|2020-03-17|EPI_ISL_419434|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9C458/2020|2020-03-30|EPI_ISL_449538|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-C58E1/2020|2020-04-27|EPI_ISL_475385|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B838A8/2020|2020-11-14|EPI_ISL_675300|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SG-ETHZ-101137/2020|2020-03-30|EPI_ISL_451804|Original|hCoV-19^^Sankt Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-B6AE4B/2020|2020-11-11|EPI_ISL_662555|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-73F0B/2020|2020-03-19|EPI_ISL_440343|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD1D43/2020|2020-10-26|EPI_ISL_629787|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008665/2020|2020-09-30|EPI_ISL_654226|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-1054/2020|2020-07-30|EPI_ISL_516480|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-S2869/2020|2020-09-21|EPI_ISL_596400|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B211DE/2020|2020-11-03|EPI_ISL_647782|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC5D8C/2020|2020-12-22|EPI_ISL_760336|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/492/2020|2020-04-26|EPI_ISL_477189|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine Tan Tock Seng Hospital|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/Wales/PHWC-486B85/2020|2020-10-16|EPI_ISL_637449|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A0BBFB/2020|2020-10-01|EPI_ISL_599386|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MS-CDC-6516/2020|2020-08-22|EPI_ISL_648004|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-10160/2020|2020-11-09|EPI_ISL_669427|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5509/2020|2020-06-26|EPI_ISL_544832|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-QDX-2556/2020|2020-03-14|EPI_ISL_604866|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/OR-OHSU-2067/2020|2020-08-03|EPI_ISL_667106|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-B8C3BD/2020|2020-11-13|EPI_ISL_674247|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10979/2020|2020-09-08|EPI_ISL_707753|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WA-S255/2020|2020-03-08|EPI_ISL_430293|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/France/BRE-IPP9945/2020|2020-09-09|EPI_ISL_693759|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/NORT-2963F5/2020|2020-05-13|EPI_ISL_484269|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-9F5CE3/2020|2020-09-24|EPI_ISL_588330|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A58F20/2020|2020-10-08|EPI_ISL_597042|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-94F585/2020|2020-06-18|EPI_ISL_555884|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB3E51/2020|2020-12-19|EPI_ISL_761271|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B9B5/2020|2020-11-08|EPI_ISL_655584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7851926/2020|2020-11-08|EPI_ISL_744643|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/ZH-ETHZ-210021/2020|2020-07-21|EPI_ISL_510766|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1AC9A0/2020|2020-04-23|EPI_ISL_489403|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6CC7/2020|2020-09-24|EPI_ISL_580617|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1546/2020|2020-04-13|EPI_ISL_542786|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C4E3B/2020|2020-10-28|EPI_ISL_638883|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-BBCCF5/2020|2020-11-21|EPI_ISL_679275|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0534/2020|2020-05-17|EPI_ISL_698696|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Finland/13M69/2020|2020-03-13|EPI_ISL_418396|Original|hCoV-19^^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Germany/BY-MVP-0149/2020|2020-03-30|EPI_ISL_451942|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Spain/MD-IBV-99009611/2020|2020-10-22|EPI_ISL_654360|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Switzerland/BS-42243953/2020|2020-04-24|EPI_ISL_581919|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/MILK-C61DA0/2020|2020-12-13|EPI_ISL_735669|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0404885/2020|2020-04-04|EPI_ISL_734535|Original|hCoV-19^^Moriensart|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-BDB6C5/2020|2020-11-26|EPI_ISL_709631|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2697/2020|2020-08-17|EPI_ISL_616429|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/SAP373/2020|2020-03-20|EPI_ISL_492138|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Belgium/ULG-10681/2020|2020-10-26|EPI_ISL_636653|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Spain/VC-IBV-98006459/2020|2020-06-25|EPI_ISL_538663|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-A6D605/2020|2020-10-14|EPI_ISL_607132|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-783DD/2020|2020-04-05|EPI_ISL_433728|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006283/2020|2020-04-21|EPI_ISL_537653|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/ME-HETL-J0385/2020|2020-12-15|EPI_ISL_755500|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Wales/ALDP-B49237/2020|2020-11-07|EPI_ISL_710902|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8153/2020|2020-09-00|EPI_ISL_687252|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C8E55A/2020|2020-12-15|EPI_ISL_777576|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MS-CDC-6558/2020|2020-09-03|EPI_ISL_648011|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13758/2020|2020-08-18|EPI_ISL_788851|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-99E2BD/2020|2020-08-31|EPI_ISL_550528|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A85BAE/2020|2020-10-17|EPI_ISL_610487|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-31832/2020|2020-11-06|EPI_ISL_661115|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUEH-9DDD75/2020|2020-09-21|EPI_ISL_599696|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-5020/2020|2020-11-12|EPI_ISL_730292|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-485F7B/2020|2020-10-25|EPI_ISL_628296|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A224B7/2020|2020-10-01|EPI_ISL_587605|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14200/2020|2020-11-09|EPI_ISL_739151|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/SHEF-10CA46D/2020|2020-11-29|EPI_ISL_727895|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32AAD/2020|2020-04-15|EPI_ISL_474391|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4328/2020|2020-07-00|EPI_ISL_692556|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B348D3/2020|2020-11-05|EPI_ISL_659704|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A670E/2020|2020-09-01|EPI_ISL_550090|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201141550/2020|2020-03-09|EPI_ISL_464765|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18990/2020|2020-11-25|EPI_ISL_785269|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B8F8D9/2020|2020-11-13|EPI_ISL_674611|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH810/2020|2020-04-24|EPI_ISL_513260|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/UT-01843/2020|2020-04-13|EPI_ISL_470685|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1AD972/2020|2020-05-02|EPI_ISL_448029|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BRIS-12FBDC/2020|2020-04-04|EPI_ISL_492633|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-QDX-414/2020|2020-03-18|EPI_ISL_571256|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/India/GJ-GBRC235b/2020|2020-06-12|EPI_ISL_476877|Original|hCoV-19^^Gujarat|Human|Department of MicroBiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUA-AF6926/2020|2020-10-30|EPI_ISL_662912|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009051670/2020|2020-09-03|EPI_ISL_677244|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/CAMB-1AC90A/2020|2020-04-24|EPI_ISL_489550|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204641730/2020|2020-00-00|EPI_ISL_637204|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/HI-H200619/2020|2020-11-23|EPI_ISL_753145|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-9E97D2/2020|2020-09-24|EPI_ISL_584250|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC6325/2020|2020-07-23|EPI_ISL_518312|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-15C839/2020|2020-04-09|EPI_ISL_472546|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C3B4/2020|2020-11-05|EPI_ISL_666423|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-024/2020|2020-03-28|EPI_ISL_482308|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Belgium/reg-0322864/2020|2020-03-22|EPI_ISL_734514|Original|hCoV-19^^Chaumont-gistoux|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/205260437/2020|2020-00-00|EPI_ISL_766549|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A84A93/2020|2020-10-18|EPI_ISL_610615|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15859/2020|2020-07-10|EPI_ISL_785543|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/SIC-IZSBM169-66/2020|2020-06-00|EPI_ISL_582767|Original|hCoV-19^^Sicily|Human|Laboratorio di Riferimento Regionale della Sicilia Occidentale per l'Emergenza COVID-19|Istituto Zooprofilattico Sperimentale della Sicilia|Reale|Italy

>Spike|hCoV-19/USA/MN-MDH-1013/2020|2020-04-30|EPI_ISL_462858|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Spain/AS-IBV-98006600/2020|2020-03-13|EPI_ISL_654644|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUA-A0BC34/2020|2020-10-03|EPI_ISL_599404|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC878/2020|2020-03-18|EPI_ISL_458017|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-16599/2020|2020-11-16|EPI_ISL_714861|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3D9E6/2020|2020-11-01|EPI_ISL_741377|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20521/2020|2020-11-24|EPI_ISL_728736|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-17930/2020|2020-12-14|EPI_ISL_749650|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-46DEF4/2020|2020-06-04|EPI_ISL_559724|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-172105/2020|2020-03-31|EPI_ISL_469997|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16296A/2020|2020-05-20|EPI_ISL_473042|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18194/2020|2020-11-15|EPI_ISL_784542|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG670259/2020|2020-03-25|EPI_ISL_696435|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Canada/ON-SLB2861/2020|2020-04-07|EPI_ISL_718105|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/UT-01967/2020|2020-04-15|EPI_ISL_452164|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Luxembourg/LNS2321488/2020|2020-11-24|EPI_ISL_740096|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MI-UM-10035702532/2020|2020-08-28|EPI_ISL_583263|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/CT-Yale-393/2020|2020-06-13|EPI_ISL_594133|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Scotland/QEUH-9B4925/2020|2020-09-03|EPI_ISL_602050|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4968E5/2020|2020-11-21|EPI_ISL_726654|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-98F668/2020|2020-08-27|EPI_ISL_540013|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C610C5/2020|2020-12-12|EPI_ISL_735515|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8145/2020|2020-08-05|EPI_ISL_564872|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-10EFF5/2020|2020-03-30|EPI_ISL_432954|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC4057/2020|2020-07-10|EPI_ISL_519439|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-DSHS-1721/2020|2020-06-19|EPI_ISL_708611|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-A50A72/2020|2020-10-07|EPI_ISL_597566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9693/2020|2020-11-09|EPI_ISL_668541|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BAC5EE/2020|2020-11-18|EPI_ISL_720449|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204393980/2020|2020-10-25|EPI_ISL_649888|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9799/2020|2020-07-04|EPI_ISL_780105|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10035862473/2020|2020-09-09|EPI_ISL_583330|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUEH-BC3E8C/2020|2020-11-25|EPI_ISL_704194|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20178032304/2020|2020-04-23|EPI_ISL_465418|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-BAC43C/2020|2020-11-17|EPI_ISL_681333|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01283/2020|2020-06-00|EPI_ISL_548888|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/India/TG-CCMB-M844/2020|2020-06-12|EPI_ISL_495256|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/CA-CZB-1783/2020|2020-06-03|EPI_ISL_486117|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Wales/PHWC-48BB44/2020|2020-11-03|EPI_ISL_666328|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5165/2020|2020-08-00|EPI_ISL_689614|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC20053/2020|2020-03-20|EPI_ISL_437140|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-A45B7D/2020|2020-10-06|EPI_ISL_598556|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1944/2020|2020-06-21|EPI_ISL_765918|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/USA/MA-JLL-17S/2020|2020-00-00|EPI_ISL_632288|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/Denmark/DCGC-6100/2020|2020-10-05|EPI_ISL_620295|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-998E91/2020|2020-08-24|EPI_ISL_541816|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1A36/2020|2020-10-22|EPI_ISL_624461|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15046/2020|2020-07-29|EPI_ISL_593121|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-F693F/2020|2020-11-06|EPI_ISL_652352|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1220/2020|2020-08-17|EPI_ISL_536593|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-4851FD/2020|2020-10-25|EPI_ISL_628157|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A3E8BC/2020|2020-10-05|EPI_ISL_609574|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19192/2020|2020-11-23|EPI_ISL_783550|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-C14C63/2020|2020-12-06|EPI_ISL_710691|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CF31/2020|2020-09-25|EPI_ISL_574187|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZE-RIVM-20013/2020|2020-10-10|EPI_ISL_723212|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-2012191595/2020|2020-06-17|EPI_ISL_746365|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/WA-UW-11538/2020|2020-06-21|EPI_ISL_501101|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-5011/2020|2020-09-14|EPI_ISL_621791|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-994448/2020|2020-08-26|EPI_ISL_551655|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012645552/2020|2020-07-31|EPI_ISL_745730|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4840B5/2020|2020-10-25|EPI_ISL_627963|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B0A593/2020|2020-10-31|EPI_ISL_673129|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12566C/2020|2020-03-28|EPI_ISL_443722|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-DCOCCF/2020|2020-11-03|EPI_ISL_704129|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B1B6C9/2020|2020-11-01|EPI_ISL_710923|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ukraine/Chernivtsi_860/2020|2020-08-06|EPI_ISL_654818|Original|hCoV-19^^Chernivtsi|Human|Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukrain\u0435|Department of Respiratory and other Viral Infections of L.V.Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukrain\u0435|Mironenko|Ukraine

>Spike|hCoV-19/France/ARA-0873/2020|2020-03-14|EPI_ISL_508875|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Macon|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/WA-S1068/2020|2020-04-29|EPI_ISL_463558|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Portugal/PT0453/2020|2020-04-04|EPI_ISL_454177|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-MCoV-16361/2020|2020-11-01|EPI_ISL_786045|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG408181/2020|2020-06-16|EPI_ISL_694923|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/QLD1266/2020|2020-03-25|EPI_ISL_693268|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/QEUA-A36CB8/2020|2020-10-05|EPI_ISL_638705|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3883/2020|2020-07-00|EPI_ISL_692134|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B62AD6/2020|2020-11-08|EPI_ISL_655355|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15370/2020|2020-10-21|EPI_ISL_786854|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-C2C8EC/2020|2020-12-08|EPI_ISL_733812|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49541F/2020|2020-11-21|EPI_ISL_726344|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/TA-UHL288/2020|2020-04-26|EPI_ISL_681770|Original|hCoV-19^^Tipperary|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/MILK-A7D268/2020|2020-10-13|EPI_ISL_606551|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4145/2020|2020-09-21|EPI_ISL_621965|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Malaysia/IMR_WC1098/2020|2020-02-29|EPI_ISL_430442|Vero E6|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Wales/PHWC-48FB8C/2020|2020-11-11|EPI_ISL_681195|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DC356/2020|2020-09-22|EPI_ISL_601115|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19591/2020|2020-12-07|EPI_ISL_748341|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B072F9/2020|2020-10-30|EPI_ISL_643953|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB90B1/2020|2020-10-21|EPI_ISL_623786|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B346CA/2020|2020-11-05|EPI_ISL_659583|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEAC1D/2020|2020-10-26|EPI_ISL_633372|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3353/2020|2020-05-01|EPI_ISL_456785|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC2309/2020|2020-06-26|EPI_ISL_522030|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-9AEA85/2020|2020-09-05|EPI_ISL_577271|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/NOTT-11369E/2020|2020-09-11|EPI_ISL_549520|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4723/2020|2020-09-21|EPI_ISL_622162|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL514/2020|2020-06-25|EPI_ISL_578918|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-190010/2020|2020-07-03|EPI_ISL_498627|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-2545/2020|2020-05-00|EPI_ISL_690680|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Argentina/PAIS-A0019/2020|2020-04-07|EPI_ISL_430810|Original|hCoV-19^^Ciudad Autonoma de Buenos Aires|Human|Laboratorio de Virolog\u00eda del Hospital de Ni\u00f1os Dr. Ricardo Gutierrez|\u00c1rea de Secuenciaci\u00f3n del Laboratorio de Virolog\u00eda del Hospital de Ni\u00f1os Dr. Ricardo Gutierrez|Viegas|Argentina

>Spike|hCoV-19/England/CAMC-B78387/2020|2020-11-12|EPI_ISL_661697|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BD2AA4/2020|2020-11-28|EPI_ISL_702272|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-9150/2020|2020-09-01|EPI_ISL_593930|Original|hCoV-19^^\u00e9tats-Unis|Human|Labo Analyses Med|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-A92E2D/2020|2020-10-20|EPI_ISL_611059|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8802/2020|2020-08-00|EPI_ISL_686389|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/PA-MGSC55-05/2020|2020-03-23|EPI_ISL_436502|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/Wales/PHWC-4A23E5/2020|2020-12-13|EPI_ISL_743884|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96FB7E/2020|2020-08-18|EPI_ISL_568406|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-60S/2020|2020-05-13|EPI_ISL_569855|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/DRC/1767/2020|2020-04-10|EPI_ISL_435157|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/Portugal/PT1210/2020|2020-03-26|EPI_ISL_511753|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/LA-EVTL187/2020|2020-05-21|EPI_ISL_574321|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-B74DC9/2020|2020-11-12|EPI_ISL_661998|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-658829/2020|2020-07-03|EPI_ISL_558168|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-117399/2020|2020-12-08|EPI_ISL_745373|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Northern Ireland/NIRE-233952/2020|2020-10-04|EPI_ISL_680327|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-B51AAD/2020|2020-11-08|EPI_ISL_658234|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SD-SDPHL-0001/2020|2020-04-03|EPI_ISL_569609|Original|hCoV-19^^South Dakota|Human|Bennet County Hospital|South Dakota Public Health Laboratory|Carlson|USA

>Spike|hCoV-19/England/EXET-1350F2/2020|2020-04-04|EPI_ISL_457032|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC102/2020|2020-04-29|EPI_ISL_444373|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12085/2020|2020-06-22|EPI_ISL_570486|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-3666/2020|2020-07-08|EPI_ISL_516741|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/LIVE-A0372/2020|2020-05-25|EPI_ISL_472105|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B9907A/2020|2020-11-15|EPI_ISL_673439|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003522/2020|2020-09-26|EPI_ISL_602841|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-BAFC22/2020|2020-11-17|EPI_ISL_720652|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4088/2020|2020-06-17|EPI_ISL_543358|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-282B4F/2020|2020-03-28|EPI_ISL_488565|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0795813/2020|2020-10-28|EPI_ISL_739832|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Chile/RM-126534/2020|2020-07-16|EPI_ISL_746595|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/France/ARA-09434/2020|2020-03-15|EPI_ISL_418414|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Valence|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/MILK-ABBF67/2020|2020-10-22|EPI_ISL_631090|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1627/2020|2020-03-31|EPI_ISL_530223|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/WI-UW-91/2020|2020-04-01|EPI_ISL_425148|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-671A24/2020|2020-07-03|EPI_ISL_558086|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9040/2020|2020-09-24|EPI_ISL_584184|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-1731/2020|2020-04-00|EPI_ISL_685337|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-1277/2020|2020-08-07|EPI_ISL_541209|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Germany/NW-HHU-351/2020|2020-09-10|EPI_ISL_666638|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Japan/PG-6953/2020|2020-07-00|EPI_ISL_688058|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/SAP446/2020|2020-03-20|EPI_ISL_508137|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Spain/PV-IBV-98007684/2020|2020-09-14|EPI_ISL_582079|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WI-UW-1132/2020|2020-08-13|EPI_ISL_522889|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WI-UW-1882/2020|2020-09-14|EPI_ISL_632897|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Luxembourg/LNS2818424/2020|2020-04-15|EPI_ISL_434500|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Norway/4793/2020|2020-10-22|EPI_ISL_668407|Original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Switzerland/BE-ETHZ-110486/2020|2020-04-07|EPI_ISL_451898|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-A64BC3/2020|2020-10-11|EPI_ISL_608602|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001528/2020|2020-12-01|EPI_ISL_745447|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC4656/2020|2020-07-13|EPI_ISL_519045|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-5168/2020|2020-09-21|EPI_ISL_621706|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-D069E/2020|2020-07-03|EPI_ISL_526448|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-9FAE60/2020|2020-09-27|EPI_ISL_588268|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/North Macedonia/3310/2020|2020-06-13|EPI_ISL_516423|Original|hCoV-19^^Skopje|Human|Center for public health - Skopje|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/Greece/210_33942/2020|2020-03-14|EPI_ISL_437880|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/India/MH-NIV-69925/2020|2020-06-19|EPI_ISL_541733|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/Wales/PHWC-27AAB/2020|2020-03-30|EPI_ISL_432227|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Russia/LEN-RII-MH3119S/2020|2020-10-01|EPI_ISL_733094|Original|hCoV-19^^Leningrad|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUA-9F4FDC/2020|2020-09-25|EPI_ISL_637805|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC3944/2020|2020-07-14|EPI_ISL_520655|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1AD8EE/2020|2020-05-02|EPI_ISL_448022|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/VIC2667/2020|2020-07-02|EPI_ISL_521509|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/MILK-9EEB2C/2020|2020-09-23|EPI_ISL_580840|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9E8D2/2020|2020-04-11|EPI_ISL_453341|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-7CE05/2020|2020-04-05|EPI_ISL_442151|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Ireland/G-NVRL-76IRL13817/2020|2020-10-16|EPI_ISL_671905|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Belgium/ITM_C340/2020|2020-04-06|EPI_ISL_434367|Original|hCoV-19^^Antwerp|Human|Hospital AZ Rivierenland|Institute of Tropical Medicine|Selhorst|Belgium

>Spike|hCoV-19/Scotland/GCVR-171467/2020|2020-03-28|EPI_ISL_489606|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1255D8/2020|2020-03-28|EPI_ISL_443708|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-4409/2020|2020-07-00|EPI_ISL_691750|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LCST-24D69A4/2020|2020-06-02|EPI_ISL_478314|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7063/2020|2020-10-12|EPI_ISL_619117|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8204/2020|2020-07-07|EPI_ISL_784263|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B32B81/2020|2020-11-05|EPI_ISL_659452|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494841/2020|2020-11-20|EPI_ISL_726175|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A45DC2/2020|2020-10-06|EPI_ISL_598621|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B10BF2/2020|2020-11-02|EPI_ISL_642731|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-46242-01/2020|2020-04-12|EPI_ISL_676844|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-9B70B4/2020|2020-09-04|EPI_ISL_590603|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462917/2020|2020-10-29|EPI_ISL_632815|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Japan/NGY-NNH-035/2020|2020-07-28|EPI_ISL_637001|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/Denmark/DCGC-19306/2020|2020-12-07|EPI_ISL_748526|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BBCB07/2020|2020-11-21|EPI_ISL_705609|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/ALDP-6CE967/2020|2020-07-02|EPI_ISL_556088|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1240/2020|2020-04-00|EPI_ISL_684850|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-BFBA87/2020|2020-12-04|EPI_ISL_708989|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3025/2020|2020-00-00|EPI_ISL_579391|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-992231/2020|2020-08-26|EPI_ISL_540661|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164564/2020|2020-05-09|EPI_ISL_474194|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012849927/2020|2020-12-01|EPI_ISL_779314|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21224/2020|2020-04-07|EPI_ISL_507480|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-B260FA/2020|2020-11-04|EPI_ISL_646673|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/US-636w/2020|2020-03-30|EPI_ISL_476078|Original|hCoV-19^Csongr\u00e9ld County|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/ALDP-8D7592/2020|2020-06-24|EPI_ISL_557034|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB28FB/2020|2020-11-19|EPI_ISL_703111|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-956A13/2020|2020-06-05|EPI_ISL_554284|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9FF37B/2020|2020-10-02|EPI_ISL_600276|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20740/2020|2020-04-29|EPI_ISL_471761|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/PORT-2D2269/2020|2020-03-23|EPI_ISL_507138|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/PORT-2D74B9/2020|2020-00-00|EPI_ISL_665301|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/QEUH-A9FB92/2020|2020-10-20|EPI_ISL_625341|Original|hCoV-19^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-BIE-031/2020|2020-04-04|EPI_ISL_463279|Original|hCoV-19^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Japan/PG-5500/2020|2020-08-00|EPI_ISL_690602|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-4630/2020|2020-03-28|EPI_ISL_570052|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/QLD1254/2020|2020-03-23|EPI_ISL_693257|Original|hCoV-19^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/LOND-12516EB/2020|2020-11-21|EPI_ISL_679426|Original|hCoV-19^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/FL-UW-MAYO68/2020|2020-03-18|EPI_ISL_490988|Original|hCoV-19^Florida|Human|Mayo Clinic Laboratories|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/FR-RIVM-20810/2020|2020-12-13|EPI_ISL_790867|Original|hCoV-19^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/20189159304/2020|2020-05-02|EPI_ISL_465561|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LOND-D4612/2020|2020-04-08|EPI_ISL_444142|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4801D4/2020|2020-10-21|EPI_ISL_612861|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-115508/2020|2020-10-14|EPI_ISL_595245|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1064FE/2020|2020-05-04|EPI_ISL_500993|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-284794-01/2020|2020-12-08|EPI_ISL_754459|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-974DE9/2020|2020-08-18|EPI_ISL_552521|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7328/2020|2020-08-00|EPI_ISL_688431|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-485922/2020|2020-10-21|EPI_ISL_628235|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15285/2020|2020-11-23|EPI_ISL_713743|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B0F798/2020|2020-11-02|EPI_ISL_641674|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19112/2020|2020-11-23|EPI_ISL_783632|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B63413/2020|2020-11-09|EPI_ISL_656524|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-416/2020|2020-11-09|EPI_ISL_722291|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LEED-2A91B9/2020|2020-04-07|EPI_ISL_539177|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497152/2020|2020-11-26|EPI_ISL_726785|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9CCE7/2020|2020-04-23|EPI_ISL_440942|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-103118/2020|2020-04-20|EPI_ISL_489316|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2585/2020|2020-06-27|EPI_ISL_514988|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-19117/2020|2020-12-07|EPI_ISL_748165|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6471/2020|2020-08-00|EPI_ISL_689576|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-19147/2020|2020-12-07|EPI_ISL_748780|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BCA2F2/2020|2020-11-23|EPI_ISL_703552|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A5019B/2020|2020-10-07|EPI_ISL_597858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB9075/2020|2020-10-21|EPI_ISL_623642|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-95F0BE/2020|2020-08-07|EPI_ISL_532500|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-MW23/2020|2020-05-16|EPI_ISL_511925|Original|hCoV-19^^Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics - \u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/MILK-9F28D3/2020|2020-09-23|EPI_ISL_589121|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18175/2020|2020-12-14|EPI_ISL_749164|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT0491/2020|2020-04-29|EPI_ISL_454215|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-B537A4/2020|2020-11-08|EPI_ISL_657020|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200212/2020|2020-03-28|EPI_ISL_578433|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22209/2020|2020-10-26|EPI_ISL_644361|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-9FD823/2020|2020-10-02|EPI_ISL_587914|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99486A/2020|2020-08-25|EPI_ISL_552282|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9060F2/2020|2020-06-24|EPI_ISL_551537|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001534/2020|2020-12-01|EPI_ISL_745452|Original|hCoV-19^^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/CVR2625/2020|2020-04-17|EPI_ISL_484621|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORT-2820B9/2020|2020-03-25|EPI_ISL_472192|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9522/2020|2020-04-07|EPI_ISL_672117|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NOTT-116112/2020|2020-10-18|EPI_ISL_595303|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0163/2020|2020-09-14|EPI_ISL_755346|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/NM-UNM-00563/2020|2020-04-10|EPI_ISL_542979|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Scotland/CVR4887/2020|2020-10-06|EPI_ISL_651738|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BA74/2020|2020-11-05|EPI_ISL_666317|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020330308/2020|2020-09-03|EPI_ISL_644584|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/AR-CDC-2-3713986/2020|2020-09-02|EPI_ISL_751652|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-94E46B/2020|2020-06-17|EPI_ISL_555475|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AAODE3/2020|2020-10-22|EPI_ISL_624008|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A61355/2020|2020-10-13|EPI_ISL_665314|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-2239/2020|2020-04-00|EPI_ISL_685844|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUEH-96D4A2/2020|2020-08-20|EPI_ISL_534513|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13735/2020|2020-09-01|EPI_ISL_592311|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/WB-S2/2020|2020-03-21|EPI_ISL_430468|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/SHEF-C2AFD/2020|2020-04-22|EPI_ISL_453702|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Brazil/MA-L19-CD407/2020|2020-04-02|EPI_ISL_476330|Original|hCoV-19^^Maranh\u00e3o|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/Switzerland/TI-ETHZ-321395/2020|2020-10-13|EPI_ISL_603636|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CO-CDC-2-3713995/2020|2020-12-03|EPI_ISL_751701|Original|hCoV-19^^Colorado|Human|CO Dept. of Public Health and Environment|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Scotland/GCVR-1707E7/2020|2020-03-26|EPI_ISL_501635|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-

University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-188/2020|2020-06-16|EPI_ISL_483633|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh
>Spike|hCoV-19/India/GJ-GBRC137b/2020|2020-05-24|EPI_ISL_458095|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/South Africa/KRISP-0436/2020|2020-07-01|EPI_ISL_498055|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Gibraltar/204462814/2020|2020-10-29|EPI_ISL_614989|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19/USA/MN-MDH-1666/2020|2020-04-04|EPI_ISL_560753|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/Belgium/regA-0429623/2020|2020-04-29|EPI_ISL_734676|Original|hCoV-19^^Couvin|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/USA/UT-UPHL-2012787431/2020|2020-08-15|EPI_ISL_746154|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/India/MH-ACTREC-405/2020|2020-07-29|EPI_ISL_700054|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/England/ALDP-950EFF/2020|2020-06-13|EPI_ISL_554171|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/StPetersburg-RII15673S/2020|2020-05-15|EPI_ISL_507270|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/Spain/ML-ISCIII-202449/2020|2020-03-14|EPI_ISL_455347|Original|hCoV-19^^Melilla|Human|Hospital Comarcal de Melilla|Instituto de Salud Carlos III|Caballero|Spain
>Spike|hCoV-19/England/ALDP-A93A55/2020|2020-10-19|EPI_ISL_610925|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB6535/2020|2020-06-17|EPI_ISL_478252|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/Japan/PG-7397/2020|2020-07-00|EPI_ISL_688499|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUA-B12431/2020|2020-11-02|EPI_ISL_642597|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON-OICR-SLB2859/2020|2020-04-07|EPI_ISL_538378|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada
>Spike|hCoV-19/Wales/MILK-B04960/2020|2020-10-24|EPI_ISL_651033|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/QEUA-B14059/2020|2020-11-03|EPI_ISL_641828|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/New Zealand/20VR1450/2020|2020-03-24|EPI_ISL_456217|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
>Spike|hCoV-19/England/ALDP-A6C581/2020|2020-10-15|EPI_ISL_607995|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3DC1A/2020|2020-11-01|EPI_ISL_706249|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC578/2020|2020-03-26|EPI_ISL_426836|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B41105/2020|2020-11-08|EPI_ISL_658648|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12949/2020|2020-07-28|EPI_ISL_563610|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Hong Kong/HKU-IHCE0511-007b/2020|2020-02-15|EPI_ISL_538533|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/England/NORT-289322/2020|2020-03-29|EPI_ISL_458663|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-935/2020|2020-03-09|EPI_ISL_614695|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0456/2020|2020-05-18|EPI_ISL_698626|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/CA-ALSR-4703/2020|2020-09-09|EPI_ISL_730091|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORT-2818EF/2020|2020-03-20|EPI_ISL_488752|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9DBE0B/2020|2020-09-21|EPI_ISL_601429|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480268/2020|2020-10-05|EPI_ISL_612867|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3244/2020|2020-08-24|EPI_ISL_616876|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/GSTT-6885/2020|2020-03-30|EPI_ISL_560740|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/France/ARA-SC036/2020|2020-03-28|EPI_ISL_629094|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Austria/CeMM0474/2020|2020-03-10|EPI_ISL_475879|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-11741/2020|2020-10-26|EPI_ISL_671107|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7C71F/2020|2020-10-15|EPI_ISL_606568|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10711/2020|2020-09-06|EPI_ISL_563048|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-1082/2020|2020-04-23|EPI_ISL_437082|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1378/2020|2020-11-13|EPI_ISL_700542|Original|hCoV-19^^Western Cape|Human|Knysna CDC wc WLC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/MILK-9D45EF/2020|2020-09-17|EPI_ISL_601774|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/109879/2020|2020-04-09|EPI_ISL_600428|Original|hCoV-19^^Barishal|Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19/USA/WA-S472/2020|2020-04-05|EPI_ISL_434232|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-B620B6/2020|2020-11-08|EPI_ISL_656464|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6329/2020|2020-06-04|EPI_ISL_473939|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-93CCA4/2020|2020-06-21|EPI_ISL_552975|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3180/2020|2020-04-00|EPI_ISL_691300|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-ACTREC-398/2020|2020-07-29|EPI_ISL_700047|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/CAMC-9466B8/2020|2020-07-16|EPI_ISL_556964|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0850-NBG/2020|2020-05-14|EPI_ISL_483398|Original|hCoV-19^^Louisiana|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/LA-EVTL517/2020|2020-06-25|EPI_ISL_578921|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-A45E74/2020|2020-10-06|EPI_ISL_598774|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9922B9/2020|2020-08-27|EPI_ISL_540667|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUH-A4D1EC/2020|2020-10-07|EPI_ISL_628590|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-CBDEDF/2020|2020-12-18|EPI_ISL_760498|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-SR0290/2020|2020-04-01|EPI_ISL_445145|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/MILK-970A5F/2020|2020-08-18|EPI_ISL_553023|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1041/2020|2020-06-15|EPI_ISL_628723|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-C5023C/2020|2020-12-11|EPI_ISL_769555|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-137825/2020|2020-05-01|EPI_ISL_471986|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC14239/2020|2020-08-03|EPI_ISL_592409|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1763/2020|2020-09-14|EPI_ISL_605636|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-AA557D/2020|2020-10-21|EPI_ISL_625149|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3290/2020|2020-09-16|EPI_ISL_635952|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-99930A/2020|2020-08-23|EPI_ISL_541788|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/451/2020|2020-03-20|EPI_ISL_424475|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Luxembourg/LNS0061167/2020|2020-10-26|EPI_ISL_739704|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-C489E7/2020|2020-12-12|EPI_ISL_736587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Guangdong/20SF1159/2020|2020-01-31|EPI_ISL_428446|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/Wales/PHWC-49E461/2020|2020-12-08|EPI_ISL_743004|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1204/2020|2020-05-06|EPI_ISL_463694|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-94E35F/2020|2020-06-17|EPI_ISL_555588|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5514/2020|2020-08-00|EPI_ISL_688639|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A58C5/2020|2020-12-16|EPI_ISL_764935|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC887/2020|2020-04-30|EPI_ISL_467380|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/CVR3992/2020|2020-09-02|EPI_ISL_540789|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2394/2020|2020-08-10|EPI_ISL_617576|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15147/2020|2020-10-18|EPI_ISL_786631|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DC1ED7/2020|2020-11-22|EPI_ISL_679396|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-AEAD1A/2020|2020-10-26|EPI_ISL_633218|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96F103/2020|2020-08-17|EPI_ISL_530442|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW96/2020|2020-03-23|EPI_ISL_427678|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/MILK-A22824/2020|2020-10-02|EPI_ISL_611864|Original|hCoV-19^^Wales|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C3A7/2020|2020-11-10|EPI_ISL_655835|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1139/2020|2020-05-04|EPI_ISL_463629|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/CA-CSMC16/2020|2020-04-13|EPI_ISL_475625|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/ALDP-954286/2020|2020-06-12|EPI_ISL_554589|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0347/2020|2020-06-13|EPI_ISL_538285|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/EDB5405/2020|2020-04-05|EPI_ISL_487762|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC487/2020|2020-03-18|EPI_ISL_436735|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Japan/PG-6956/2020|2020-07-00|EPI_ISL_688061|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A8BCF0/2020|2020-10-17|EPI_ISL_643233|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1254DB/2020|2020-03-27|EPI_ISL_444017|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17764/2020|2020-12-14|EPI_ISL_749297|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LEED-2A9EFE/2020|2020-04-10|EPI_ISL_538780|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B04687/2020|2020-10-24|EPI_ISL_652165|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1015/2020|2020-04-09|EPI_ISL_644169|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-5186/2020|2020-06-23|EPI_ISL_544583|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Kazakhstan/26829/2020|2020-04-26|EPI_ISL_454518|Original|hCoV-19^^Nur-Sultan|Human|RSE \National Center for Biotechnology\|RSE \National Center for Biotechnology\|Kalendar|Kazakhstan

>Spike|hCoV-19/USA/WA-UW76/2020|2020-03-10|EPI_ISL_415604|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Finland/23SS12G8/2020|2020-09-23|EPI_ISL_759798|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/UT-04480/2020|2020-05-21|EPI_ISL_522341|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1B2A4A/2020|2020-05-15|EPI_ISL_469913|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B4D5F/2020|2020-05-02|EPI_ISL_535011|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Singapore/903/2020|2020-09-03|EPI_ISL_536444|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-48F506/2020|2020-11-10|EPI_ISL_681104|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC17984/2020|2020-08-21|EPI_ISL_779602|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/Netherlands/NH-RIVM-20226/2020|2020-12-05|EPI_ISL_723378|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-1608C9/2020|2020-04-29|EPI_ISL_472990|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-24736/2020|2020-10-08|EPI_ISL_660908|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-B5AF4B/2020|2020-11-09|EPI_ISL_655521|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1463/2020|2020-03-30|EPI_ISL_511422|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/CVR3776/2020|2020-05-31|EPI_ISL_478109|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Aruba/AW-RIVM-10390/2020|2020-08-06|EPI_ISL_636516|Original|hCoV-19^^Aruba|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Aruba

>Spike|hCoV-19/Russia/LEN-RII-MH2050S/2020|2020-09-18|EPI_ISL_602389|Original|hCoV-19^^Leningrad|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15013/2020|2020-10-17|EPI_ISL_786497|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1348/2020|2020-09-08|EPI_ISL_536719|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18646/2020|2020-11-21|EPI_ISL_784994|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/CB-IBV-98007076/2020|2020-09-03|EPI_ISL_582106|Original|hCoV-19^^Cantabria|Human|Hospital Universitario Marqu\u00e9s de Valdecilla - IDIVAL (Santander|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-B22A3C/2020|2020-11-02|EPI_ISL_647364|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22199/2020|2020-10-26|EPI_ISL_644367|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Wales/PHWC-4A2822/2020|2020-12-08|EPI_ISL_743946|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0587/2020|2020-06-03|EPI_ISL_569698|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-5140/2020|2020-08-00|EPI_ISL_690247|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-FCBE8/2020|2020-04-22|EPI_ISL_470078|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01696/2020|2020-04-13|EPI_ISL_454716|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM58846794/2020|2020-11-30|EPI_ISL_753458|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Japan/PG-8313/2020|2020-08-00|EPI_ISL_687412|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-246AA/2020|2020-03-17|EPI_ISL_419439|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B5A628/2020|2020-11-06|EPI_ISL_658145|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-125013/2020|2020-03-26|EPI_ISL_444002|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CF3ED/2020|2020-09-17|EPI_ISL_590048|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52329/2020|2020-11-08|EPI_ISL_656970|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7249/2020|2020-07-27|EPI_ISL_564312|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-974AB5/2020|2020-08-21|EPI_ISL_552461|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-32904/2020|2020-10-17|EPI_ISL_737096|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MN-MDH-1632/2020|2020-04-28|EPI_ISL_539826|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUEH-AD3224/2020|2020-10-25|EPI_ISL_633807|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-B0535/2020|2020-11-18|EPI_ISL_719636|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201380217/2020|2020-03-25|EPI_ISL_421822|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Vietnam/VNHN_1072/2020|2020-03-17|EPI_ISL_455717|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/England/QEUI-9F58D0/2020|2020-09-25|EPI_ISL_588423|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1829/2020|2020-05-19|EPI_ISL_512199|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B99265/2020|2020-11-15|EPI_ISL_673415|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-885/2020|2020-03-30|EPI_ISL_444955|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-BAB752/2020|2020-11-18|EPI_ISL_783331|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B39522/2020|2020-11-02|EPI_ISL_658812|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A429/2020|2020-10-15|EPI_ISL_606773|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205160492/2020|2020-12-16|EPI_ISL_766423|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-D1A64/2020|2020-09-13|EPI_ISL_559941|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A670C1/2020|2020-10-12|EPI_ISL_630505|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1840/2020|2020-04-09|EPI_ISL_613920|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-165967/2020|2020-05-15|EPI_ISL_490745|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11560/2020|2020-11-02|EPI_ISL_670995|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-4811/2020|2020-05-01|EPI_ISL_730155|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/GCVR-1725BE/2020|2020-04-04|EPI_ISL_524535|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9944EE/2020|2020-08-25|EPI_ISL_552206|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-371/2020|2020-08-17|EPI_ISL_527785|Original|hCoV-19^^Connecticut|Human|Connecticut State Department of Public Health|Grubaugh Lab - Yale School of Public Health|Fauver|USA

>Spike|hCoV-19/England/QEUA-BCC06F/2020|2020-11-27|EPI_ISL_703984|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/141cul/2020|2020-03-23|EPI_ISL_574484|VeroE6 P1|hCoV-19^^Singapore|Human|Programme in Emerging Infectious Diseases|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Australia/VIC4335/2020|2020-07-13|EPI_ISL_519631|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2419/2020|2020-08-10|EPI_ISL_617601|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA11C8/2020|2020-10-22|EPI_ISL_623974|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10159/2020|2020-06-02|EPI_ISL_570270|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LIVE-DCA393/2020|2020-12-06|EPI_ISL_724355|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/MH-NCCS-NR1290/2020|2020-05-15|EPI_ISL_496558|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/QEUA-CABDE6/2020|2020-12-20|EPI_ISL_761058|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Timor-Leste/TL06/2020|2020-04-11|EPI_ISL_456598|Original|hCoV-19^^Timor-Leste|Human|National Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Timor-Leste

>Spike|hCoV-19/Australia/VIC2763/2020|2020-07-07|EPI_ISL_521598|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200331/2020|2020-08-24|EPI_ISL_752889|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Australia/VIC7844/2020|2020-07-29|EPI_ISL_564695|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9C9C60/2020|2020-09-10|EPI_ISL_567425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A37103/2020|2020-10-04|EPI_ISL_706929|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-9A40E7/2020|2020-09-01|EPI_ISL_540146|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A0B733/2020|2020-10-01|EPI_ISL_599309|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5D2390/2020|2020-06-19|EPI_ISL_558590|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B32E00/2020|2020-11-05|EPI_ISL_659723|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D4BAA/2020|2020-04-11|EPI_ISL_449657|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10979/2020|2020-11-02|EPI_ISL_670322|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8945/2020|2020-08-00|EPI_ISL_686491|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A3F596/2020|2020-10-06|EPI_ISL_609692|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481267/2020|2020-10-19|EPI_ISL_613048|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAEDE5/2020|2020-10-22|EPI_ISL_653008|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-0788/2020|2020-04-00|EPI_ISL_684398|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-49EAD8/2020|2020-12-08|EPI_ISL_743093|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-950958/2020|2020-06-14|EPI_ISL_554346|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/15A32S5/2020|2020-04-15|EPI_ISL_481555|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Canada/ON-PHL-20-01158/2020|2020-04-00|EPI_ISL_548781|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Scotland/CVR2621/2020|2020-04-17|EPI_ISL_484618|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-285291-01/2020|2020-12-08|EPI_ISL_754475|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-1276/2020|2020-06-08|EPI_ISL_618069|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9BA39/2020|2020-04-19|EPI_ISL_440895|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA77B/2020|2020-11-23|EPI_ISL_703260|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20552/2020|2020-04-29|EPI_ISL_460600|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Japan/PG-1886/2020|2020-05-00|EPI_ISL_685492|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-13987/2020|2020-11-30|EPI_ISL_711498|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AA6AB/2020|2020-04-17|EPI_ISL_470114|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100177/2020|2020-03-17|EPI_ISL_574985|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-6260/2020|2020-10-05|EPI_ISL_620020|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-96BF76/2020|2020-08-14|EPI_ISL_531362|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-200059/2020|2020-07-14|EPI_ISL_510741|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-A1DC11/2020|2020-09-29|EPI_ISL_587491|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008808/2020|2020-05-23|EPI_ISL_524834|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-A49B00/2020|2020-10-05|EPI_ISL_627281|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484404/2020|2020-10-23|EPI_ISL_628002|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22377/2020|2020-12-14|EPI_ISL_757525|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-24557/2020|2020-08-17|EPI_ISL_576486|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-DSHS-0235/2020|2020-04-25|EPI_ISL_525787|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/BIRM-66202/2020|2020-10-07|EPI_ISL_612247|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2747/2020|2020-07-19|EPI_ISL_522526|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/BRIS-126DDF/2020|2020-04-09|EPI_ISL_459010|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VAN4606/2020|2020-05-11|EPI_ISL_677688|Original|hCoV-19^^New York|Human|Vanda Pharmaceuticals Clinical Site|Vanda Pharmaceuticals|Przychodzen|USA

>Spike|hCoV-19/Northern Ireland/NIRE-10675F/2020|2020-05-14|EPI_ISL_501054|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB902A/2020|2020-10-21|EPI_ISL_623728|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14561/2020|2020-10-08|EPI_ISL_787846|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9C7039/2020|2020-09-08|EPI_ISL_573273|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16439/2020|2020-11-16|EPI_ISL_714768|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-MDH-0162/2020|2020-07-14|EPI_ISL_524889|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/MILK-A79633/2020|2020-10-13|EPI_ISL_606910|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C7ADA/2020|2020-05-26|EPI_ISL_475401|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI515/2020|2020-03-23|EPI_ISL_429583|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Japan/PG-4957/2020|2020-08-00|EPI_ISL_690076|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Morocco/RMPS-21/2020|2020-04-01|EPI_ISL_728235|Original|hCoV-19^^Morocco|Human|LNR National Reference Laboratory|Medical Biotechnology Laboratory|Kartti|Morocco

>Spike|hCoV-19/Wales/PHWC-4A1C81/2020|2020-12-11|EPI_ISL_743798|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2484/2020|2020-08-10|EPI_ISL_617752|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19789/2020|2020-12-07|EPI_ISL_747789|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C588AB/2020|2020-12-14|EPI_ISL_735941|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012159735/2020|2020-07-27|EPI_ISL_745665|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-6505/2020|2020-07-00|EPI_ISL_689607|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC13901/2020|2020-09-14|EPI_ISL_563873|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-2167/2020|2020-11-06|EPI_ISL_677196|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/USA/UT-08643/2020|2020-05-26|EPI_ISL_524378|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-20118/2020|2020-12-07|EPI_ISL_747672|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-ISPCH-77/2020|2020-04-04|EPI_ISL_445374|Original|hCoV-19^^Region Metropolitana de Santiago|Human|HOSPITAL SAN JUAN DE DIOS|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Australia/NSW583/2020|2020-03-14|EPI_ISL_478695|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-20782/2020|2020-12-21|EPI_ISL_759359|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB10461/2020|2020-11-09|EPI_ISL_704187|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/QEUH-AD3F1E/2020|2020-10-26|EPI_ISL_634663|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A5D4/2020|2020-04-06|EPI_ISL_445591|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Jordan/SR-054/2020|2020-03-30|EPI_ISL_430012|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/QEUH-99922B/2020|2020-08-24|EPI_ISL_541805|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2678/2020|2020-06-22|EPI_ISL_522460|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-953E29/2020|2020-06-13|EPI_ISL_553818|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2EA12/2020|2020-11-03|EPI_ISL_659839|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3426/2020|2020-04-10|EPI_ISL_487852|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6690193/2020|2020-04-15|EPI_ISL_434506|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/AG-ETHZ-101157/2020|2020-03-31|EPI_ISL_451823|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-A6FBE6/2020|2020-10-15|EPI_ISL_607100|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/CUNCI-HGC3I013/2020|2020-06-02|EPI_ISL_479694|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/England/CAMB-81E94/2020|2020-04-22|EPI_ISL_438588|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21515/2020|2020-04-02|EPI_ISL_516242|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/LA-GBCL-26684476/2020|2020-04-10|EPI_ISL_485903|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/ALDP-C3B4B9/2020|2020-12-09|EPI_ISL_731719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495B92/2020|2020-11-26|EPI_ISL_726449|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-CEB4D6/2020|2020-12-21|EPI_ISL_781412|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1963/2020|2020-04-00|EPI_ISL_685569|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-960955/2020|2020-08-07|EPI_ISL_532029|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1F59C/2020|2020-10-01|EPI_ISL_598917|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0374/2020|2020-02-22|EPI_ISL_480044|Original|hCoV-19^^Chubu|Human|Nagoya City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-2603/2020|2020-07-11|EPI_ISL_635582|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-WC-13741-01/2020|2020-03-12|EPI_ISL_534731|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Netherlands/UT-EMC-129/2020|2020-10-22|EPI_ISL_632723|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV1472/2020|2020-12-14|EPI_ISL_791306|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/NY-NYUMC440/2020|2020-04-15|EPI_ISL_435507|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-A67D8E/2020|2020-10-10|EPI_ISL_608989|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1046/2020|2020-04-05|EPI_ISL_542507|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/PRI-RII-MH762S/2020|2020-08-11|EPI_ISL_733010|Original|hCoV-19^^Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/MILK-B94E39/2020|2020-11-14|EPI_ISL_676277|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2026/2020|2020-04-10|EPI_ISL_477844|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1063/2020|2020-11-27|EPI_ISL_768333|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Ireland/CE-NVRL-73IRL22902/2020|2020-09-16|EPI_ISL_578247|Original|hCoV-19^^Clare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/AZ-TG388028/2020|2020-06-18|EPI_ISL_694697|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-47E212/2020|2020-09-27|EPI_ISL_595424|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012698275/2020|2020-10-19|EPI_ISL_745590|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC6915/2020|2020-07-24|EPI_ISL_564136|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Italy/APU-IZSPB_326PT/2020|2020-11-04|EPI_ISL_653819|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/USA/IL-NM-0693/2020|2020-05-10|EPI_ISL_626470|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/HI-H200572/2020|2020-10-24|EPI_ISL_753099|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Scotland/QEUH-96CDF3/2020|2020-08-21|EPI_ISL_534582|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1276B5/2020|2020-04-02|EPI_ISL_469636|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1635/2020|2020-05-28|EPI_ISL_731945|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-2479/2020|2020-08-10|EPI_ISL_617747|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-95031E/2020|2020-06-18|EPI_ISL_555201|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1289/2020|2020-03-24|EPI_ISL_511250|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/CA-CZB-15488/2020|2020-09-15|EPI_ISL_739588|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-9E201A/2020|2020-09-20|EPI_ISL_581321|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A24084/2020|2020-10-04|EPI_ISL_650949|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/WA418/2020|2020-07-11|EPI_ISL_672630|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Japan/PG-7884/2020|2020-07-00|EPI_ISL_686985|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-7A168/2020|2020-04-03|EPI_ISL_441236|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15624/2020|2020-10-26|EPI_ISL_785308|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/SEARCH-5432/2020|2020-09-07|EPI_ISL_755239|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/WA-UW-2940/2020|2020-03-28|EPI_ISL_486057|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-13645/2020|2020-11-30|EPI_ISL_712932|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AE2F76/2020|2020-10-28|EPI_ISL_633591|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5CF85/2020|2020-11-09|EPI_ISL_655656|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4953F4/2020|2020-11-21|EPI_ISL_726342|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Mexico/MIC-INDRE-73/2020|2020-08-20|EPI_ISL_576276|Original|hCoV-19^^Michoacan|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/USA/GA-CDC-7327/2020|2020-10-22|EPI_ISL_681776|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-3738/2020|2020-06-16|EPI_ISL_543150|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BS-42418442/2020|2020-08-31|EPI_ISL_581996|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-B271F6/2020|2020-11-04|EPI_ISL_664561|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0902/2020|2020-06-25|EPI_ISL_699040|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC2953/2020|2020-07-07|EPI_ISL_521783|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/SO-ETHZ-360303/2020|2020-11-06|EPI_ISL_729221|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/ZH-RIVM-20683/2020|2020-12-23|EPI_ISL_790751|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM) |Meijer|Netherlands

>Spike|hCoV-19/New Zealand/20VR2647/2020|2020-00-00|EPI_ISL_579315|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR) |Wang|New Zealand

>Spike|hCoV-19/Scotland/CVR2748/2020|2020-04-18|EPI_ISL_438946|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-1004/2020|2020-04-00|EPI_ISL_684614|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-12650C8/2020|2020-11-26|EPI_ISL_724584|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/BRIS-1853847/2020|2020-04-14|EPI_ISL_492398|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A2B7/2020|2020-11-01|EPI_ISL_645967|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2032/2020|2020-07-27|EPI_ISL_618253|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21148/2020|2020-03-26|EPI_ISL_507924|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Northern Ireland/NIRE-23358B/2020|2020-09-09|EPI_ISL_680300|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Australia/VIC1849/2020|2020-03-24|EPI_ISL_480560|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG351918/2020|2020-05-24|EPI_ISL_694405|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Canada/ON_MU-S401/2020|2020-03-30|EPI_ISL_463985|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-4A7D88/2020|2020-06-11|EPI_ISL_559645|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACF7C2/2020|2020-10-22|EPI_ISL_629461|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-932734/2020|2020-06-20|EPI_ISL_551362|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1007/2020|2020-06-17|EPI_ISL_512878|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Senegal/6430/2020|2020-04-11|EPI_ISL_486872|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/USA/FL-BPHL-1356/2020|2020-07-17|EPI_ISL_541293|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/201160010/2020|2020-03-11|EPI_ISL_464776|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664248/2020|2020-04-28|EPI_ISL_696051|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/WI-UW-1269/2020|2020-08-25|EPI_ISL_536641|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WI-UW-548/2020|2020-06-22|EPI_ISL_484923|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-DSHS-1677/2020|2020-06-24|EPI_ISL_710046|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-10970/2020|2020-11-02|EPI_ISL_670316|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1436/2020|2020-12-15|EPI_ISL_779102|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-CZB-3766/2020|2020-06-28|EPI_ISL_548455|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC7260/2020|2020-07-23|EPI_ISL_564319|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9614EA/2020|2020-08-03|EPI_ISL_537018|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-629C52/2020|2020-07-05|EPI_ISL_557828|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH857/2020|2020-05-26|EPI_ISL_513193|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-9E974B/2020|2020-09-24|EPI_ISL_584243|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-9B929E/2020|2020-09-05|EPI_ISL_549806|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E57D6/2020|2020-09-24|EPI_ISL_589429|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4318/2020|2020-06-18|EPI_ISL_543527|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR2964/2020|2020-04-22|EPI_ISL_478051|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-3300/2020|2020-04-00|EPI_ISL_691415|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19800/2020|2020-11-26|EPI_ISL_783562|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A60AE/2020|2020-12-16|EPI_ISL_764996|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9454/2020|2020-07-03|EPI_ISL_780561|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-AD2902/2020|2020-10-25|EPI_ISL_634214|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11CFF4/2020|2020-11-20|EPI_ISL_665913|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-29ADC6/2020|2020-05-25|EPI_ISL_492493|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7860/2020|2020-06-30|EPI_ISL_545669|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0775/2020|2020-06-29|EPI_ISL_512579|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUEH-9F6471/2020|2020-09-25|EPI_ISL_600864|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/202521344/2020|2020-06-13|EPI_ISL_566046|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-560/2020|2020-03-17|EPI_ISL_571316|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WA-UW-862/2020|2020-03-14|EPI_ISL_476937|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-9CB105/2020|2020-09-16|EPI_ISL_575602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21667/2020|2020-12-21|EPI_ISL_758297|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B07280/2020|2020-10-29|EPI_ISL_643974|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-990F78/2020|2020-08-28|EPI_ISL_551886|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1554/2020|2020-05-26|EPI_ISL_495980|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Iceland/516/2020|2020-03-24|EPI_ISL_424538|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Morocco/6895/2020|2020-03-20|EPI_ISL_459973|Original|hCoV-19^^Morocco|Human|Institut Pasteur du Maroc|Institut Pasteur du Maroc|Enouf|Morocco

>Spike|hCoV-19/USA/MI-MDHHS-SC22679/2020|2020-11-26|EPI_ISL_737293|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC6890/2020|2020-07-11|EPI_ISL_564117|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-2760/2020|2020-06-04|EPI_ISL_545534|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-C940E7/2020|2020-12-18|EPI_ISL_777436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A8EEF7/2020|2020-10-16|EPI_ISL_650968|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH019/2020|2020-03-17|EPI_ISL_434729|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-10B234D/2020|2020-04-13|EPI_ISL_469918|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BBA9C/2020|2020-11-13|EPI_ISL_679186|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/20139021304/2020|2020-03-26|EPI_ISL_421881|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-A44F90/2020|2020-10-06|EPI_ISL_598571|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2767/2020|2020-03-29|EPI_ISL_488905|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5817/2020|2020-07-20|EPI_ISL_518611|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-C14A0F/2020|2020-12-06|EPI_ISL_709439|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A8680/2020|2020-03-26|EPI_ISL_517197|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-132F61/2020|2020-06-20|EPI_ISL_511980|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-57-ngs/2020|2020-12-24|EPI_ISL_776571|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/India/MH-NCCS-NR-7614/2020|2020-06-26|EPI_ISL_721661|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/ALDP-9CABF9/2020|2020-09-16|EPI_ISL_575744|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5804/2020|2020-06-27|EPI_ISL_547026|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-WSLH-200315/2020|2020-04-20|EPI_ISL_578496|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Denmark/DCGC-1941/2020|2020-03-30|EPI_ISL_622506|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/SPE-RII-16011V/2020|2020-05-19|EPI_ISL_524011|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-2682/2020|2020-06-05|EPI_ISL_545472|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC5235/2020|2020-07-17|EPI_ISL_520000|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-C6F27/2020|2020-04-29|EPI_ISL_475396|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/United Arab Emirates/skmc-004/2020|2020-02-21|EPI_ISL_582613|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/USA/AR-QDX-679/2020|2020-03-18|EPI_ISL_571408|Original|hCoV-19^^Arkansas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CO-CSU-D1657-3/2020|2020-04-15|EPI_ISL_527444|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Denmark/DCGC-18049/2020|2020-12-14|EPI_ISL_749724|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-08081/2020|2020-03-05|EPI_ISL_454455|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUEH-B7E4F7/2020|2020-11-14|EPI_ISL_667904|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00176/2020|2020-04-03|EPI_ISL_791637|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-310505/2020|2020-10-08|EPI_ISL_603573|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-C448C0/2020|2020-12-10|EPI_ISL_719426|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-5F837/2020|2020-05-13|EPI_ISL_473338|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481F33/2020|2020-10-16|EPI_ISL_613187|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2668/2020|2020-12-31|EPI_ISL_791181|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Scotland/CVR3315/2020|2020-05-05|EPI_ISL_493868|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/SAP217/2020|2020-03-03|EPI_ISL_483073|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/ALDP-B242F6/2020|2020-11-04|EPI_ISL_647027|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7159/2020|2020-09-00|EPI_ISL_688264|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S190/2020|2020-03-23|EPI_ISL_430228|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-B969AF/2020|2020-11-13|EPI_ISL_676310|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7379/2020|2020-07-00|EPI_ISL_688481|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/UGent-220/2020|2020-10-19|EPI_ISL_717619|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/SHEF-C9470/2020|2020-05-27|EPI_ISL_475420|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0839-IPL/2020|2020-04-21|EPI_ISL_483393|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/210100383/2021|2021-01-04|EPI_ISL_791261|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-BEE36E/2020|2020-11-30|EPI_ISL_708984|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7079/2020|2020-08-00|EPI_ISL_688184|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-LACPHL-AB00001/2020|2020-09-29|EPI_ISL_694046|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/England/ALDP-A6D41A/2020|2020-10-15|EPI_ISL_608104|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0397/2020|2020-03-29|EPI_ISL_569488|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-6687/2020|2020-06-24|EPI_ISL_546174|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-006423/2020|2020-04-11|EPI_ISL_510138|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-1314/2020|2020-06-08|EPI_ISL_618048|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL321/2020|2020-05-18|EPI_ISL_578698|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19708/2020|2020-11-18|EPI_ISL_784060|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-ECBEB/2020|2020-06-03|EPI_ISL_472339|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004194/2020|2020-04-02|EPI_ISL_510480|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-3489/2020|2020-08-31|EPI_ISL_616277|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/36/2020|2020-03-04|EPI_ISL_417844|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUH-B66638/2020|2020-11-11|EPI_ISL_661618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-761D5/2020|2020-03-30|EPI_ISL_438452|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Portugal/PT0880/2020|2020-04-24|EPI_ISL_511139|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/HI-H200467/2020|2020-10-09|EPI_ISL_753010|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-380337/2020|2020-11-26|EPI_ISL_721732|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/OXON-AEF8F/2020|2020-04-08|EPI_ISL_448799|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC5967/2020|2020-00-00|EPI_ISL_518742|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Taiwan/170/2020|2020-03-21|EPI_ISL_420084|Original|hCoV-19^^Taiwan|Human|Centers for Disease Control|Centers for Disease Control|Yang|Taiwan

>Spike|hCoV-19/USA/NM-DOH-2020327831/2020|2020-09-03|EPI_ISL_575312|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/Luxembourg/LNS3537918/2020|2020-11-30|EPI_ISL_770930|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Thailand/Bangkok-0079/2020|2020-04-01|EPI_ISL_447020|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/UT-01560/2020|2020-04-07|EPI_ISL_449815|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-02512/2020|2020-04-23|EPI_ISL_493100|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/HI-H200113/2020|2020-06-24|EPI_ISL_752676|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-7001/2020|2020-09-00|EPI_ISL_688106|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-AAE565/2020|2020-10-22|EPI_ISL_623884|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-282B21/2020|2020-03-28|EPI_ISL_488486|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Estonia/ChVir4298/2020|2020-03-00|EPI_ISL_457734|Original|hCoV-19^^Estonia|Human|SYNLAB Eesti OU\u00308|Charite Universit\u00e4tsmedizin Berlin|Muehlemann|Estonia

>Spike|hCoV-19/England/CAMC-B782C6/2020|2020-11-12|EPI_ISL_661928|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-6177/2020|2020-05-06|EPI_ISL_729820|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude P\u00fablica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/CAMB-84F9E/2020|2020-03-13|EPI_ISL_440464|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B634/2020|2020-11-04|EPI_ISL_666263|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C45373/2020|2020-12-10|EPI_ISL_718418|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11193/2020|2020-06-17|EPI_ISL_570380|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-2894/2020|2020-08-17|EPI_ISL_616410|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-29CFE/2020|2020-04-02|EPI_ISL_474246|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/WB-S44/2020|2020-05-01|EPI_ISL_455665|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Denmark/DCGC-19801/2020|2020-12-07|EPI_ISL_747797|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-5CCD22/2020|2020-06-19|EPI_ISL_558460|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL639/2020|2020-08-06|EPI_ISL_579043|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/NSW332/2020|2020-04-11|EPI_ISL_451594|Original|hCoV-19^^New South Wales|Human|Childrens Hospital Westmead|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/CO-CDPHE-2100014440/2020|2020-11-20|EPI_ISL_771304|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/NY-Wadsworth-249773-01/2020|2020-10-20|EPI_ISL_754736|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/NY-NYUMC611/2020|2020-04-01|EPI_ISL_444728|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/LA-EVTL511/2020|2020-06-25|EPI_ISL_578915|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-17077/2020|2020-12-14|EPI_ISL_750222|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18407/2020|2020-12-07|EPI_ISL_749947|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC13374/2020|2020-08-11|EPI_ISL_563699|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/ALAB-SSI-1421/2020|2020-03-26|EPI_ISL_437653|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/HI-H200564/2020|2020-10-24|EPI_ISL_753092|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-8796/2020|2020-08-00|EPI_ISL_686384|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/CT-HUVH-VH7458/2020|2020-04-06|EPI_ISL_444974|Original|hCoV-19^^Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain

>Spike|hCoV-19/Australia/VIC6035/2020|2020-07-24|EPI_ISL_518076|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A96427/2020|2020-10-20|EPI_ISL_624724|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0033/2020|2020-03-21|EPI_ISL_515319|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/QEUA-AEFAF0/2020|2020-10-29|EPI_ISL_662699|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96310F/2020|2020-08-11|EPI_ISL_531477|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-82B50/2020|2020-04-22|EPI_ISL_438663|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-AE4B61/2020|2020-10-26|EPI_ISL_633171|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12830/2020|2020-08-19|EPI_ISL_790554|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B0A5DF/2020|2020-10-29|EPI_ISL_673131|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1603/2020|2020-03-19|EPI_ISL_423005|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21877/2020|2020-08-21|EPI_ISL_565938|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Northern Ireland/NIRE-1083D1/2020|2020-09-09|EPI_ISL_585188|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CBD1/2020|2020-12-10|EPI_ISL_731712|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001271/2020|2020-11-09|EPI_ISL_683870|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/NOTT-11831A/2020|2020-10-26|EPI_ISL_627674|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B85A55/2020|2020-11-14|EPI_ISL_675629|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-65240238/2020|2020-04-06|EPI_ISL_581873|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-CZB-10825/2020|2020-07-13|EPI_ISL_583075|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/FL-BPHL-1636/2020|2020-09-11|EPI_ISL_594325|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LIVE-9C133/2020|2020-03-31|EPI_ISL_449514|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-BBE4CE/2020|2020-11-21|EPI_ISL_703575|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-B32B45/2020|2020-11-05|EPI_ISL_659460|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/3673/2020|2020-07-30|EPI_ISL_560995|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Netherlands/ZuidHolland_85/2020|2020-03-27|EPI_ISL_422953|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-163161/2020|2020-05-27|EPI_ISL_473254|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3367/2020|2020-04-00|EPI_ISL_691482|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-BA2FAE/2020|2020-11-18|EPI_ISL_672867|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Pakistan/JRCGR-KHI15/2020|2020-08-10|EPI_ISL_779275|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/England/QEUEH-C32704/2020|2020-12-11|EPI_ISL_782614|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-0366/2020|2020-03-28|EPI_ISL_435354|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-13735/2020|2020-09-09|EPI_ISL_739288|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Brazil/SP-0104/2020|2020-03-13|EPI_ISL_417928|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio Hermes Pardini|Bioinformatics Laboratory - LNCC|Almeida|Brazil

>Spike|hCoV-19/Japan/PG-2325/2020|2020-03-00|EPI_ISL_685930|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2D1534/2020|2020-04-01|EPI_ISL_512400|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-78634E/2020|2020-07-15|EPI_ISL_533023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0256/2020|2020-04-25|EPI_ISL_527829|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-570/2020|2020-09-20|EPI_ISL_577998|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20128036004/2020|2020-03-19|EPI_ISL_423952|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-A916DB/2020|2020-10-19|EPI_ISL_704866|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LOND-124C3A0/2020|2020-04-16|EPI_ISL_492905|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99669/2020|2020-11-15|EPI_ISL_673489|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5670/2020|2020-11-02|EPI_ISL_650146|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1932776/2020|2020-10-31|EPI_ISL_740026|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-36AB8/2020|2020-05-01|EPI_ISL_474756|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3346/2020|2020-08-31|EPI_ISL_616100|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001019/2020|2020-09-16|EPI_ISL_633037|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/VA-DCLS-0300/2020|2020-05-18|EPI_ISL_463103|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-20440/2020|2020-12-21|EPI_ISL_759149|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201025399/2020|2020-06-22|EPI_ISL_594263|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC17147/2020|2020-08-15|EPI_ISL_663763|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Guangdong/20SF013/2020|2020-01-15|EPI_ISL_403933|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health|Department of Microbiology|Lu|China

>Spike|hCoV-19/England/CAMB-78F9D/2020|2020-04-03|EPI_ISL_441175|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/NSW556/2020|2020-04-14|EPI_ISL_455095|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Hong Kong/HKU-200723-086/2020|2020-07-12|EPI_ISL_497853|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/USA/MN-MDH-148/2020|2020-03-21|EPI_ISL_460053|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-9968A4/2020|2020-08-29|EPI_ISL_549538|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1B2CF9/2020|2020-05-20|EPI_ISL_456720|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-C049E7/2020|2020-12-04|EPI_ISL_720816|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A78151/2020|2020-10-12|EPI_ISL_638145|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Singapore/1382/2020|2020-07-18|EPI_ISL_648736|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Canada/ON-S1427/2020|2020-08-24|EPI_ISL_591193|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/QEUA-96D949/2020|2020-08-20|EPI_ISL_534521|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11872/2020|2020-08-04|EPI_ISL_591879|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/MOW-RII-MH1988S/2020|2020-05-25|EPI_ISL_596332|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/PA-MGEL92/2020|2020-04-01|EPI_ISL_454374|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/Wales/PHWC-48B740/2020|2020-10-29|EPI_ISL_666276|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-98FD90/2020|2020-08-25|EPI_ISL_539941|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7195/2020|2020-07-11|EPI_ISL_564275|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20369/2020|2020-03-15|EPI_ISL_450580|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-9C4AD4/2020|2020-09-10|EPI_ISL_549360|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200706/2020|2020-06-26|EPI_ISL_631463|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMC-C3FAC2/2020|2020-12-10|EPI_ISL_719254|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0636/2020|2020-04-11|EPI_ISL_495308|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/EDB10890/2020|2020-12-10|EPI_ISL_742177|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Portugal/PT0378/2020|2020-03-20|EPI_ISL_454094|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-20068/2020|2020-12-07|EPI_ISL_747963|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S3/2020|2020-03-13|EPI_ISL_586390|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/LA-ALSR-0059-NBG/2020|2020-03-23|EPI_ISL_434518|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49EB4E/2020|2020-12-08|EPI_ISL_743098|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1118/2020|2020-05-04|EPI_ISL_463608|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-3943/2020|2020-09-14|EPI_ISL_615854|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-E9216/2020|2020-04-26|EPI_ISL_453583|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/HI-H200169/2020|2020-07-11|EPI_ISL_752730|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/NORT-2A4B1A/2020|2020-09-16|EPI_ISL_573396|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15126/2020|2020-10-16|EPI_ISL_786610|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10479/2020|2020-07-08|EPI_ISL_789493|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/Friesland_42/2020|2020-04-29|EPI_ISL_460857|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/New Zealand/20CV0594/2020|2020-11-20|EPI_ISL_661264|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-49FFAB/2020|2020-12-12|EPI_ISL_743378|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-D0388/2020|2020-05-02|EPI_ISL_457672|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-18/2020|2020-03-13|EPI_ISL_467916|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-276C5/2020|2020-03-31|EPI_ISL_432200|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-CB4F8A/2020|2020-12-17|EPI_ISL_761904|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-3929/2020|2020-09-30|EPI_ISL_636294|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMC-BBB898/2020|2020-11-21|EPI_ISL_702561|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BRIS-12218C/2020|2020-03-23|EPI_ISL_439978|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-C579F4/2020|2020-12-12|EPI_ISL_736343|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B302D9/2020|2020-11-04|EPI_ISL_659795|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-73IRL14028/2020|2020-09-16|EPI_ISL_578259|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/QEUEH-A21861/2020|2020-10-01|EPI_ISL_598909|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB23F/2020|2020-03-24|EPI_ISL_448952|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUEH-A5E69E/2020|2020-10-12|EPI_ISL_597260|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18393/2020|2020-11-18|EPI_ISL_784741|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CD437/2020|2020-09-16|EPI_ISL_566197|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0264/2020|2020-03-23|EPI_ISL_438093|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Australia/VIC8977/2020|2020-07-28|EPI_ISL_565327|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-954AAC/2020|2020-06-11|EPI_ISL_553454|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13675/2020|2020-08-20|EPI_ISL_788772|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MGH-00240/2020|2020-04-04|EPI_ISL_460405|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Luxembourg/LNS3352091/2020|2020-11-02|EPI_ISL_740295|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/GE-SNRCI-8820/2020|2020-03-00|EPI_ISL_548232|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/LIVE-DCOB2C/2020|2020-11-04|EPI_ISL_705198|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/EDB4432/2020|2020-05-04|EPI_ISL_559975|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH117/2020|2020-09-20|EPI_ISL_755029|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/TX-DSHS-1117/2020|2020-06-21|EPI_ISL_615154|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Beijing/DT-travelFR01/2020|2020-03-21|EPI_ISL_452330|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/England/ALDP-AA215E/2020|2020-10-22|EPI_ISL_624486|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2011020331/2020|2020-11-01|EPI_ISL_710373|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Turkey/KU-044/2020|2020-05-17|EPI_ISL_495454|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/USA/CO-CSU-D1490-1/2020|2020-04-08|EPI_ISL_527439|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/WA-UW-22885/2020|2020-08-06|EPI_ISL_570729|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22036/2020|2020-09-01|EPI_ISL_577588|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/MILK-B85EB3/2020|2020-11-13|EPI_ISL_673899|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B13B2C/2020|2020-11-02|EPI_ISL_641611|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/336/2020|2020-03-14|EPI_ISL_417665|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Denmark/DCGC-6336/2020|2020-08-17|EPI_ISL_621193|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13330/2020|2020-08-24|EPI_ISL_788478|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B95FCC/2020|2020-11-13|EPI_ISL_676283|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-51856B/2020|2020-06-10|EPI_ISL_558923|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A707DF/2020|2020-10-15|EPI_ISL_608097|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K000567/2020|2020-07-13|EPI_ISL_509224|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-1772/2020|2020-04-00|EPI_ISL_685378|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/APU-UniMI-5436/2020|2020-04-11|EPI_ISL_525568|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics)|Chiara|Italy

>Spike|hCoV-19/USA/HI-H200309/2020|2020-08-12|EPI_ISL_752868|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-BAB28E/2020|2020-11-18|EPI_ISL_681369|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95A7AF/2020|2020-06-13|EPI_ISL_554910|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C801BE/2020|2020-12-16|EPI_ISL_756879|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033903914/2020|2020-04-10|EPI_ISL_578153|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Australia/WA170/2020|2020-04-07|EPI_ISL_596733|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/BRIS-123C3F/2020|2020-04-07|EPI_ISL_442779|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/BW-UKT-046/2020|2020-03-30|EPI_ISL_581463|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|Medizinische Klinik Innere Medizin I|NGS Competence Center T\u00fcbingen|Angelov|Germany

>Spike|hCoV-19/England/CAMB-1AC1C6/2020|2020-04-28|EPI_ISL_444381|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-71B27/2020|2020-04-01|EPI_ISL_439620|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3564/2020|2020-08-31|EPI_ISL_616359|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-PV09186/2020|2020-03-20|EPI_ISL_422543|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/UT-UPHL-2012790266/2020|2020-06-18|EPI_ISL_746382|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Denmark/DCGC-19360/2020|2020-12-07|EPI_ISL_748904|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/GJ-GBRC165/2020|2020-05-27|EPI_ISL_461500|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUEH-9B4E26/2020|2020-09-04|EPI_ISL_590178|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10213/2020|2020-07-07|EPI_ISL_789372|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9C7C17/2020|2020-09-12|EPI_ISL_567092|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10F8F9/2020|2020-04-04|EPI_ISL_433058|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42199797/2020|2020-03-20|EPI_ISL_528251|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MA-MGH-03384/2020|2020-11-10|EPI_ISL_765811|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Germany/NW-HHU-58/2020|2020-03-27|EPI_ISL_523929|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Poland/PL_P23/2020|2020-03-29|EPI_ISL_451984|Original|hCoV-19^^Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/England/ALDP-9C58F7/2020|2020-09-11|EPI_ISL_567677|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5274/2020|2020-08-00|EPI_ISL_690377|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1905/2020|2020-05-25|EPI_ISL_622495|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-A5E643/2020|2020-10-11|EPI_ISL_609178|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2624/2021|2021-01-02|EPI_ISL_791141|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Wales/PHWC-2BEC9/2020|2020-04-10|EPI_ISL_445864|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-192895-01/2020|2020-07-06|EPI_ISL_677669|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-A2E59A/2020|2020-10-05|EPI_ISL_586791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-59/2020|2020-04-20|EPI_ISL_530062|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Denmark/DCGC-17769/2020|2020-12-14|EPI_ISL_749557|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL710/2020|2020-07-15|EPI_ISL_653402|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Guadeloupe/IPG-7344/2020|2020-03-26|EPI_ISL_613442|Original|hCoV-19^^Saint-Fran\u00e7ois|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spike|hCoV-19/Spain/PV-IBV-000698/2020|2020-03-05|EPI_ISL_452766|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-C49852/2020|2020-12-12|EPI_ISL_718707|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B9D1D/2020|2020-11-06|EPI_ISL_651553|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009282/2020|2020-05-14|EPI_ISL_525263|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4A5009/2020|2020-12-13|EPI_ISL_764810|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-5EC3C/2020|2020-04-28|EPI_ISL_447935|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-B398ED/2020|2020-11-02|EPI_ISL_651056|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/GE-ETHZ-360077/2020|2020-11-09|EPI_ISL_693890|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/South Africa/KRISP-K002759/2020|2020-08-15|EPI_ISL_529755|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-A6B86B/2020|2020-10-10|EPI_ISL_709945|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0058/2020|2020-05-20|EPI_ISL_511813|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Hong Kong/HKU-200723-037/2020|2020-03-25|EPI_ISL_497804|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/USA/LA-EVTL1418/2020|2020-12-14|EPI_ISL_779084|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Canada/BC-BCCDC-6420/2020|2020-10-00|EPI_ISL_740574|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/South Africa/NHLs-UCT-GS-2215/2020|2020-08-05|EPI_ISL_700534|Original|hCoV-19^^Western Cape|Human|Groote Schuur Hospital w GSH|NHLs/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/AZ-TG519187/2020|2020-07-01|EPI_ISL_695367|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-5689/2020|2020-05-00|EPI_ISL_688813|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AN-ISCI-201623/2020|2020-03-05|EPI_ISL_455322|Original|hCoV-19^^Andalucia|Human|Hospital Virgen de las Nieves|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Spain/CT-ISCI-2013592/2020|2020-06-11|EPI_ISL_539544|Original|hCoV-19^^Catalunya|Human|Hospital Cl\u00e9nico|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/QEUH-BA2A61/2020|2020-11-18|EPI_ISL_672782|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL587/2020|2020-06-22|EPI_ISL_512152|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/USA/UT-UPHL-2012988511/2020|2020-08-04|EPI_ISL_746077|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/VA-DCLS-1821/2020|2020-09-22|EPI_ISL_614140|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-9ED71A/2020|2020-05-09|EPI_ISL_580825|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0665/2020|2020-05-15|EPI_ISL_698819|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMB-1B71B9/2020|2020-10-13|EPI_ISL_638309|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Singapore/418/2020|2020-03-18|EPI_ISL_475949|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-A68BFC/2020|2020-10-12|EPI_ISL_608587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-52165D/2020|2020-06-02|EPI_ISL_559060|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4627/2020|2020-07-12|EPI_ISL_519020|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-201118084/2020|2020-06-21|EPI_ISL_640300|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-81113/2020|2020-04-19|EPI_ISL_438569|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25ABC/2020|2020-03-24|EPI_ISL_422053|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10768/2020|2020-11-02|EPI_ISL_644614|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-1634/2020|2020-09-09|EPI_ISL_605508|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Portugal/PT1576/2020|2020-06-29|EPI_ISL_693584|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NM-NMDOH-2020126501/2020|2020-06-15|EPI_ISL_535269|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/WA-S2082/2020|2020-06-06|EPI_ISL_497510|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-48D7B7/2020|2020-11-07|EPI_ISL_680678|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5922/2020|2020-10-05|EPI_ISL_620187|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9DCE64/2020|2020-09-21|EPI_ISL_599518|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3303/2020|2020-07-07|EPI_ISL_520982|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-7683/2020|2020-08-00|EPI_ISL_686785|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-990EE4/2020|2020-08-27|EPI_ISL_551915|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Oman/11374/2020|2020-04-07|EPI_ISL_491155|Original|hCoV-19^^South Batinah|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/USA/HI-H200673/2020|2020-11-25|EPI_ISL_753196|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Australia/VIC16986/2020|2020-08-17|EPI_ISL_663672|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-GA36/2020|2020-06-20|EPI_ISL_508230|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Luxembourg/LNS0988203/2020|2020-10-20|EPI_ISL_739868|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-9D4901/2020|2020-09-19|EPI_ISL_601644|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10022/2020|2020-07-06|EPI_ISL_789289|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A004A/2020|2020-11-30|EPI_ISL_743387|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Norway/4018/2020|2020-09-21|EPI_ISL_590969|original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Israel/CVL-70-ngs/2020|2020-12-24|EPI_ISL_776644|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/ALDP-B5D5BF/2020|2020-11-10|EPI_ISL_702971|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-531/2020|2020-08-25|EPI_ISL_700177|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/CA-CHLA-PLM87208720/2020|2020-11-03|EPI_ISL_753276|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/LOND-DA324/2020|2020-11-16|EPI_ISL_724619|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005046/2020|2020-04-21|EPI_ISL_500341|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Belgium/ULG-10416/2020|2020-08-14|EPI_ISL_581598|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MI-UM-10036188357/2020|2020-09-29|EPI_ISL_590735|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/BIRM-5F916/2020|2020-05-22|EPI_ISL_473350|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7318/2020|2020-10-00|EPI_ISL_740681|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/Australia/VIC2636/2020|2020-06-28|EPI_ISL_521482|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-492272/2020|2020-11-17|EPI_ISL_706833|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2DB4/2020|2020-10-22|EPI_ISL_624325|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/6A962SIIC/2020|2020-04-06|EPI_ISL_481712|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/PORT-2D320E/2020|2020-04-09|EPI_ISL_628316|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC189/2020|2020-06-02|EPI_ISL_469032|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-CZB0719/2020|2020-03-31|EPI_ISL_429072|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0170/2020|2020-10-14|EPI_ISL_729877|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Belgium/ULG-10573/2020|2020-10-23|EPI_ISL_626274|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-ALSR-0767-IPL/2020|2020-04-12|EPI_ISL_483346|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-128441/2020|2020-04-16|EPI_ISL_469537|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D44AF/2020|2020-04-08|EPI_ISL_444127|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-7EFB5/2020|2020-04-08|EPI_ISL_442930|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2203/2020|2020-03-25|EPI_ISL_426111|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WI-WSLH-200036/2020|2020-03-27|EPI_ISL_471201|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/C200044569/2020|2020-11-06|EPI_ISL_664038|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Canada/ON-E65/2020|2020-06-07|EPI_ISL_593538|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Mexico/CMX-INMEGEN-15/2020|2020-08-06|EPI_ISL_522980|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Medicina Gen\u00f3mica|Instituto Nacional de Medicina Gen\u00f3mica|Hidalgo|Mexico

>Spike|hCoV-19/USA/ME-HETL-J0357/2020|2020-11-24|EPI_ISL_755480|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Italy/BAS-IZSPB-372PT/2020|2020-10-28|EPI_ISL_722905|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Denmark/DCGC-16629/2020|2020-11-16|EPI_ISL_714299|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1959/2020|2020-04-13|EPI_ISL_653112|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/LA-EVTL137/2020|2020-03-28|EPI_ISL_455980|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Singapore/1038/2020|2020-03-22|EPI_ISL_574523|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUH-BCE4F8/2020|2020-11-26|EPI_ISL_704368|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169B6D/2020|2020-08-03|EPI_ISL_517596|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1993/2020|2020-10-21|EPI_ISL_624047|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2957/2020|2020-00-00|EPI_ISL_579376|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUH-B14587/2020|2020-11-03|EPI_ISL_642685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-56A4E5/2020|2020-06-10|EPI_ISL_558250|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW99/2020|2020-03-25|EPI_ISL_427777|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/LA-GBCL-26556517/2020|2020-04-16|EPI_ISL_485164|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/LIVE-DCB7D2/2020|2020-11-24|EPI_ISL_724428|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486E6E/2020|2020-10-28|EPI_ISL_639139|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16731/2020|2020-10-19|EPI_ISL_714443|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AC7690/2020|2020-10-21|EPI_ISL_630247|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21001/2020|2020-06-11|EPI_ISL_507787|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Brazil/RJ-00303/2020|2020-04-24|EPI_ISL_623106|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Wales/PHWC-36D37/2020|2020-05-03|EPI_ISL_474796|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-808AF3/2020|2020-07-16|EPI_ISL_557333|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-683/2020|2020-06-26|EPI_ISL_491364|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NM-NMDOH-2020242037/2020|2020-07-22|EPI_ISL_510885|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Israel/51146355/2020|2020-04-04|EPI_ISL_447315|Original|hCoV-19^^South District|Human|Clinical Virology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/ALDP-505DF0/2020|2020-06-25|EPI_ISL_559251|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3237/2020|2020-08-31|EPI_ISL_616897|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94F94D/2020|2020-06-15|EPI_ISL_555262|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0034/2020|2020-06-17|EPI_ISL_540934|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/ALDP-9ECF6E/2020|2020-05-05|EPI_ISL_589360|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0352/2020|2020-05-15|EPI_ISL_698527|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-A85EA5/2020|2020-10-17|EPI_ISL_610585|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-20-21/2020|2020-07-09|EPI_ISL_523054|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A6598C/2020|2020-10-11|EPI_ISL_608456|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99386B/2020|2020-08-26|EPI_ISL_552323|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7497/2020|2020-07-23|EPI_ISL_564450|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-10966E/2020|2020-10-22|EPI_ISL_680211|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-94EFD3/2020|2020-06-19|EPI_ISL_556332|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F3D8/2020|2020-10-05|EPI_ISL_585959|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E5DA/2020|2020-10-15|EPI_ISL_607030|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ukraine/Kyiv-785/2020|2020-08-03|EPI_ISL_576148|Original|hCoV-19^^Kyiv|Human|Department of Respiratory & Other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine|Department of Respiratory & Other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine|Mironenko|Ukraine

>Spike|hCoV-19/USA/VA-DCLS-1023/2020|2020-06-03|EPI_ISL_526913|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/NY-SURV0331/2020|2020-03-09|EPI_ISL_436062|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-94E6A1/2020|2020-06-22|EPI_ISL_555487|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15849/2020|2020-07-10|EPI_ISL_785533|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7AF82/2020|2020-10-14|EPI_ISL_607535|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-42237708/2020|2020-04-19|EPI_ISL_581714|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/CAMC-B5281B/2020|2020-11-08|EPI_ISL_657637|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493BD0/2020|2020-11-16|EPI_ISL_725995|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-65DB2B/2020|2020-07-03|EPI_ISL_555634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21415/2020|2020-03-21|EPI_ISL_507669|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NORT-292BD3/2020|2020-05-27|EPI_ISL_472280|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-38057-01/2020|2020-04-07|EPI_ISL_676711|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Portugal/PT1401/2020|2020-03-29|EPI_ISL_511360|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Portugal/PT0081/2020|2020-03-19|EPI_ISL_421484|Original|hCoV-19^^Portugal|Human|CH VN Gaia - Espinho|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-DSHS-1889/2020|2020-07-08|EPI_ISL_751540|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-6548/2020|2020-10-05|EPI_ISL_619448|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/OCC-SC516/2020|2020-04-29|EPI_ISL_644696|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/MILK-9C44E5/2020|2020-09-09|EPI_ISL_566800|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8781/2020|2020-10-26|EPI_ISL_626045|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/MOW-RII-MH1679V/2020|2020-09-06|EPI_ISL_733393|Vero|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUH-AF0DA8/2020|2020-10-29|EPI_ISL_666005|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-5540/2020|2020-08-00|EPI_ISL_688665|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-CF987F/2020|2020-12-18|EPI_ISL_781471|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-GCID-192000254/2020|2020-04-07|EPI_ISL_501171|Original|hCoV-19^^Texas|Human|Baylor College of Medicine|Baylor College of Medicine|Skinner|USA

>Spike|hCoV-19/United Arab Emirates/0101/2020|2020-05-19|EPI_ISL_698291|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/QEUH-A20E60/2020|2020-10-01|EPI_ISL_599022|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-65/2020|2020-06-19|EPI_ISL_603172|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/England/ALDP-A864A2/2020|2020-10-17|EPI_ISL_605965|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7CF4E/2020|2020-04-05|EPI_ISL_442256|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC12152/2020|2020-07-25|EPI_ISL_641063|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0195/2020|2020-03-29|EPI_ISL_453911|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Mexico/BCN-ALSR-1715/2020|2020-04-29|EPI_ISL_496376|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr55/2020|2020-04-09|EPI_ISL_541866|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/South Africa/R13561-20/2020|2020-07-13|EPI_ISL_622903|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National

Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/Belgium/ULG-10724/2020|2020-09-15|EPI_ISL_641566|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/England/ALDP-744449/2020|2020-06-29|EPI_ISL_557485|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/69/2020|2020-04-15|EPI_ISL_428848|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/USA/TX-DSHS-1619/2020|2020-10-14|EPI_ISL_700710|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Brazil/SP-626/2020|2020-03-24|EPI_ISL_515529|Original|hCoV-19^^S\u00e3o Paulo|Human|Pronto Socorro Municipal Julio Tupy|Instituto Adolfo Lutz|Sacchi|Brazil
>Spike|hCoV-19/England/SHEF-C02CA/2020|2020-03-27|EPI_ISL_420180|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom
>Spike|hCoV-19/Japan/PG-1746/2020|2020-05-00|EPI_ISL_685352|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/France/ARA-11228/2020|2020-03-18|EPI_ISL_525542|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Spike|hCoV-19/USA/CA-CZB-1861/2020|2020-04-28|EPI_ISL_486167|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA
>Spike|hCoV-19/USA/WI-UW-586/2020|2020-06-19|EPI_ISL_484961|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Scotland/EDB4708/2020|2020-04-27|EPI_ISL_449324|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14826/2020|2020-11-19|EPI_ISL_739405|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/CAMB-76DB3/2020|2020-03-31|EPI_ISL_425428|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/England/SHEF-C3959/2020|2020-04-02|EPI_ISL_432778|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-1933/2020|2020-09-28|EPI_ISL_644924|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/USA/MI-UM-10035869177/2020|2020-09-09|EPI_ISL_583340|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/England/CAMC-B513DF/2020|2020-11-08|EPI_ISL_657771|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS5351629/2020|2020-12-29|EPI_ISL_771099|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/TX-HMH-MCoV-18627/2020|2020-11-19|EPI_ISL_784975|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/CVR3426/2020|2020-05-07|EPI_ISL_456847|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-1B97E2/2020|2020-11-04|EPI_ISL_664945|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-B04EE9/2020|2020-10-24|EPI_ISL_650630|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42192884/2020|2020-03-16|EPI_ISL_528133|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Australia/VIC6920/2020|2020-07-21|EPI_ISL_564140|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-10EA8B/2020|2020-03-29|EPI_ISL_425633|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/AK-PHL549/2020|2020-06-20|EPI_ISL_525759|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/Japan/PG-3690/2020|2020-04-00|EPI_ISL_691943|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/OR-ILSCV32652/2020|2020-06-03|EPI_ISL_481160|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/WA-S1804/2020|2020-06-02|EPI_ISL_496230|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MN-MDH-1543/2020|2020-08-03|EPI_ISL_527608|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-C836DA/2020|2020-12-17|EPI_ISL_762580|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009490/2020|2020-07-19|EPI_ISL_605174|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MI-QDX-612/2020|2020-03-18|EPI_ISL_571341|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/EXET-13E90D/2020|2020-12-13|EPI_ISL_764178|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-200033/2020|2020-07-15|EPI_ISL_510722|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS7643605/2020|2020-10-26|EPI_ISL_744607|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/LEED-2A83E1/2020|2020-03-30|EPI_ISL_538995|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB3835/2020|2020-12-20|EPI_ISL_761235|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/LU-ETHZ-350450/2020|2020-11-04|EPI_ISL_729257|Original|hCoV-19^^Lucerne|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-18649/2020|2020-12-07|EPI_ISL_750102|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-496760/2020|2020-11-20|EPI_ISL_726631|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-484/2020|2020-02-27|EPI_ISL_457749|Vero E6|hCoV-19^^Abruzzo|Human|Department of Infectious Diseases|Army Medical and Veterinary Research Center|Lista|Italy

>Spike|hCoV-19/Wales/PHWC-2B737/2020|2020-04-13|EPI_ISL_445754|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1977/2020|2020-03-24|EPI_ISL_424337|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-9E8991/2020|2020-09-24|EPI_ISL_638270|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/DC-BBI2/2020|2020-10-14|EPI_ISL_605791|Original|hCoV-19^^District of Columbia|Human|Brotman Baty Institute for Precision Medicine|Brotman Baty Institute for Precision Medicine|Bedford|USA

>Spike|hCoV-19/England/SHEF-C039A/2020|2020-03-28|EPI_ISL_420195|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13299/2020|2020-11-30|EPI_ISL_712718|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6207/2020|2020-10-05|EPI_ISL_620110|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20138080104/2020|2020-03-26|EPI_ISL_423325|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2171/2020|2020-11-06|EPI_ISL_677200|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/BRIS-123394/2020|2020-04-06|EPI_ISL_442746|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FAF2A/2020|2020-04-14|EPI_ISL_470024|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5860/2020|2020-07-18|EPI_ISL_518653|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/SAP063/2020|2020-03-28|EPI_ISL_451102|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/DRC/191/2020|2020-03-21|EPI_ISL_417955|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/France/ARA78036/2020|2020-09-25|EPI_ISL_639995|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/WA-UW-1805/2020|2020-03-22|EPI_ISL_424264|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/201140309/2020|2020-03-11|EPI_ISL_464721|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-108D00/2020|2020-10-09|EPI_ISL_627554|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FA5F/2020|2020-12-09|EPI_ISL_743310|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-1D28FF/2020|2020-08-28|EPI_ISL_534747|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-9CA564/2020|2020-09-09|EPI_ISL_567446|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21354/2020|2020-12-21|EPI_ISL_759697|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-1183/2020|2020-04-01|EPI_ISL_542571|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15041/2020|2020-10-15|EPI_ISL_786525|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-11541/2020|2020-11-02|EPI_ISL_670519|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22186/2020|2020-10-20|EPI_ISL_614237|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/WA-S2159/2020|2020-06-08|EPI_ISL_497587|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/South Korea/KDCA0293/2020|2020-10-26|EPI_ISL_760087|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-9BEDD4/2020|2020-09-10|EPI_ISL_568020|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5545/2020|2020-08-00|EPI_ISL_688670|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-ADD95/2020|2020-00-00|EPI_ISL_448635|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1021-IPL/2020|2020-04-23|EPI_ISL_483467|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49919C/2020|2020-12-02|EPI_ISL_727266|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487EE5/2020|2020-10-31|EPI_ISL_639322|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1770/2020|2020-03-19|EPI_ISL_776144|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WA-S2020/2020|2020-06-05|EPI_ISL_497448|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-S347/2020|2020-04-01|EPI_ISL_434107|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/C200044549/2020|2020-11-06|EPI_ISL_664033|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483A30/2020|2020-10-06|EPI_ISL_626875|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/TKYT22342/2020|2020-07-00|EPI_ISL_649126|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Ryota|Japan

>Spike|hCoV-19/Netherlands/ZH-EMC-296/2020|2020-07-03|EPI_ISL_523638|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S679/2020|2020-04-07|EPI_ISL_449849|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A6E73E/2020|2020-10-15|EPI_ISL_607953|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4FF659/2020|2020-06-23|EPI_ISL_559138|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3450/2020|2020-08-31|EPI_ISL_616214|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9DAB41/2020|2020-09-22|EPI_ISL_601144|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15984/2020|2020-10-09|EPI_ISL_641104|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B08A87/2020|2020-10-29|EPI_ISL_643902|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-160008/2020|2020-06-19|EPI_ISL_486505|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/EDB4727/2020|2020-04-28|EPI_ISL_487659|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2125/2020|2020-05-00|EPI_ISL_685730|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/VC-FISABIO-3/2020|2020-03-05|EPI_ISL_414598|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio Microbiologia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health.|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Germany/SN-RKI-NP-0028/2020|2020-12-08|EPI_ISL_763018|Original|hCoV-19^^Saxony|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/England/LIVE-DC2D06/2020|2020-11-24|EPI_ISL_702894|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR3233/2020|2020-04-26|EPI_ISL_449243|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18685/2020|2020-12-07|EPI_ISL_750123|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16540/2020|2020-11-16|EPI_ISL_714825|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-96D79A/2020|2020-08-20|EPI_ISL_534635|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-812D4/2020|2020-04-11|EPI_ISL_442986|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14858/2020|2020-11-23|EPI_ISL_712032|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-1811/2020|2020-04-01|EPI_ISL_508962|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-8147/2020|2020-10-26|EPI_ISL_617215|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6EADB/2020|2020-10-15|EPI_ISL_606952|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1498/2020|2020-05-08|EPI_ISL_458556|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/NC-IBV-001403/2020|2020-03-19|EPI_ISL_452498|Original|hCoV-19^^Navarra|Human|Cl\u00e9nica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00e9nica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMB-84BB8/2020|2020-03-11|EPI_ISL_440485|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012307/2020|2020-11-14|EPI_ISL_779970|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUIH-997CC5/2020|2020-08-25|EPI_ISL_559760|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUIH-CDF7FA/2020|2020-12-26|EPI_ISL_782446|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-095/2020|2020-04-08|EPI_ISL_428398|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/IL-NM-0487/2020|2020-04-23|EPI_ISL_626427|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Australia/VIC7518/2020|2020-00-00|EPI_ISL_564464|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS7342327/2020|2020-05-12|EPI_ISL_459905|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-A6B573/2020|2020-10-09|EPI_ISL_608782|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-48/2020|2020-03-25|EPI_ISL_421306|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/QEUIH-5F6624/2020|2020-06-25|EPI_ISL_533271|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4878D8/2020|2020-10-28|EPI_ISL_639250|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Finland/S8AC11/2020|2020-10-10|EPI_ISL_737056|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Luxembourg/LNS4260242/2020|2020-11-21|EPI_ISL_740439|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-12921/2020|2020-12-07|EPI_ISL_712464|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/QLD1012/2020|2020-03-26|EPI_ISL_530272|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Denmark/DCGC-16128/2020|2020-11-16|EPI_ISL_714599|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-483D73/2020|2020-10-21|EPI_ISL_627927|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10210/2020|2020-11-09|EPI_ISL_669457|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94DF01/2020|2020-06-17|EPI_ISL_555305|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11735/2020|2020-07-23|EPI_ISL_563476|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC16840/2020|2020-08-06|EPI_ISL_663599|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9BA2F7/2020|2020-09-07|EPI_ISL_573587|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-832/2020|2020-03-30|EPI_ISL_444928|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-A7CE0B/2020|2020-10-13|EPI_ISL_606801|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C897/2020|2020-11-06|EPI_ISL_665464|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E227E/2020|2020-09-20|EPI_ISL_581225|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003478/2020|2020-09-12|EPI_ISL_602810|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/WA-UW-5629/2020|2020-04-08|EPI_ISL_430912|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Chile/RM-CMM-IN233883987/2020|2020-08-24|EPI_ISL_591531|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Laboratorio de Infectologia y virologia molecular|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\|Chile

>Spike|hCoV-19/Wales/ALDP-C39D56/2020|2020-12-09|EPI_ISL_767207|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-949C68/2020|2020-07-19|EPI_ISL_556750|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006187/2020|2020-04-13|EPI_ISL_537333|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/AZ-TG305912/2020|2020-04-29|EPI_ISL_694296|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-A8EF9A/2020|2020-10-16|EPI_ISL_650247|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-157/2020|2020-06-04|EPI_ISL_699813|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Netherlands/ZH-EMC-652/2020|2020-09-28|EPI_ISL_632494|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B98794/2020|2020-11-15|EPI_ISL_673788|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1841/2020|2020-05-18|EPI_ISL_512204|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-4896DC/2020|2020-11-02|EPI_ISL_639606|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr25/2020|2020-04-06|EPI_ISL_541852|Original|hCoV-19^^Alytaus apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Denmark/DCGC-14769/2020|2020-11-23|EPI_ISL_711966|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/205260457/2020|2020-12-18|EPI_ISL_754381|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001228/2020|2020-11-05|EPI_ISL_683891|Original|hCoV-19^^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CA-CZB-13425/2020|2020-09-03|EPI_ISL_672469|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21245/2020|2020-04-04|EPI_ISL_507500|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-A40E4C/2020|2020-10-06|EPI_ISL_609530|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9648BE/2020|2020-08-11|EPI_ISL_536938|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51952/2020|2020-06-05|EPI_ISL_560974|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-C5B750/2020|2020-12-14|EPI_ISL_736057|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62942/2020|2020-11-09|EPI_ISL_656602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6059/2020|2020-07-26|EPI_ISL_518097|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7245/2020|2020-10-12|EPI_ISL_619224|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH955/2020|2020-05-12|EPI_ISL_513205|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Canada/BC_0554880/2020|2020-03-13|EPI_ISL_418817|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/ALDP-BB3D64/2020|2020-11-20|EPI_ISL_701798|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7025344/2020|2020-10-15|EPI_ISL_744495|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-162A67/2020|2020-05-13|EPI_ISL_473155|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-03002/2020|2020-05-01|EPI_ISL_513700|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-493/2020|2020-04-07|EPI_ISL_544410|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16807/2020|2020-12-14|EPI_ISL_750575|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Palestine/52/2020|2020-08-19|EPI_ISL_596536|Original|hCoV-19^^Ramallah|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/USA/TX-DSHS-0380/2020|2020-06-14|EPI_ISL_538316|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-94E2E9/2020|2020-06-19|EPI_ISL_555746|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG371276/2020|2020-05-15|EPI_ISL_694535|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/EDB11046/2020|2020-12-14|EPI_ISL_742196|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0424/2020|2020-11-03|EPI_ISL_666792|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/CAMB-77B21/2020|2020-04-01|EPI_ISL_439425|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-228/2020|2020-05-17|EPI_ISL_523570|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-MDH-1232/2020|2020-05-18|EPI_ISL_482953|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-16A601/2020|2020-09-08|EPI_ISL_540915|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-135/2020|2020-04-02|EPI_ISL_751432|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/BRIS-12BBFE/2020|2020-05-16|EPI_ISL_469371|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03434/2020|2020-04-20|EPI_ISL_498663|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/LIVE-9F77A/2020|2020-04-21|EPI_ISL_472012|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-4F5BAF/2020|2020-06-24|EPI_ISL_559190|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD304/2020|2020-10-02|EPI_ISL_587894|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14526/2020|2020-10-08|EPI_ISL_787811|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-22415/2020|2020-08-07|EPI_ISL_570591|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-21584/2020|2020-12-21|EPI_ISL_758249|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19611/2020|2020-12-07|EPI_ISL_749059|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/BARJ-CVASU-CTG-501/2020|2020-05-10|EPI_ISL_450339|Original|hCoV-19^^Chittagong|Human|Bangladesh Institute of Tropical & Infectious Diseases|Basic and Applied Research on Jute Project|Ahmed|Bangladesh

>Spike|hCoV-19/Japan/PG-4049/2020|2020-07-00|EPI_ISL_692290|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A95A08/2020|2020-10-19|EPI_ISL_624563|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D3C3/2020|2020-03-18|EPI_ISL_483952|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/LIVE-9996B/2020|2020-04-09|EPI_ISL_439778|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-76991/2020|2020-03-30|EPI_ISL_438424|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1074/2020|2020-04-24|EPI_ISL_526560|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14158/2020|2020-10-02|EPI_ISL_787443|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-EVTL717/2020|2020-07-14|EPI_ISL_653409|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-2544/2020|2020-05-00|EPI_ISL_690679|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A4191D/2020|2020-10-04|EPI_ISL_609476|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18710/2020|2020-12-07|EPI_ISL_750136|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR2572/2020|2020-04-16|EPI_ISL_473516|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/CAMC-9B1AAD/2020|2020-09-04|EPI_ISL_590173|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/ISR_NH_GD3_0726/2020|2020-07-26|EPI_ISL_594162|Original|hCoV-19^^Israel|Human|Israel Institute for Biological Research|Israel Institute for Biological Research|Zaide|Israel

>Spike|hCoV-19/Scotland/QEUIH-964308/2020|2020-08-12|EPI_ISL_534398|Original|hCoV-19^^Scotland|Human|NHSGGG West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204691279/2020|2020-11-13|EPI_ISL_686595|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/BIRM-67034/2020|2020-10-28|EPI_ISL_651605|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16975/2020|2020-12-14|EPI_ISL_750680|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/VC-IBV-98000396/2020|2020-03-23|EPI_ISL_539244|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-4505/2020|2020-11-02|EPI_ISL_666973|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-A40F3A/2020|2020-10-06|EPI_ISL_609525|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A658DA/2020|2020-10-11|EPI_ISL_608679|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12435/2020|2020-08-01|EPI_ISL_641042|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19143/2020|2020-12-07|EPI_ISL_748256|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B5BD7D/2020|2020-11-09|EPI_ISL_655848|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUIH-9634CA/2020|2020-08-11|EPI_ISL_531763|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3584/2020|2020-06-15|EPI_ISL_543041|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-1696/2020|2020-04-24|EPI_ISL_496357|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Wales/PHWC-3177A/2020|2020-04-13|EPI_ISL_446483|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUIH-AE49FE/2020|2020-10-27|EPI_ISL_633185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03104/2020|2020-05-05|EPI_ISL_576367|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00242573/2020|2020-03-29|EPI_ISL_536327|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/WI-UW-167/2020|2020-03-18|EPI_ISL_428263|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Moreno|USA
>Spike|hCoV-19/Brazil/RS-00644/2020|2020-11-25|EPI_ISL_779161|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil
>Spike|hCoV-19/Luxembourg/LNS6889202/2020|2020-06-26|EPI_ISL_744480|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Scotland/QEUIH-AD1499/2020|2020-10-27|EPI_ISL_649685|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-13480/2020|2020-11-30|EPI_ISL_712823|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/VIC9366/2020|2020-08-17|EPI_ISL_565523|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-18590/2020|2020-12-07|EPI_ISL_750065|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Brazil/RJ-1119/2020|2020-03-25|EPI_ISL_456077|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Laborat\u00f3rio Central de Sa\u00fade P\u00fablica Noel Nutels|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spike|hCoV-19/England/201140250/2020|2020-03-09|EPI_ISL_464715|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/LOND-DC3B9/2020|2020-10-26|EPI_ISL_651253|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-K000643/2020|2020-07-10|EPI_ISL_509292|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Denmark/DCGC-10184/2020|2020-11-09|EPI_ISL_669442|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Switzerland/AG-ETHZ-410275/2020|2020-12-15|EPI_ISL_737546|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Northern Ireland/QEUIH-96DD5C/2020|2020-08-20|EPI_ISL_530762|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Jordan/AM-ALSR-3909/2020|2020-09-30|EPI_ISL_636275|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/Denmark/DCGC-2018/2020|2020-07-06|EPI_ISL_618230|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Germany/BE-ChVir-D1914-8251/2020|2020-10-05|EPI_ISL_753862|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/France/ARA33273/2020|2020-05-02|EPI_ISL_636490|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Spike|hCoV-19/Spain/MD-IBV-97010077/2020|2020-03-17|EPI_ISL_779739|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/England/203020503/2020|2020-07-10|EPI_ISL_500709|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006179/2020|2020-04-10|EPI_ISL_537326|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Chile/RM-133147/2020|2020-07-25|EPI_ISL_746631|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/MILK-976910/2020|2020-08-18|EPI_ISL_552754|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DE11E/2020|2020-09-21|EPI_ISL_599506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1381/2020|2020-05-13|EPI_ISL_654746|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-798/2020|2020-04-20|EPI_ISL_614706|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR5784/2020|2020-11-10|EPI_ISL_666024|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-75E998/2020|2020-07-16|EPI_ISL_532981|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10514/2020|2020-11-02|EPI_ISL_670028|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-168409/2020|2020-04-01|EPI_ISL_494239|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94C8BC/2020|2020-06-16|EPI_ISL_555925|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-132CA6/2020|2020-06-15|EPI_ISL_511974|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/202822171/2020|2020-05-30|EPI_ISL_490228|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Africa/R12681-20/2020|2020-06-16|EPI_ISL_504222|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-1545/2020|2020-06-01|EPI_ISL_617966|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4419/2020|2020-08-00|EPI_ISL_692644|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0177/2020|2020-03-13|EPI_ISL_524058|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC8994/2020|2020-07-27|EPI_ISL_565344|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-1038/2020|2020-04-00|EPI_ISL_684648|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-99E235/2020|2020-08-31|EPI_ISL_550687|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B01EEC/2020|2020-10-24|EPI_ISL_642775|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW313/2020|2020-03-14|EPI_ISL_418880|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-A36A63/2020|2020-10-05|EPI_ISL_638690|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-260114/2020|2020-08-26|EPI_ISL_539423|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC787/2020|2020-03-30|EPI_ISL_427062|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/MA-MGH-00170/2020|2020-03-27|EPI_ISL_460283|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/NOTT-11F331/2020|2020-11-24|EPI_ISL_679963|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6358751/2020|2020-10-30|EPI_ISL_744402|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-4907EE/2020|2020-11-13|EPI_ISL_706513|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1117/2020|2020-03-20|EPI_ISL_571813|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15109/2020|2020-10-21|EPI_ISL_786593|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-A4B588/2020|2020-10-08|EPI_ISL_637841|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl299/2020|2020-03-19|EPI_ISL_775887|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/MN-QDX-1778/2020|2020-03-13|EPI_ISL_604090|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-Wadsworth-288188-01/2020|2020-12-15|EPI_ISL_767475|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-ALSR-0578-SAN/2020|2020-05-13|EPI_ISL_483234|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-B55AB8/2020|2020-11-05|EPI_ISL_657391|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EEB1/2020|2020-10-15|EPI_ISL_607220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1152/2020|2020-05-01|EPI_ISL_476737|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/ALDP-94E568/2020|2020-06-16|EPI_ISL_555392|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B939EE/2020|2020-11-13|EPI_ISL_676157|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20170041504/2020|2020-04-17|EPI_ISL_465293|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC697/2020|2020-03-28|EPI_ISL_426989|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3334/2020|2020-04-00|EPI_ISL_691449|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-13293/2020|2020-11-30|EPI_ISL_712713|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9E001C/2020|2020-09-21|EPI_ISL_576952|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD6379/2020|2020-10-24|EPI_ISL_629760|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1282/2020|2020-12-17|EPI_ISL_745106|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|CIDM-PH|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-3864/2020|2020-09-07|EPI_ISL_622741|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-WSLH-200607/2020|2020-08-18|EPI_ISL_631400|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/LA-QDX-1194/2020|2020-03-16|EPI_ISL_571940|Original|hCoV-19^^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/SO-ETHZ-380245/2020|2020-11-21|EPI_ISL_721874|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-947259/2020|2020-07-21|EPI_ISL_556574|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13887/2020|2020-08-17|EPI_ISL_787179|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-94B8EA/2020|2020-06-11|EPI_ISL_556391|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0594/2020|2020-04-03|EPI_ISL_454317|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-B783B4/2020|2020-11-11|EPI_ISL_661651|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH2010S/2020|2020-06-05|EPI_ISL_596351|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-5240/2020|2020-08-00|EPI_ISL_690343|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-BB1FF7/2020|2020-11-18|EPI_ISL_720427|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24F18/2020|2020-03-20|EPI_ISL_420927|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2016/2020|2020-09-28|EPI_ISL_654697|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/South Korea/KDCA0378/2020|2020-11-04|EPI_ISL_760162|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-B1CB7E/2020|2020-11-02|EPI_ISL_678831|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2382/2020|2020-05-31|EPI_ISL_514785|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-96F90B/2020|2020-08-17|EPI_ISL_540320|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3537/2020|2020-05-14|EPI_ISL_473674|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NOTT-10EAD6/2020|2020-03-30|EPI_ISL_425638|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Poland/Wro-02/2020|2020-03-18|EPI_ISL_437625|Original|hCoV-19^^Dolnoslaskie|Human|Laboratory of Genomics & Bioinformatics|Laboratory of Genomics & Bioinformatics|Laczanski|Poland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9982/2020|2020-07-06|EPI_ISL_780365|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B638CC/2020|2020-11-09|EPI_ISL_656426|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5862/2020|2020-09-28|EPI_ISL_621049|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21985/2020|2020-12-14|EPI_ISL_758493|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7BC66/2020|2020-04-04|EPI_ISL_442046|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-160/2020|2020-04-18|EPI_ISL_579530|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/210100343/2021|2021-01-04|EPI_ISL_791228|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-0423/2020|2020-04-02|EPI_ISL_480091|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9ED817/2020|2020-05-05|EPI_ISL_589285|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3181/2020|2020-04-06|EPI_ISL_488959|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1453/2020|2020-07-17|EPI_ISL_509205|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Hong Kong/VM20010007/2020|2020-04-07|EPI_ISL_444040|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Wales/PHWC-16F6C0/2020|2020-10-05|EPI_ISL_586006|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-0616834/2020|2020-06-16|EPI_ISL_734761|Original|hCoV-19^^Hulste|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-2383/2020|2020-05-25|EPI_ISL_545276|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-28AD50/2020|2020-04-15|EPI_ISL_492966|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-Yale-439/2020|2020-04-10|EPI_ISL_738257|Original|hCoV-19^^Massachusetts|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Brazil/CE-L13-CD207/2020|2020-03-16|EPI_ISL_476227|Original|hCoV-19^^Cear\u00e1|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Australia/VIC3552/2020|2020-07-08|EPI_ISL_520301|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9AB156/2020|2020-08-31|EPI_ISL_551076|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F7953/2020|2020-09-27|EPI_ISL_589165|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0EEC/2020|2020-11-17|EPI_ISL_720561|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-111014/2020|2020-11-23|EPI_ISL_728543|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-3611/2020|2020-09-07|EPI_ISL_616378|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20124095002/2020|2020-03-13|EPI_ISL_418727|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497732/2020|2020-11-21|EPI_ISL_726873|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4B263/2020|2020-10-08|EPI_ISL_638937|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9282/2020|2020-11-16|EPI_ISL_668886|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-4AC1E1/2020|2020-06-14|EPI_ISL_559551|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB83F5/2020|2020-10-21|EPI_ISL_623303|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003327/2020|2020-09-07|EPI_ISL_602720|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/France/PAC-IHU-0195/2020|2020-03-27|EPI_ISL_569362|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/South Korea/KDCA0313/2020|2020-10-29|EPI_ISL_760099|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/MA-MGH-00466/2020|2020-04-04|EPI_ISL_460176|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Denmark/DCGC-22247/2020|2020-12-14|EPI_ISL_758635|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Romania/Bucuresti-14658/2020|2020-04-17|EPI_ISL_468154|Original|hCoV-19^^Bucuresti|Human|[Romania|[Romania|Paraschiv|Romania

>Spike|hCoV-19/USA/NY-QDX-1225/2020|2020-03-17|EPI_ISL_572001|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/New Zealand/20VR1899/2020|2020-03-31|EPI_ISL_456300|Original|hCoV-19^^Waikato|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH521/2020|2020-04-06|EPI_ISL_513167|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Ireland/D-NVRL-20G44542/2020|2020-03-31|EPI_ISL_605084|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Crimea/RII-MH2937S/2020|2020-09-21|EPI_ISL_733078|Original|hCoV-19^^Alushta|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Crimea

>Spike|hCoV-19/England/BRIS-127B2F/2020|2020-04-17|EPI_ISL_469802|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1195/2020|2020-08-17|EPI_ISL_569082|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUH-B814C4/2020|2020-11-14|EPI_ISL_668231|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-067/2020|2020-05-06|EPI_ISL_699723|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-8558/2020|2020-08-00|EPI_ISL_686154|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9C3835/2020|2020-09-10|EPI_ISL_566704|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-SC539/2020|2020-03-28|EPI_ISL_660716|Original|hCoV-19^^Occitanie|Human|CHU N\u00eames|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-9E088D/2020|2020-09-20|EPI_ISL_601375|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-260131/2020|2020-08-25|EPI_ISL_539436|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-1566/2020|2020-04-05|EPI_ISL_468502|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Luxembourg/LNS7753431/2020|2020-03-12|EPI_ISL_419595|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Canada/MB-NML-620/2020|2020-04-03|EPI_ISL_632917|Original|hCoV-19^^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial laboratory|Majer|Canada

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr479/2020|2020-09-12|EPI_ISL_636906|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/ALDP-989D69/2020|2020-08-01|EPI_ISL_529271|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B8D6/2020|2020-11-08|EPI_ISL_655563|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B145C3/2020|2020-11-03|EPI_ISL_642633|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494182/2020|2020-11-16|EPI_ISL_726077|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0181/2020|2020-07-03|EPI_ISL_747414|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Canada/QC-LSPQ-L00235638/2020|2020-03-24|EPI_ISL_536103|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Gambia/NPHL-1208/2020|2020-06-30|EPI_ISL_561213|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/MILK-B39337/2020|2020-11-01|EPI_ISL_658903|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E717/2020|2020-06-18|EPI_ISL_555269|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12607C/2020|2020-04-09|EPI_ISL_458986|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC4592-CSIR-IGIB/2020|2020-05-23|EPI_ISL_482596|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/USA/WI-UW-1860/2020|2020-09-14|EPI_ISL_605732|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Brazil/RS-6242/2020|2020-05-31|EPI_ISL_729843|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/WI-UW-1505/2020|2020-09-14|EPI_ISL_541631|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC7036/2020|2020-07-14|EPI_ISL_564203|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MGH-00829/2020|2020-04-13|EPI_ISL_791785|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/ALDP-5C23DF/2020|2020-06-15|EPI_ISL_558851|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2465/2020|2020-05-29|EPI_ISL_545325|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9647DF/2020|2020-08-11|EPI_ISL_536854|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL732/2020|2020-07-16|EPI_ISL_653423|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WA-S706/2020|2020-04-08|EPI_ISL_449876|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Israel/CVL-45201/2020|2020-12-03|EPI_ISL_745040|Original|hCoV-19^^Haifa|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/BRIS-12ABE0/2020|2020-05-01|EPI_ISL_458331|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP309/2020|2020-03-27|EPI_ISL_483092|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Kenya/C1357/2020|2020-04-20|EPI_ISL_457858|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Japan/PG-4696/2020|2020-08-00|EPI_ISL_689833|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2D4917/2020|2020-10-13|EPI_ISL_611960|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1072/2020|2020-06-11|EPI_ISL_513089|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-B3BC3A/2020|2020-10-31|EPI_ISL_679797|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV0063v1/2020|2020-04-08|EPI_ISL_644303|Original|hCoV-19^^Wicklow|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/AZ-TG271922/2020|2020-03-26|EPI_ISL_426555|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/USA/WA-S2375/2020|2020-06-11|EPI_ISL_497007|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/NOTT-112143/2020|2020-06-18|EPI_ISL_484346|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15600/2020|2020-11-23|EPI_ISL_713179|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C149E4/2020|2020-12-06|EPI_ISL_709443|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL462/2020|2020-06-10|EPI_ISL_512140|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/Denmark/DCGC-17439/2020|2020-12-14|EPI_ISL_750983|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4842A0/2020|2020-10-18|EPI_ISL_627983|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B9304/2020|2020-09-07|EPI_ISL_549766|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrain/340864151_S32/2020|2020-10-14|EPI_ISL_632268|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Australia/VIC776/2020|2020-03-30|EPI_ISL_427051|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-3131C/2020|2020-04-10|EPI_ISL_446432|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000461/2020|2020-05-05|EPI_ISL_631932|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Finland/2A72SVIIIA/2020|2020-04-02|EPI_ISL_481653|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/CVR5292/2020|2020-10-21|EPI_ISL_650854|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/PORT-2D1E48/2020|2020-04-02|EPI_ISL_499285|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC14566/2020|2020-08-27|EPI_ISL_592897|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BB1CF0/2020|2020-11-17|EPI_ISL_731252|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-960BB9/2020|2020-08-04|EPI_ISL_532067|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4117/2020|2020-11-08|EPI_ISL_703530|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUIH-B69152/2020|2020-11-11|EPI_ISL_662039|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2132/2020|2020-04-12|EPI_ISL_468898|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/South Korea/KCDC2714/2020|2020-07-12|EPI_ISL_522493|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-A668AC/2020|2020-10-12|EPI_ISL_630561|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B23E7B/2020|2020-11-04|EPI_ISL_646252|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/2115964/2020|2020-04-16|EPI_ISL_447338|Original|hCoV-19^^Tel Aviv District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/CAMC-947F16/2020|2020-07-22|EPI_ISL_556915|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DAAC/2020|2020-12-08|EPI_ISL_742870|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11247/2020|2020-11-02|EPI_ISL_670792|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-12649/2020|2020-08-31|EPI_ISL_790442|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW370/2020|2020-03-26|EPI_ISL_451631|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-486059/2020|2020-10-26|EPI_ISL_628304|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-98002384/2020|2020-03-11|EPI_ISL_537873|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-B382E0/2020|2020-11-05|EPI_ISL_659073|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11914/2020|2020-08-02|EPI_ISL_591894|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B625D/2020|2020-09-16|EPI_ISL_572471|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORW-E80E0/2020|2020-04-08|EPI_ISL_449107|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-BB2907/2020|2020-11-19|EPI_ISL_703166|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AAD3E/2020|2020-07-29|EPI_ISL_540616|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC6766/2020|2020-07-26|EPI_ISL_562085|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/KRISP-K002839/2020|2020-09-01|EPI_ISL_602655|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B089B7/2020|2020-10-30|EPI_ISL_643549|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2B453/2020|2020-11-03|EPI_ISL_646604|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-295DCB/2020|2020-05-17|EPI_ISL_488723|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08407/2020|2020-05-20|EPI_ISL_524185|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Guadeloupe/IPG-7353/2020|2020-03-31|EPI_ISL_613445|Original|hCoV-19^^M\u00e9tropole|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spike|hCoV-19/USA/NY-NYCPHL-000609/2020|2020-03-11|EPI_ISL_632066|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MI-QDX-656/2020|2020-03-19|EPI_ISL_571379|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Hong Kong/HKU-IHCE0511-003a/2020|2020-01-27|EPI_ISL_538542|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Northern Ireland/NIRE-233336/2020|2020-09-24|EPI_ISL_680281|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Japan/PG-2221/2020|2020-04-00|EPI_ISL_685826|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-AC7EF2/2020|2020-10-22|EPI_ISL_629600|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036310581/2020|2020-10-06|EPI_ISL_596587|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/ALAB-SSI488/2020|2020-03-24|EPI_ISL_429565|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Sichuan/SC-WCH4-287/2020|2020-01-30|EPI_ISL_451389|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Denmark/DCGC-3029/2020|2020-08-24|EPI_ISL_616807|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7038/2020|2020-08-00|EPI_ISL_688143|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Hungary/UD-90512/2020|2020-10-04|EPI_ISL_671473|Original|hCoV-19^^Pest county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/WI-WSLH-200675/2020|2020-06-23|EPI_ISL_631433|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Wales/PHWC-47FE2C/2020|2020-10-04|EPI_ISL_612816|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94DA00/2020|2020-06-17|EPI_ISL_555309|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-73IRL62905/2020|2020-09-12|EPI_ISL_596893|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-CZB-5681/2020|2020-07-23|EPI_ISL_582973|Original|hCoV-19^^California|Human|San Luis Obispo Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Norway/5733/2020|2020-11-12|EPI_ISL_708152|Original|hCoV-19^^Innlandet|Human|Innlandet Hospital Trust|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/MILK-C5FFCD/2020|2020-12-13|EPI_ISL_769531|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-260084/2020|2020-08-25|EPI_ISL_539405|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-F562A/2020|2020-10-30|EPI_ISL_665887|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NOTT-11EC64/2020|2020-11-30|EPI_ISL_679945|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORW-21F761/2020|2020-12-08|EPI_ISL_725047|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00243875/2020|2020-03-31|EPI_ISL_536383|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-A2F951/2020|2020-10-05|EPI_ISL_587034|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20448/2020|2020-03-16|EPI_ISL_452322|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-1856/2020|2020-07-06|EPI_ISL_622569|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E6614/2020|2020-09-24|EPI_ISL_580295|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7D4AD/2020|2020-11-14|EPI_ISL_741866|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20001794/2020|2020-01-29|EPI_ISL_409001|Original|hCoV-19^^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Australia/VIC3306/2020|2020-07-07|EPI_ISL_520985|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW138/2020|2020-03-11|EPI_ISL_416676|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/NM-DOH-2020321223/2020|2020-09-03|EPI_ISL_575293|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/Wales/PHWC-4915A7/2020|2020-10-28|EPI_ISL_706668|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-11344-01/2020|2020-03-06|EPI_ISL_426045|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WA-UW-11761/2020|2020-06-24|EPI_ISL_570466|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NOTT-121830/2020|2020-12-21|EPI_ISL_764503|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-9569F8/2020|2020-06-07|EPI_ISL_554308|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1B5D/2020|2020-11-18|EPI_ISL_720552|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3627/2020|2020-04-00|EPI_ISL_691880|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1015/2020|2020-07-22|EPI_ISL_516441|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-CDPH155/2020|2020-09-15|EPI_ISL_754987|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/NY-PV08450/2020|2020-03-17|EPI_ISL_421401|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Iran/K1r-13/2020|2020-03-00|EPI_ISL_582024|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/Singapore/514/2020|2020-05-24|EPI_ISL_479592|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-3307/2020|2020-06-11|EPI_ISL_544119|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B3A72B/2020|2020-11-01|EPI_ISL_706030|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0509/2020|2020-07-27|EPI_ISL_756332|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Canada/ON-S341/2020|2020-03-29|EPI_ISL_755868|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Japan/PG-2228/2020|2020-04-00|EPI_ISL_685833|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9C70DF/2020|2020-09-08|EPI_ISL_573280|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMB-80D98/2020|2020-04-10|EPI_ISL_442937|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/HECH-259A158/2020|2020-05-18|EPI_ISL_488839|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6636E/2020|2020-11-10|EPI_ISL_661597|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/AMZ-UPCH-0269/2020|2020-10-01|EPI_ISL_729870|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/PORT-2D522A/2020|2020-00-00|EPI_ISL_741687|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF670/2020|2020-10-23|EPI_ISL_631123|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1086/2020|2020-07-25|EPI_ISL_516512|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CT-Yale-208/2020|2020-03-30|EPI_ISL_463146|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/201421117/2020|2020-03-30|EPI_ISL_465951|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B0A40F/2020|2020-10-29|EPI_ISL_673032|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW363/2020|2020-04-19|EPI_ISL_451624|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/FL-BPHL-1138/2020|2020-08-17|EPI_ISL_526624|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-S1714/2020|2020-06-01|EPI_ISL_496140|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC7982/2020|2020-08-13|EPI_ISL_564788|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/ULG-10849/2020|2020-10-29|EPI_ISL_666884|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-BBB6F8/2020|2020-11-22|EPI_ISL_703476|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-6045/2020|2020-07-00|EPI_ISL_689157|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12549F/2020|2020-03-26|EPI_ISL_443936|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14636/2020|2020-11-23|EPI_ISL_711884|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A66C19/2020|2020-10-12|EPI_ISL_630427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1602/2020|2020-04-01|EPI_ISL_468531|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/QEUEH-B7E07B/2020|2020-11-13|EPI_ISL_741935|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-CB1E0/2020|2020-04-08|EPI_ISL_442380|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-0628/2020|2020-04-00|EPI_ISL_684238|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-EB01A/2020|2020-04-30|EPI_ISL_457406|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/OXON-AEC79/2020|2020-04-08|EPI_ISL_448774|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/204691946/2020|2020-11-15|EPI_ISL_693452|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-296FA6/2020|2020-04-27|EPI_ISL_484282|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC1B5/2020|2020-11-23|EPI_ISL_724492|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20760/2020|2020-04-20|EPI_ISL_471781|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14796/2020|2020-10-13|EPI_ISL_786281|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0958/2020|2020-10-15|EPI_ISL_700519|Original|hCoV-19^^Western Cape|Human|Clinic-in-Asla|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/NM-DOH-2020643097/2020|2020-12-28|EPI_ISL_767087|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/CAMC-B513FD/2020|2020-11-08|EPI_ISL_657763|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1428/2020|2020-03-28|EPI_ISL_494596|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-0515/2020|2020-04-03|EPI_ISL_480173|Original|hCoV-19^^Kanto|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-956D38/2020|2020-06-10|EPI_ISL_554184|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-3045/2020|2020-09-30|EPI_ISL_667455|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-A5117C/2020|2020-10-07|EPI_ISL_598177|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1255/2020|2020-06-01|EPI_ISL_618018|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-001965/2020|2020-03-13|EPI_ISL_452416|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ellaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-B599C6/2020|2020-11-06|EPI_ISL_679894|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B4A40/2020|2020-09-03|EPI_ISL_590450|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2DE08/2020|2020-11-03|EPI_ISL_646396|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99007162/2020|2020-08-19|EPI_ISL_541932|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-3717/2020|2020-06-16|EPI_ISL_543134|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UN-PB-Wuhan-Hu-1-5/2020|2020-04-05|EPI_ISL_759864|Original|hCoV-19^^USA|Human|Molecular|Molecular|Papoutsis, A.J.|USA

>Spike|hCoV-19/England/MILK-B06D9F/2020|2020-10-29|EPI_ISL_652276|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_MH-32/2020|2020-07-11|EPI_ISL_774971|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/New Zealand/20VR2951/2020|2020-00-00|EPI_ISL_579371|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-AA125C/2020|2020-10-22|EPI_ISL_624040|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3607/2020|2020-04-27|EPI_ISL_491586|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205160993/2020|2020-12-17|EPI_ISL_766086|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-ACD73D/2020|2020-10-21|EPI_ISL_634302|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11029/2020|2020-11-02|EPI_ISL_670353|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-120004/2020|2020-04-17|EPI_ISL_468205|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-0258/2020|2020-03-24|EPI_ISL_479942|Original|hCoV-19^^Kanto|Human|Ibaraki Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1009/2020|2020-06-17|EPI_ISL_512880|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah

University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/Netherlands/NA_556/2020|2020-00-00|EPI_ISL_460722|Original|hCoV-
19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
Munnink|Netherlands
>Spike|hCoV-19/England/CAMC-B33E96/2020|2020-11-05|EPI_ISL_659257|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB3657/2020|2020-04-28|EPI_ISL_439308|Original|hCoV-
19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2009310/2020|2020-05-14|EPI_ISL_524916|Original|hCoV-
19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/TX-DSHS-1596/2020|2020-06-22|EPI_ISL_700717|Original|hCoV-
19^^Texas|Human|Texas Department of State Health Services|Texas Department of State
Health Services|Rahman|USA
>Spike|hCoV-19/Russia/StPetersburg-RII4694S/2020|2020-04-
07|EPI_ISL_427326|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza
Centre Russian Federation|WHO National Influenza Centre Russian
Federation|Komissarov|Russia
>Spike|hCoV-19/England/EXET-13A7E9/2020|2020-11-09|EPI_ISL_664153|Original|hCoV-
19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK)
Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Wales/MILK-9F0635/2020|2020-09-24|EPI_ISL_580712|Original|hCoV-
19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-BCBCB7/2020|2020-11-26|EPI_ISL_703948|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/NB-EMC-404/2020|2020-00-00|EPI_ISL_722481|Original|hCoV-
19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
Munnink|Netherlands
>Spike|hCoV-19/England/QEUH-9F6AE8/2020|2020-09-26|EPI_ISL_588288|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-2487/2020|2020-04-15|EPI_ISL_513881|Original|hCoV-
19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg
Biohub|Kamm|USA
>Spike|hCoV-19/USA/CA-ALSR-0482-SAN/2020|2020-04-01|EPI_ISL_483170|Original|hCoV-
19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen
lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/CAMC-B22B75/2020|2020-11-02|EPI_ISL_647421|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-22256/2020|2020-12-14|EPI_ISL_758639|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-B8427C/2020|2020-11-14|EPI_ISL_675343|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/WA79/2020|2020-07-13|EPI_ISL_512732|Original|hCoV-
19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory
Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
>Spike|hCoV-19/England/MILK-975D33/2020|2020-08-20|EPI_ISL_552772|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BE-ETHZ-270126/2020|2020-09-
03|EPI_ISL_541433|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems
Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/South Africa/KRISP-0259/2020|2020-06-15|EPI_ISL_482729|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUH-9D35A4/2020|2020-09-18|EPI_ISL_577340|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C7F1/2020|2020-11-18|EPI_ISL_742606|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8105/2020|2020-08-00|EPI_ISL_687204|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-9CA160/2020|2020-09-10|EPI_ISL_567454|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC167/2020|2020-04-01|EPI_ISL_426622|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/MILK-A6AC60/2020|2020-10-09|EPI_ISL_625417|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BF0D3E/2020|2020-12-04|EPI_ISL_709231|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1542/2020|2020-03-18|EPI_ISL_603790|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-CC5F86/2020|2020-12-21|EPI_ISL_760375|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129010104/2020|2020-03-20|EPI_ISL_423980|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0871/2020|2020-06-29|EPI_ISL_525917|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Scotland/CVR336/2020|2020-03-21|EPI_ISL_439055|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/GA-QDX-2259/2020|2020-03-13|EPI_ISL_604531|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-UW-MAYO55/2020|2020-03-27|EPI_ISL_500534|Original|hCoV-19^^California|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Thailand/Bangkok-CONI-0323/2020|2020-12-05|EPI_ISL_707710|Original|hCoV-19^^Bangkok|Human|Hospital for Tropical Diseases|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/France/PAC-IHU-1475/2020|2020-08-11|EPI_ISL_569175|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-B3C4B9/2020|2020-11-02|EPI_ISL_706149|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-951/2020|2020-03-26|EPI_ISL_579581|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/AZ-TG664535/2020|2020-04-20|EPI_ISL_696152|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Norway/5452/2020|2020-11-03|EPI_ISL_708096|Original|hCoV-19^^Norway|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/201120454/2020|2020-03-09|EPI_ISL_464675|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-AAC707/2020|2020-10-21|EPI_ISL_652869|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/LA-CDC-0499/2020|2020-03-10|EPI_ISL_452106|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-B1C473/2020|2020-11-01|EPI_ISL_646063|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-956A31/2020|2020-06-05|EPI_ISL_554191|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9E386C/2020|2020-09-23|EPI_ISL_585519|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/CVR3826/2020|2020-05-28|EPI_ISL_478152|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC2326/2020|2020-06-25|EPI_ISL_522047|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3134/2020|2020-07-04|EPI_ISL_520841|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1714/2020|2020-08-25|EPI_ISL_560801|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Scotland/QEUEH-9DAA44/2020|2020-09-22|EPI_ISL_575357|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08A69/2020|2020-10-30|EPI_ISL_643924|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/40227/2020|2020-08-00|EPI_ISL_759871|Original|hCoV-19^^Vietnam|Human|National Influenza Center|National Influenza Center|Ung|Vietnam

>Spike|hCoV-19/USA/TX-HMH-MCoV-16289/2020|2020-10-30|EPI_ISL_785973|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-2664/2020|2020-08-17|EPI_ISL_617884|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/GA-CDC-7731/2020|2020-10-27|EPI_ISL_681808|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Canada/ON-S267/2020|2020-03-27|EPI_ISL_755842|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUEH-BCE2D0/2020|2020-11-26|EPI_ISL_704345|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2E16/2020|2020-09-10|EPI_ISL_566513|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/MASRI-018/2020|2020-05-10|EPI_ISL_483036|Original|hCoV-19^^Cairo|Human|Medical Ain Shams Research Institute (MASRI) |Medical Ain Shams Research Institute (MASRI) |Moustafa|Egypt

>Spike|hCoV-19/England/QEUEH-A00631/2020|2020-10-01|EPI_ISL_600283|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12318/2020|2020-09-25|EPI_ISL_790298|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-1033/2020|2020-03-31|EPI_ISL_437629|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/NORT-29D516/2020|2020-05-08|EPI_ISL_484297|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/BRIS-12A236/2020|2020-04-16|EPI_ISL_458395|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1550/2020|2020-04-13|EPI_ISL_618655|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A82CBD/2020|2020-10-13|EPI_ISL_610677|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1615/2020|2020-09-04|EPI_ISL_569228|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a0Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-4289/2020|2020-06-18|EPI_ISL_543499|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-5588/2020|2020-09-28|EPI_ISL_620913|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-506041/2020|2020-06-25|EPI_ISL_559243|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18624/2020|2020-11-21|EPI_ISL_784972|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-102DAC/2020|2020-04-20|EPI_ISL_489218|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-331074/2020|2020-10-20|EPI_ISL_614969|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-UW-22228/2020|2020-08-02|EPI_ISL_570642|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0025/2020|2020-06-17|EPI_ISL_540926|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Palestine/16/2020|2020-03-16|EPI_ISL_596505|Original|hCoV-19^^Bethlehem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/USA/WI-GMF-28108/2020|2020-10-27|EPI_ISL_661005|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Austria/CeMM0037/2020|2020-03-09|EPI_ISL_437926|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/DRC/3483/2020|2020-04-22|EPI_ISL_447602|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/Gambia/1277/2020|2020-05-07|EPI_ISL_471171|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Australia/VIC3011/2020|2020-07-05|EPI_ISL_521840|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC22641/2020|2020-12-01|EPI_ISL_737123|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-QDX-19/2020|2020-03-16|EPI_ISL_467897|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR5879/2020|2020-11-16|EPI_ISL_705641|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10373/2020|2020-07-08|EPI_ISL_789441|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SZ-ETHZ-310391/2020|2020-10-08|EPI_ISL_603465|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S2152/2020|2020-06-08|EPI_ISL_497580|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/LOND-D3F90/2020|2020-04-04|EPI_ISL_441049|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/EDB5444/2020|2020-04-13|EPI_ISL_473824|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0286/2020|2020-05-17|EPI_ISL_698466|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/201380026/2020|2020-03-26|EPI_ISL_465828|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC207a/2020|2020-06-11|EPI_ISL_475033|Original|hCoV-19^^Gujarat|Human|Department of MicroBiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Netherlands/NA_447/2020|2020-04-01|EPI_ISL_455249|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0784/2020|2020-07-23|EPI_ISL_640070|Original|hCoV-19^^Western Cape|Human|Guguletu CHC wc GDH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/MILK-A7CF44/2020|2020-10-12|EPI_ISL_606827|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3598/2020|2020-09-23|EPI_ISL_590944|Original|hCoV-19^^Norway|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/LOND-125FF1F/2020|2020-03-08|EPI_ISL_516839|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BE8F51/2020|2020-12-03|EPI_ISL_708892|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE-13644986/2020|2020-11-09|EPI_ISL_745257|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>y|Korneenko|Russia

>Spike|hCoV-19/Japan/PG-2684/2020|2020-06-00|EPI_ISL_690816|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-53909/2020|2020-12-14|EPI_ISL_766725|Original|hCoV-19^^Uppsala|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-ABBA84/2020|2020-10-22|EPI_ISL_623542|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6312/2020|2020-06-30|EPI_ISL_547383|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-14831/2020|2020-11-18|EPI_ISL_739417|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Spain/PV-IBV-001514/2020|2020-03-19|EPI_ISL_467093|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/CVR2267/2020|2020-04-10|EPI_ISL_477888|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/NSW1330/2020|2020-12-24|EPI_ISL_767896|Original|hCoV-19^^New South Wales|Human|Australian Clinical Labs|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-B319D3/2020|2020-11-04|EPI_ISL_646435|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98008124/2020|2020-10-13|EPI_ISL_654428|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-B98C59/2020|2020-11-15|EPI_ISL_673713|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/TUS-DBM-21/2020|2020-04-27|EPI_ISL_583958|Original|hCoV-19^^Tuscany|Human|UOC Microbiologia e Virologia|Dipartimento di Biotechnologie Mediche|Pinzauti|Italy

>Spike|hCoV-19/Scotland/EDB2834/2020|2020-03-31|EPI_ISL_489016|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1045/2020|2020-03-17|EPI_ISL_571710|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-8614/2020|2020-08-00|EPI_ISL_686210|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/GCVR-173C4F/2020|2020-04-07|EPI_ISL_459127|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-C4BF2E/2020|2020-12-14|EPI_ISL_757117|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC249b/2020|2020-06-12|EPI_ISL_483832|Original|hCoV-19^^Gujarat|Human|Pandit Deendayal Upadhyay Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/MN-MDH-1897/2020|2020-10-23|EPI_ISL_613529|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/NORW-EEEFF/2020|2020-09-29|EPI_ISL_584716|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DD531/2020|2020-09-21|EPI_ISL_599588|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Morocco/OUA677-19/2020|2020-04-23|EPI_ISL_451400|Original|hCoV-19^^Ouarzazate|Human|Laboratoire de Recherche et d'Analyse M\u00e9dicale de la Gendarmerie Royale|Laboratoire de Recherche et d'Analyse M\u00e9dicale de la Gendarmerie Royale|Lemriss|Morocco

>Spike|hCoV-19/Wales/PHWC-4884B5/2020|2020-10-30|EPI_ISL_639398|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-10126/2020|2020-00-00|EPI_ISL_547566|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-95A4B7/2020|2020-06-12|EPI_ISL_553549|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-5DE288/2020|2020-06-17|EPI_ISL_533276|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B301/2020|2020-10-29|EPI_ISL_643557|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9F060/2020|2020-04-15|EPI_ISL_453423|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000243/2020|2020-04-12|EPI_ISL_631770|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-15C56F/2020|2020-05-04|EPI_ISL_472505|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0137/2020|2020-03-13|EPI_ISL_455931|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Scotland/QEUH-960560/2020|2020-08-05|EPI_ISL_531990|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17292/2020|2020-07-29|EPI_ISL_663822|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-6992/2020|2020-06-28|EPI_ISL_546415|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/regal-12141328/2020|2020-12-14|EPI_ISL_738381|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CZB-12353/2020|2020-10-12|EPI_ISL_648425|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/BC_15448387/2020|2020-04-00|EPI_ISL_468667|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Germany/BY-ChVir1980/2020|2020-03-06|EPI_ISL_729494|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Gambia/GC19-3418/2020|2020-07-27|EPI_ISL_561176|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/QEUH-9F80E4/2020|2020-09-27|EPI_ISL_595729|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR5698/2020|2020-11-07|EPI_ISL_651918|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B081BF/2020|2020-10-29|EPI_ISL_643905|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CF1552/2020|2020-12-18|EPI_ISL_781943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5092/2020|2020-07-19|EPI_ISL_519895|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9F47B6/2020|2020-09-24|EPI_ISL_588352|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A509FD/2020|2020-10-07|EPI_ISL_597525|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18877/2020|2020-12-07|EPI_ISL_748612|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-3225A/2020|2020-04-09|EPI_ISL_446622|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2730/2020|2020-00-00|EPI_ISL_579345|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Germany/HH-hpi-p1769/2020|2020-03-19|EPI_ISL_776143|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Spain/AR-IBV-98010596/2020|2020-10-03|EPI_ISL_722250|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48661B/2020|2020-10-21|EPI_ISL_639059|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-64E97/2020|2020-09-24|EPI_ISL_594526|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4439/2020|2020-09-21|EPI_ISL_621860|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/VC-IBV-98003567/2020|2020-03-14|EPI_ISL_537983|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/France/PAC-IHU-0955/2020|2020-07-13|EPI_ISL_569007|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Scotland/CVR5300/2020|2020-10-22|EPI_ISL_651744|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Germany/BY-ChVir-929-2/2020|2020-01-28|EPI_ISL_450198|Original|hCoV-19^^Bavaria|Human|Department of Virology|Department of Virology|B\u00f6hmer|Germany

>Spike|hCoV-19/Netherlands/NB-RIVM-20263/2020|2020-11-17|EPI_ISL_723409|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-15467/2020|2020-10-23|EPI_ISL_786951|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS2761686/2020|2020-07-16|EPI_ISL_740186|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/VC-IBV-98003447/2020|2020-04-03|EPI_ISL_539256|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-MDHHS-SC20142/2020|2020-03-24|EPI_ISL_436855|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/20138024004/2020|2020-03-25|EPI_ISL_423303|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S2771/2020|2020-08-01|EPI_ISL_530128|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001265/2020|2020-11-09|EPI_ISL_683896|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMB-7FC71/2020|2020-04-19|EPI_ISL_444398|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/France/ARA-36389/2020|2020-05-11|EPI_ISL_636482|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Centre Hospitalier Pierre Oudot|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-6C43DC/2020|2020-07-01|EPI_ISL_556252|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7614/2020|2020-07-21|EPI_ISL_564530|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Brazil/SP-L7-CD82/2020|2020-03-24|EPI_ISL_476447|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/ALDP-A6E6B9/2020|2020-10-15|EPI_ISL_607150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX_GCID_192000052/2020|2020-03-23|EPI_ISL_445079|Original|hCoV-19^^Texas|Human|Baylor College of Medicine|Baylor College of Medicine|Skinner|USA

>Spike|hCoV-19/England/QEUH-5DF339/2020|2020-06-17|EPI_ISL_533325|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4727/2020|2020-09-21|EPI_ISL_730110|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/EXET-139DE8/2020|2020-00-00|EPI_ISL_679344|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Poland/19876/2020|2020-11-00|EPI_ISL_732916|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/USA/MI-UM-10036455460/2020|2020-10-15|EPI_ISL_628843|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Germany/NW-HHU-282/2020|2020-09-29|EPI_ISL_631326|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Denmark/DCGC-8812/2020|2020-10-26|EPI_ISL_626076|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7AE3A/2020|2020-10-16|EPI_ISL_606806|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20524/2020|2020-12-21|EPI_ISL_758902|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/L3290161092/2020|2020-05-13|EPI_ISL_520681|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0045/2020|2020-03-22|EPI_ISL_640051|Original|hCoV-19^Western Cape|Human|Groote Schuur Hospital wc GSH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Netherlands/NA_466/2020|2020-04-10|EPI_ISL_455268|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-13378/2020|2020-11-30|EPI_ISL_712166|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00244068/2020|2020-03-31|EPI_ISL_536388|Original|hCoV-19^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Australia/VIC3644/2020|2020-07-08|EPI_ISL_520384|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-CDC-2-3714482/2020|2020-11-30|EPI_ISL_751693|Original|hCoV-19^Oregon|Human|OR State PHL-Virology/Immunology Section|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/PORT-2D1B14/2020|2020-04-02|EPI_ISL_493650|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F8F7/2020|2020-10-07|EPI_ISL_609791|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCFA7/2020|2020-10-01|EPI_ISL_587721|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9767BC/2020|2020-08-17|EPI_ISL_575969|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8749/2020|2020-07-28|EPI_ISL_565172|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wuhan/HB-WH2-157/2020|2020-02-28|EPI_ISL_454925|Original|hCoV-19^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/MI-UM-10036684811/2020|2020-10-29|EPI_ISL_682086|Original|hCoV-19^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/India/MH-ACTREC-431/2020|2020-08-04|EPI_ISL_700080|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-1262/2020|2020-06-08|EPI_ISL_618039|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-24D5A/2020|2020-03-20|EPI_ISL_419505|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9F3B15/2020|2020-09-23|EPI_ISL_588642|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3497064/2020|2020-11-13|EPI_ISL_740320|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Canada/NS-NML-1267/2020|2020-04-16|EPI_ISL_579655|Original|hCoV-19^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/CA-ALSR-2987/2020|2020-08-30|EPI_ISL_635774|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/MH-ACTREC-301/2020|2020-07-14|EPI_ISL_699952|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Northern Ireland/NIRE-232F24/2020|2020-09-25|EPI_ISL_680237|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-A57D45/2020|2020-10-09|EPI_ISL_597088|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012280511/2020|2020-10-20|EPI_ISL_746260|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC7532/2020|2020-07-23|EPI_ISL_564476|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-4758/2020|2020-06-21|EPI_ISL_544309|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2B0F0/2020|2020-04-07|EPI_ISL_432055|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-74553/2020|2020-03-28|EPI_ISL_425305|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BIRM-63DAA/2020|2020-09-04|EPI_ISL_576884|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1080-SAN/2020|2020-06-23|EPI_ISL_483507|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WI-UW-1168/2020|2020-08-08|EPI_ISL_522924|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-4781/2020|2020-09-21|EPI_ISL_621391|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/FR-RIVM-20147/2020|2020-11-23|EPI_ISL_723317|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Spain/MD-IBV-006439/2020|2020-03-17|EPI_ISL_510149|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/GSTT-265E052/2020|2020-03-30|EPI_ISL_484143|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14841/2020|2020-11-23|EPI_ISL_712020|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7EBA2/2020|2020-04-06|EPI_ISL_442994|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0371/2020|2020-07-22|EPI_ISL_754877|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Wales/PHWC-4823AF/2020|2020-10-15|EPI_ISL_613216|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2024/2020|2020-02-19|EPI_ISL_471440|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-17820/2020|2020-12-14|EPI_ISL_749303|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/G-NVRL-78IRL74215/2020|2020-11-23|EPI_ISL_752565|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-CHLA-PLM71317172/2020|2020-12-04|EPI_ISL_753639|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/CVR878/2020|2020-03-27|EPI_ISL_439127|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9BA8E6/2020|2020-09-09|EPI_ISL_573829|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-03889/2020|2020-04-13|EPI_ISL_450566|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-7711/2020|2020-10-19|EPI_ISL_618581|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-5205/2020|2020-04-02|EPI_ISL_430900|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Spain/CL-IBV-97006174/2020|2020-04-06|EPI_ISL_537321|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-9DDB20/2020|2020-09-21|EPI_ISL_599501|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14028/2020|2020-11-30|EPI_ISL_711526|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW223/2020|2020-03-26|EPI_ISL_451489|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Switzerland/ZH-ETHZ-110442/2020|2020-04-07|EPI_ISL_451866|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-ACTREC-145/2020|2020-05-29|EPI_ISL_699801|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/MILK-974790/2020|2020-08-21|EPI_ISL_575788|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0610/2020|2020-11-27|EPI_ISL_682288|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Denmark/DCGC-17552/2020|2020-12-14|EPI_ISL_751063|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-33281-01/2020|2020-03-30|EPI_ISL_525639|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/MILK-99485B/2020|2020-08-25|EPI_ISL_552256|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VB-ETHZ-280128/2020|2020-09-07|EPI_ISL_560534|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-B7C462/2020|2020-11-14|EPI_ISL_741777|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-4A5889/2020|2020-06-09|EPI_ISL_559621|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21787/2020|2020-08-14|EPI_ISL_529905|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Japan/PG-0326/2020|2020-03-26|EPI_ISL_480001|Original|hCoV-19^^HokurikuShinsyu|Human|Nagano Environmental Conservation Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NMDOH-2020305747/2020|2020-08-21|EPI_ISL_542047|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/ALDP-9CABEA/2020|2020-09-16|EPI_ISL_575468|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20413/2020|2020-12-11|EPI_ISL_728633|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC20570/2020|2020-04-30|EPI_ISL_462652|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LIVE-1DDCCB/2020|2020-10-10|EPI_ISL_612019|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2783388/2020|2020-10-22|EPI_ISL_740193|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-9CE75B/2020|2020-09-17|EPI_ISL_590027|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A8750/2020|2020-03-27|EPI_ISL_517206|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M359/2020|2020-06-09|EPI_ISL_495200|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/FL-UF-15/2020|2020-04-17|EPI_ISL_468721|Original|hCoV-19^^Florida|Human|University of Florida|University of Florida|Lednicky|USA

>Spike|hCoV-19/Wales/PHWC-16C247/2020|2020-09-22|EPI_ISL_572674|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9B3AD8/2020|2020-09-04|EPI_ISL_573528|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/204540597/2020|2020-11-03|EPI_ISL_678655|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20029/2020|2020-03-15|EPI_ISL_437116|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-AF69DB/2020|2020-10-30|EPI_ISL_663033|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4292/2020|2020-07-00|EPI_ISL_692521|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-95EE6A/2020|2020-08-06|EPI_ISL_532331|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11188/2020|2020-09-02|EPI_ISL_789728|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC13535/2020|2020-08-04|EPI_ISL_563739|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-AAFD8A/2020|2020-10-21|EPI_ISL_623393|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl499/2020|2020-03-14|EPI_ISL_776005|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMB-1B2594/2020|2020-05-15|EPI_ISL_456695|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-05584/2020|2020-06-01|EPI_ISL_575230|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Luxembourg/LNS8585990/2020|2020-11-10|EPI_ISL_744767|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/BL-ETHZ-100236/2020|2020-03-18|EPI_ISL_574886|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MN-MDH-301/2020|2020-03-30|EPI_ISL_450768|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-95C628/2020|2020-06-20|EPI_ISL_555075|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A219/2020|2020-11-15|EPI_ISL_673718|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD39B/2020|2020-10-02|EPI_ISL_587942|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBB7B9/2020|2020-11-21|EPI_ISL_724067|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CC76/2020|2020-09-23|EPI_ISL_574153|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-288/2020|2020-03-31|EPI_ISL_450757|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MN-MDH-1904/2020|2020-10-18|EPI_ISL_613522|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/MILK-B95BE6/2020|2020-11-14|EPI_ISL_676150|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/TK-YV12689/2020|2020-04-00|EPI_ISL_486894|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/USA/CA-CSMC105/2020|2020-04-02|EPI_ISL_475580|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Belgium/ULG-10526/2020|2020-10-23|EPI_ISL_626301|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/205090680/2020|2020-12-10|EPI_ISL_766296|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-075/2020|2020-05-18|EPI_ISL_699731|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-6543/2020|2020-06-22|EPI_ISL_546069|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-0170/2020|2020-05-31|EPI_ISL_467520|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-3285/2020|2020-08-31|EPI_ISL_616037|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-119711-01/2020|2020-05-26|EPI_ISL_676708|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-73A37/2020|2020-03-31|EPI_ISL_425269|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001078/2020|2020-03-26|EPI_ISL_452606|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/France/PAC-IHU-0204/2020|2020-03-27|EPI_ISL_569370|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUIH-AD58C6/2020|2020-10-26|EPI_ISL_634544|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-B2DE62/2020|2020-11-03|EPI_ISL_646266|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-9E527B/2020|2020-09-23|EPI_ISL_601087|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20131103104/2020|2020-03-23|EPI_ISL_423691|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Indonesia/JI-NIHRD-PME0999/2020|2020-00-00|EPI_ISL_538498|Original|hCoV-19^^East Java|Human|RSUD Soediono Madiun East Java|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/Australia/NSW90/2020|2020-03-22|EPI_ISL_427680|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUIH-A61838/2020|2020-10-10|EPI_ISL_628635|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002680/2020|2020-08-03|EPI_ISL_535544|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/ZH-RIVM-20844/2020|2020-12-17|EPI_ISL_790899|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Japan/PG-4898/2020|2020-08-00|EPI_ISL_690019|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9AE4A5/2020|2020-09-02|EPI_ISL_637547|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009545/2020|2020-07-18|EPI_ISL_605225|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-488D6F/2020|2020-11-01|EPI_ISL_639498|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT2051/2020|2020-11-13|EPI_ISL_732265|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9CDF81/2020|2020-09-16|EPI_ISL_566340|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99010756/2020|2020-05-11|EPI_ISL_691640|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-BC1668/2020|2020-11-20|EPI_ISL_704516|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4635/2020|2020-06-23|EPI_ISL_543772|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-100302/2020|2020-03-19|EPI_ISL_575001|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/QLD1142/2020|2020-08-29|EPI_ISL_593643|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/MILK-B8C1A4/2020|2020-11-13|EPI_ISL_674457|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1257F0/2020|2020-03-29|EPI_ISL_443917|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Turkey/HSGM-1458/2020|2020-03-19|EPI_ISL_437327|Vero P1|hCoV-19^^Agri|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Switzerland/VV-ETHZ-350360/2020|2020-10-31|EPI_ISL_728850|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/ON-UHTC_0039/2020|2020-04-10|EPI_ISL_464026|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Norway/6246/2020|2020-11-16|EPI_ISL_775364|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/ALDP-720B8A/2020|2020-07-01|EPI_ISL_557572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB3D81/2020|2020-12-19|EPI_ISL_760832|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5260/2020|2020-06-26|EPI_ISL_544633|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/PV-IBV-2154/2020|2020-04-12|EPI_ISL_468942|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Portugal/PT1927/2020|2020-11-15|EPI_ISL_732138|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-17781/2020|2020-12-14|EPI_ISL_749564|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4999B2/2020|2020-12-04|EPI_ISL_727384|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA266E/2020|2020-10-22|EPI_ISL_630854|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5AE2/2020|2020-09-10|EPI_ISL_567644|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0390/2020|2020-07-17|EPI_ISL_756313|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/MILK-ACEEEC/2020|2020-10-22|EPI_ISL_629634|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00855/2020|2020-04-13|EPI_ISL_791797|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/CA-ALSR-5073/2020|2020-06-25|EPI_ISL_730334|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WI-UW-1496/2020|2020-09-14|EPI_ISL_541623|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-CZB0141/2020|2020-04-08|EPI_ISL_429054|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/EXET-1368F9/2020|2020-04-29|EPI_ISL_457240|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/SHEF-D15DC/2020|2020-03-30|EPI_ISL_432632|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/CVR1825/2020|2020-04-07|EPI_ISL_448132|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-12C902/2020|2020-05-13|EPI_ISL_469511|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3031/2020|2020-07-01|EPI_ISL_520745|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2D47C2/2020|2020-10-11|EPI_ISL_613294|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0393/2020|2020-11-24|EPI_ISL_698086|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Portugal/PT0085/2020|2020-03-22|EPI_ISL_421488|Original|hCoV-19^^Portugal|Human|H Santarem|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-MCoV-19023/2020|2020-11-25|EPI_ISL_785289|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A35C0/2020|2020-12-15|EPI_ISL_744115|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9A6B7B/2020|2020-09-02|EPI_ISL_550070|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3118B/2020|2020-04-10|EPI_ISL_446413|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB084/2020|2020-03-21|EPI_ISL_425876|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/MILK-99C9C9/2020|2020-08-31|EPI_ISL_550575|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1967/2020|2020-06-04|EPI_ISL_495177|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Scotland/EDB3546/2020|2020-04-13|EPI_ISL_487880|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26513042/2020|2020-04-21|EPI_ISL_485086|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Scotland/CVR51/2020|2020-03-13|EPI_ISL_425779|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00234537/2020|2020-03-23|EPI_ISL_536057|Original|hCoV-19^^Quebec|Human|H\u00f4pital Sainte-Croix|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/LIVE-AA5FA/2020|2020-03-24|EPI_ISL_517474|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-1900/2020|2020-04-00|EPI_ISL_685506|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW104/2020|2020-03-11|EPI_ISL_416642|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A79CD7/2020|2020-10-15|EPI_ISL_606736|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10826/2020|2020-11-13|EPI_ISL_661215|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/VA-DCLS-2048/2020|2020-10-26|EPI_ISL_677219|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/USA/MA-MASPHL-00025/2020|2020-04-02|EPI_ISL_791531|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/NORT-2A5C8F/2020|2020-10-04|EPI_ISL_584708|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NORT-287D71/2020|2020-11-11|EPI_ISL_724998|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B0CB44/2020|2020-10-30|EPI_ISL_643486|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0010/2020|2020-05-07|EPI_ISL_698220|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/CA-CSMC61/2020|2020-04-01|EPI_ISL_475675|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Switzerland/SH-ETHZ-370458/2020|2020-11-16|EPI_ISL_693958|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Equatorial Guinea/12462/2020|2020-05-29|EPI_ISL_648311|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/England/NORT-28ADBA/2020|2020-04-16|EPI_ISL_461795|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4954/2020|2020-06-20|EPI_ISL_544428|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-AD23C/2020|2020-00-00|EPI_ISL_448571|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-9F6F07/2020|2020-09-27|EPI_ISL_595645|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-10D32EF/2020|2020-12-10|EPI_ISL_742055|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL700/2020|2020-07-14|EPI_ISL_653392|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Thailand/Bangkok-CONI-0274/2020|2020-03-14|EPI_ISL_693352|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Japan/PG-6924/2020|2020-09-00|EPI_ISL_688031|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-10239/2020|2020-06-26|EPI_ISL_498145|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Brazil/RS-00636/2020|2020-11-24|EPI_ISL_770584|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/QEUH-9F965A/2020|2020-09-25|EPI_ISL_589031|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1546/2020|2020-08-03|EPI_ISL_527611|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-9756B0/2020|2020-08-20|EPI_ISL_552697|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130E48/2020|2020-03-23|EPI_ISL_501596|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB3E23/2020|2020-10-21|EPI_ISL_650694|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-9C9D9A/2020|2020-09-10|EPI_ISL_567354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2042/2020|2020-06-05|EPI_ISL_497470|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Luxembourg/LNS9425421/2020|2020-10-29|EPI_ISL_744911|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-9F81A5/2020|2020-09-27|EPI_ISL_588967|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20189054401/2020|2020-04-30|EPI_ISL_465537|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00229794/2020|2020-03-20|EPI_ISL_535903|Original|hCoV-19^^Quebec|Human|H\u00f4tel-Dieu de Sorel|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/WI-UW-2486/2020|2020-12-03|EPI_ISL_759760|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Canada/ON-S842/2020|2020-04-00|EPI_ISL_586457|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUH-AD3A2C/2020|2020-10-26|EPI_ISL_629993|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B5DB/2020|2020-11-01|EPI_ISL_645775|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-97CCD5/2020|2020-07-17|EPI_ISL_526315|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99010845/2020|2020-09-05|EPI_ISL_691655|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-B87525/2020|2020-11-13|EPI_ISL_724779|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BB4F30/2020|2020-11-20|EPI_ISL_710703|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001251/2020|2020-11-06|EPI_ISL_683947|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/GJ-GBRC286/2020|2020-07-03|EPI_ISL_495024|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/South Africa/KRISP-K001339/2020|2020-07-10|EPI_ISL_515824|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-18369/2020|2020-12-07|EPI_ISL_749923|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D5E19/2020|2020-04-19|EPI_ISL_444249|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-7DED7/2020|2020-04-06|EPI_ISL_470481|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2727/2020|2020-07-08|EPI_ISL_525717|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-496056/2020|2020-11-19|EPI_ISL_726522|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2843/2020|2020-08-06|EPI_ISL_635709|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Belarus/ChVir2070/2020|2020-03-00|EPI_ISL_451948|Original|hCoV-19^^Belarus|Human|The Republican Research and Practical Center for Epidemiology and Microbiology|Charite Universitatsmedizin Berlin|Muehlemann|Belarus

>Spike|hCoV-19/England/20109041904/2020|2020-03-04|EPI_ISL_464561|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/reg-0428425/2020|2020-04-28|EPI_ISL_476993|Original|hCoV-19^^Leuven|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CZB-16178/2020|2020-12-01|EPI_ISL_739355|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/CVR3380/2020|2020-05-08|EPI_ISL_456809|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-QDX-745/2020|2020-03-19|EPI_ISL_571557|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Sweden/20-52881/2020|2020-09-09|EPI_ISL_648148|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/NOTT-11F4B6/2020|2020-11-25|EPI_ISL_702846|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-S1246/2020|2020-05-11|EPI_ISL_495696|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WI-UW-1893/2020|2020-09-23|EPI_ISL_605762|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/OXON-B4C8F/2020|2020-04-30|EPI_ISL_535003|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12362/2020|2020-11-16|EPI_ISL_682543|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012365234/2020|2020-10-21|EPI_ISL_745648|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/NSW1365/2020|2020-12-25|EPI_ISL_767931|Original|hCoV-19^^New South Wales|Human|4Cyte Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/201060055/2020|2020-03-04|EPI_ISL_464384|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Portugal/PT2006/2020|2020-11-13|EPI_ISL_732227|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Brazil/SP-162/2020|2020-04-15|EPI_ISL_523958|Original|hCoV-19^^S\u00e3o Paulo|Human|Pronto Socorro Municipal de Perus|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/FL-BPHL-0754/2020|2020-06-23|EPI_ISL_512560|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-QDX-1080/2020|2020-03-19|EPI_ISL_571905|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-B68DC8/2020|2020-11-11|EPI_ISL_662241|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9937B9/2020|2020-08-27|EPI_ISL_552025|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-6EF195/2020|2020-06-30|EPI_ISL_557368|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9201/2020|2020-07-02|EPI_ISL_780997|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/L3290324509/2020|2020-05-27|EPI_ISL_520707|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/USA/MN-MDH-1856/2020|2020-10-06|EPI_ISL_602991|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-A0114E/2020|2020-10-02|EPI_ISL_584903|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/NOTT-10F9C9/2020|2020-04-05|EPI_ISL_432670|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6188/2020|2020-07-04|EPI_ISL_547299|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-1640EB/2020|2020-05-11|EPI_ISL_474128|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW30/2020|2020-03-08|EPI_ISL_414617|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-14980/2020|2020-11-23|EPI_ISL_713559|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-60086/2020|2020-00-00|EPI_ISL_493436|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00002/2020|2020-12-18|EPI_ISL_737237|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/CAMB-7EE5E/2020|2020-04-08|EPI_ISL_443002|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-00707/2020|2020-04-06|EPI_ISL_422461|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/LIVE-A34A9/2020|2020-05-20|EPI_ISL_490383|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1946/2020|2020-03-15|EPI_ISL_604266|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-A2C93/2020|2020-05-19|EPI_ISL_499917|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Italy/SAR-ASSL-06/2020|2020-04-28|EPI_ISL_614397|Original|hCoV-19^^Sardinia|Human|Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio|Laboratorio specialistico UOC Ematologia - Ospedale \San Francesco\ - ATS-ASSL Nuoro|Piras|Italy

>Spike|hCoV-19/USA/WI-UW-287/2020|2020-04-06|EPI_ISL_436581|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-3757/2020|2020-06-16|EPI_ISL_543168|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-2499/2020|2020-06-01|EPI_ISL_635507|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u221a\u2265tico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Scotland/EDB8971/2020|2020-10-30|EPI_ISL_651229|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/204690983/2020|2020-11-13|EPI_ISL_766269|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-94B8DB/2020|2020-06-11|EPI_ISL_556462|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B959/2020|2020-11-05|EPI_ISL_666303|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1781/2020|2020-06-02|EPI_ISL_471633|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Scotland/QEUEH-B317E8/2020|2020-11-04|EPI_ISL_676417|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5AB5/2020|2020-09-11|EPI_ISL_567755|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FA3E9/2020|2020-09-28|EPI_ISL_588269|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1427/2020|2020-05-20|EPI_ISL_495877|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-8422C/2020|2020-04-15|EPI_ISL_443454|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Italy/SAR-ASSL-01/2020|2020-04-04|EPI_ISL_613560|Original|hCoV-19^^Sardinia|Human|Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio|Laboratorio specialistico UOC Ematologia - Ospedale \San Francesco\ - ATS-ASSL Nuoro Nuoro|Piras|Italy

>Spike|hCoV-19/Wales/PHWC-499387/2020|2020-12-03|EPI_ISL_727295|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-29/2020|2020-03-24|EPI_ISL_421287|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-DSHS-1496/2020|2020-06-22|EPI_ISL_683411|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Netherlands/GE-EMC-219/2020|2020-05-27|EPI_ISL_523201|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-863DFD/2020|2020-07-17|EPI_ISL_557463|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL471/2020|2020-06-23|EPI_ISL_578875|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-9715A8/2020|2020-08-18|EPI_ISL_553177|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D1979-4481/2020|2020-10-09|EPI_ISL_753818|Original|hCoV-19^^Berlin|Human|Charit\u00e9

Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin
Berlin|Muehleemann|Germany
>Spike|hCoV-19/England/LIVE-A81BC/2020|2020-03-26|EPI_ISL_517126|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18956/2020|2020-12-07|EPI_ISL_748291|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/204441477/2020|2020-10-28|EPI_ISL_653972|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK)
Consortium|Platt|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-21784/2020|2020-12-21|EPI_ISL_758360|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/IC-0178/2020|2020-09-00|EPI_ISL_667607|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/SHEF-C1609/2020|2020-05-19|EPI_ISL_529677|Original|hCoV-
19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de
Silva|United Kingdom
>Spike|hCoV-19/Spain/MD-IBV-99007095/2020|2020-04-14|EPI_ISL_541880|Original|hCoV-
19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-
SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/England/QEUA-C4BDAC/2020|2020-12-14|EPI_ISL_736580|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-000477/2020|2020-05-05|EPI_ISL_631944|Original|hCoV-
19^^New York|Human|St Barnabas Hospital|New York City Public Health
Laboratory|Wang|USA
>Spike|hCoV-19/Denmark/DCGC-5938/2020|2020-10-05|EPI_ISL_620203|Original|hCoV-
19^^Midtjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Russia/SVE-RII-MH2841S/2020|2020-09-26|EPI_ISL_733028|Original|hCoV-
19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian
Federation|Komissarov|Russia
>Spike|hCoV-19/England/CAMB-75D1E/2020|2020-03-29|EPI_ISL_438355|Original|hCoV-
19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS4369621/2020|2020-06-24|EPI_ISL_740456|Original|hCoV-
19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de
sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Denmark/DCGC-3321/2020|2020-08-31|EPI_ISL_616075|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-18806/2020|2020-12-07|EPI_ISL_748171|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-9CADA8/2020|2020-09-16|EPI_ISL_575415|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-4096/2020|2020-06-18|EPI_ISL_543366|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUA-9FA8CC/2020|2020-09-28|EPI_ISL_588134|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1B477E/2020|2020-06-03|EPI_ISL_473482|Original|hCoV-
19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Meredith|United Kingdom
>Spike|hCoV-19/England/NOTT-10E39F/2020|2020-03-21|EPI_ISL_425535|Original|hCoV-
19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/PORT-2D22D2/2020|2020-03-23|EPI_ISL_499308|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12097/2020|2020-09-22|EPI_ISL_790199|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-2130/2020|2020-04-09|EPI_ISL_653283|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NORT-288DBC/2020|2020-03-22|EPI_ISL_458591|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14394/2020|2020-11-30|EPI_ISL_711740|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B54C95/2020|2020-11-05|EPI_ISL_657797|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25BF5/2020|2020-03-24|EPI_ISL_422291|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13258/2020|2020-11-30|EPI_ISL_712315|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-IGI-0809/2020|2020-06-30|EPI_ISL_756344|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/201620535/2020|2020-03-26|EPI_ISL_466425|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9A557E/2020|2020-09-03|EPI_ISL_549959|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-918/2020|2020-07-10|EPI_ISL_509919|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NORT-291C95/2020|2020-05-11|EPI_ISL_489119|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-MVZ-LS-04/2020|2020-04-14|EPI_ISL_640222|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/Japan/PG-6393/2020|2020-08-00|EPI_ISL_689499|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS4090457/2020|2020-11-29|EPI_ISL_770929|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-9081DF/2020|2020-06-22|EPI_ISL_551465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2249/2020|2020-03-23|EPI_ISL_500688|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/USA/CA-CZB-13422/2020|2020-09-03|EPI_ISL_672045|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-A7A623/2020|2020-10-15|EPI_ISL_606627|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-131023/2020|2020-03-21|EPI_ISL_501569|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009207/2020|2020-05-11|EPI_ISL_525207|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-824/2020|2020-03-28|EPI_ISL_437675|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Rwanda/U66912-RD/2020|2020-07-00|EPI_ISL_615063|Original|hCoV-19^^Rwanda|Human|Rwanda National Reference Laboratory|Rwanda National Reference Laboratory|Mukantwari|Rwanda

>Spike|hCoV-19/England/NORW-E85C3/2020|2020-04-18|EPI_ISL_449164|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/UN-UW-12776/2020|2020-06-29|EPI_ISL_576403|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/India/GJ-GBRC311b/2020|2020-06-20|EPI_ISL_495066|Original|hCoV-19^^Gujarat|Human|GAIMS & G K General Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/204580253/2020|2020-11-05|EPI_ISL_686547|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F334A/2020|2020-09-24|EPI_ISL_588577|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C57DDA/2020|2020-12-13|EPI_ISL_735979|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB300/2020|2020-03-29|EPI_ISL_425967|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489BEC/2020|2020-10-24|EPI_ISL_652467|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-OICR-SLB2860/2020|2020-04-07|EPI_ISL_538379|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/CA-ALSR-3048/2020|2020-07-31|EPI_ISL_635813|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-9F87EF/2020|2020-09-27|EPI_ISL_588998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1847/2020|2020-04-09|EPI_ISL_613927|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/SHEF-D2B33/2020|2020-09-11|EPI_ISL_559946|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/EDB733/2020|2020-04-02|EPI_ISL_433232|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL456/2020|2020-06-22|EPI_ISL_578860|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Portugal/PT1862/2020|2020-11-09|EPI_ISL_732081|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/QEUEH-960F44/2020|2020-08-05|EPI_ISL_532004|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE-13378928/2020|2020-11-06|EPI_ISL_732664|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiolog
>y|Korneenko|Russia
>Spike|hCoV-19/England/CAMC-B37384/2020|2020-11-05|EPI_ISL_645361|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20144023404/2020|2020-03-27|EPI_ISL_423526|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Sweden/20-07616/2020|2020-04-20|EPI_ISL_434676|Original|hCoV-19^^Stockholm|Human|Surbrunns VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/Netherlands/GE-EMC-166/2020|2020-05-22|EPI_ISL_523149|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/France/ARA-SC139/2020|2020-04-27|EPI_ISL_700403|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spike|hCoV-19/Luxembourg/LNS4281216/2020|2020-10-26|EPI_ISL_740443|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Denmark/DCGC-2281/2020|2020-08-10|EPI_ISL_617639|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-9E72E2/2020|2020-09-24|EPI_ISL_580406|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-292924/2020|2020-05-31|EPI_ISL_472273|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Canada/ON-UHTC-0289/2020|2020-07-28|EPI_ISL_569990|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada
>Spike|hCoV-19/Greece/234_31670/2020|2020-03-05|EPI_ISL_437894|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece
>Spike|hCoV-19/Denmark/DCGC-18147/2020|2020-12-14|EPI_ISL_749780|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/LIVE-A43AB/2020|2020-06-17|EPI_ISL_490420|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/TX-DSHS-0360/2020|2020-06-13|EPI_ISL_538297|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/USA/VA-DCLS-1556/2020|2020-08-08|EPI_ISL_610120|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/USA/WA-UW-24459/2020|2020-08-14|EPI_ISL_776688|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/FL-BPHL-1418/2020|2020-08-13|EPI_ISL_549200|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Wales/PHWC-499F0B/2020|2020-11-24|EPI_ISL_727465|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2300/2020|2020-06-12|EPI_ISL_496932|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A68FF0/2020|2020-10-12|EPI_ISL_608919|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2C08B/2020|2020-11-04|EPI_ISL_680051|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03109/2020|2020-05-04|EPI_ISL_575258|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-AA22A6/2020|2020-10-22|EPI_ISL_625206|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5133/2020|2020-08-00|EPI_ISL_690240|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB8778/2020|2020-10-26|EPI_ISL_650280|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036861068/2020|2020-11-09|EPI_ISL_728506|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-6CE985/2020|2020-07-02|EPI_ISL_556292|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8603/2020|2020-10-26|EPI_ISL_625703|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B84133/2020|2020-11-14|EPI_ISL_675388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7559/2020|2020-11-00|EPI_ISL_740721|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Australia/VIC2474/2020|2020-06-27|EPI_ISL_522177|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-2895/2020|2020-09-04|EPI_ISL_667395|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Italy/ABR-IZSGC-TE4953/2020|2020-03-14|EPI_ISL_418258|Original|hCoV-19^^Abruzzo|Human|Presidio ospedaliero \Santo Spirito\|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G. Caporale\|Lorusso|Italy

>Spike|hCoV-19/Belgium/Rega-0330248/2020|2020-03-30|EPI_ISL_458218|Original|hCoV-19^^Bury|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Luxembourg/LNS0511956/2020|2020-10-30|EPI_ISL_739794|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-C48686/2020|2020-12-13|EPI_ISL_736517|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Shanghai/SH0088/2020|2020-02-01|EPI_ISL_416387|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/USA/NY-QDX-2701/2020|2020-03-15|EPI_ISL_605043|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Germany/SH-ChVir9991/2020|2020-11-04|EPI_ISL_729665|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/ALDP-BB4F21/2020|2020-11-20|EPI_ISL_702388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14110/2020|2020-05-27|EPI_ISL_739171|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/NORT-1B6C013/2020|2020-09-30|EPI_ISL_611746|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18062/2020|2020-11-17|EPI_ISL_784410|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-MW18/2020|2020-05-08|EPI_ISL_508426|Original|hCoV-19^^Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Wales/PHWC-494A0F/2020|2020-11-22|EPI_ISL_726203|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100835/2020|2020-03-25|EPI_ISL_451783|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-MDHHS-SC21681/2020|2020-06-29|EPI_ISL_516408|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LOND-D3D87/2020|2020-04-04|EPI_ISL_449650|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/VIC3348/2020|2020-07-08|EPI_ISL_521027|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MASPHL-00626/2020|2020-05-12|EPI_ISL_692999|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/ALDP-A2EE26/2020|2020-10-05|EPI_ISL_586996|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1320/2020|2020-04-00|EPI_ISL_684928|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-3603E/2020|2020-04-28|EPI_ISL_474609|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1BD511/2020|2020-12-01|EPI_ISL_764312|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-78A14/2020|2020-00-00|EPI_ISL_433807|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1213/2020|2020-03-23|EPI_ISL_450462|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Spain/CT-IBV-99009872/2020|2020-07-31|EPI_ISL_660269|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/India/GJ-GBRC216a/2020|2020-06-08|EPI_ISL_475050|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/20122018304/2020|2020-03-16|EPI_ISL_465744|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8179/2020|2020-06-30|EPI_ISL_784248|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-8437/2020|2020-10-26|EPI_ISL_617909|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC545/2020|2020-03-31|EPI_ISL_444662|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-164DE4/2020|2020-05-22|EPI_ISL_479383|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A57158/2020|2020-10-09|EPI_ISL_597489|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-293D54/2020|2020-07-18|EPI_ISL_573327|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Ireland/TA-NVRL-78IRL62510/2020|2020-11-22|EPI_ISL_752532|Original|hCoV-19^^Tipperary|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-9CD65F/2020|2020-09-15|EPI_ISL_566328|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002807/2020|2020-08-25|EPI_ISL_529801|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/NOTT-1116DC/2020|2020-05-22|EPI_ISL_461909|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/UT-08521/2020|2020-05-17|EPI_ISL_524284|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/DRC/11676/2020|2020-05-26|EPI_ISL_527531|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-DSHS-0813/2020|2020-06-03|EPI_ISL_590874|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/QEUA-A4CEC8/2020|2020-10-05|EPI_ISL_596063|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18747/2020|2020-12-07|EPI_ISL_749354|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_181/2020|2020-03-22|EPI_ISL_422716|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CZB-4068/2020|2020-08-05|EPI_ISL_548668|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Ukraine/203100338/2020|2020-07-10|EPI_ISL_512617|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/England/QEUA-A9FEA8/2020|2020-10-20|EPI_ISL_665397|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-01035/2020|2020-11-17|EPI_ISL_692778|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/ALDP-5AF9B8/2020|2020-06-19|EPI_ISL_558799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-2529/2020|2020-07-21|EPI_ISL_561269|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/BRIS-12175E/2020|2020-03-02|EPI_ISL_440225|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C378/2020|2020-11-07|EPI_ISL_666422|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B822D8/2020|2020-11-14|EPI_ISL_661683|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-31-6/2020|2020-08-15|EPI_ISL_577760|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/205260436/2020|2020-00-00|EPI_ISL_766548|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC205/2020|2020-03-19|EPI_ISL_419900|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-9A862D/2020|2020-09-02|EPI_ISL_550203|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02548/2020|2020-04-23|EPI_ISL_493119|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-5996/2020|2020-06-27|EPI_ISL_547153|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9C22DE/2020|2020-09-11|EPI_ISL_566570|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19528/2020|2020-12-07|EPI_ISL_749009|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CT-Yale-465/2020|2020-09-12|EPI_ISL_729736|Original|hCoV-19^^Connecticut|Human|Connecticut Department of Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Portugal/PT0117/2020|2020-03-25|EPI_ISL_453833|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-9995/2020|2020-11-09|EPI_ISL_669319|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2354/2020|2020-05-28|EPI_ISL_514757|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/NSW265/2020|2020-03-28|EPI_ISL_451530|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUEH-963521/2020|2020-08-10|EPI_ISL_531580|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B8C3/2020|2020-11-01|EPI_ISL_646000|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE2A93/2020|2020-10-27|EPI_ISL_633583|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4126/2020|2020-07-06|EPI_ISL_648835|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/VA-DCLS-0631/2020|2020-04-09|EPI_ISL_495304|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/VA-DCLS-2285/2020|2020-10-30|EPI_ISL_723518|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/SHEF-D186A/2020|2020-05-27|EPI_ISL_535094|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Ireland/TA-UHL11/2020|2020-03-31|EPI_ISL_681764|Original|hCoV-19^^Tipperary|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/205120686/2020|2020-12-15|EPI_ISL_766310|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Ireland/WD-NVRL-20IRL03398/2020|2020-08-17|EPI_ISL_578240|Original|hCoV-19^^Waterford|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Spain/IB-IBV-002495/2020|2020-03-19|EPI_ISL_467058|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B73498/2020|2020-11-12|EPI_ISL_662390|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9447A8/2020|2020-06-07|EPI_ISL_555650|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/NVS-RII-MH2810S/2020|2020-09-25|EPI_ISL_639959|Original|hCoV-19^^Novosibirsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-CZB-15001/2020|2020-11-18|EPI_ISL_738780|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-549/2020|2020-04-06|EPI_ISL_544812|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-94E5E0/2020|2020-06-17|EPI_ISL_555355|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205141230/2020|2020-12-16|EPI_ISL_756160|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/England/CAMC-94BD45/2020|2020-07-17|EPI_ISL_556700|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-UW-4307/2020|2020-03-31|EPI_ISL_430942|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-2148/2020|2020-05-20|EPI_ISL_545144|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A50B9D/2020|2020-10-07|EPI_ISL_597873|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9CF30B/2020|2020-09-17|EPI_ISL_601910|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13511D/2020|2020-04-06|EPI_ISL_457033|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-448/2020|2020-08-12|EPI_ISL_523786|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NM-UNM-00814/2020|2020-05-13|EPI_ISL_610257|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Scotland/CVR2134/2020|2020-04-10|EPI_ISL_453022|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC5828/2020|2020-07-22|EPI_ISL_518622|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-CB0E3/2020|2020-04-19|EPI_ISL_462048|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20003891/2020|2020-03-19|EPI_ISL_463314|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Denmark/DCGC-2777/2020|2020-08-24|EPI_ISL_616612|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A0E5F/2020|2020-12-10|EPI_ISL_743584|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7C193/2020|2020-04-14|EPI_ISL_434004|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20129/2020|2020-03-10|EPI_ISL_436802|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/UT-UPHL-2012203505/2020|2020-08-11|EPI_ISL_745479|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-4291/2020|2020-06-19|EPI_ISL_543501|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9F513F/2020|2020-09-27|EPI_ISL_638657|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH-144/2020|2020-03-11|EPI_ISL_452023|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00243460/2020|2020-03-30|EPI_ISL_536362|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/QEUEH-B82681/2020|2020-11-14|EPI_ISL_661877|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0562/2020|2020-03-12|EPI_ISL_475912|Original|hCoV-19^^Ischgl|Human|Klinikum Wels-Grieskirchen|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/CA-CZB-14088/2020|2020-06-22|EPI_ISL_739164|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20882/2020|2020-05-16|EPI_ISL_471903|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-A7D3ED/2020|2020-10-13|EPI_ISL_606403|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA3A4/2020|2020-04-16|EPI_ISL_443538|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B3618B/2020|2020-11-05|EPI_ISL_645440|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B05A3F/2020|2020-10-25|EPI_ISL_652215|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/20132000804/2020|2020-03-23|EPI_ISL_423702|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-8739/2020|2020-08-00|EPI_ISL_686335|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC20416/2020|2020-03-16|EPI_ISL_452290|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/BS-42414282/2020|2020-08-27|EPI_ISL_581991|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/QEUH-96D91C/2020|2020-08-20|EPI_ISL_534538|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99007192/2020|2020-03-08|EPI_ISL_541951|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Japan/PG-4191/2020|2020-07-00|EPI_ISL_692430|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10334/2020|2020-11-02|EPI_ISL_669906|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1315/2020|2020-03-24|EPI_ISL_495614|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/LIVE-1DD7D9/2020|2020-10-02|EPI_ISL_611600|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-1722F3/2020|2020-03-30|EPI_ISL_469983|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-139252/2020|2020-10-26|EPI_ISL_664686|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC6192/2020|2020-07-22|EPI_ISL_518194|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-EFCC7/2020|2020-00-00|EPI_ISL_549379|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2969/2020|2020-09-07|EPI_ISL_667436|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/UT-QDX-2491/2020|2020-03-12|EPI_ISL_604853|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/SHEF-D2C5E/2020|2020-11-10|EPI_ISL_680195|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1855/2020|2020-03-17|EPI_ISL_604104|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/OXON-AF197/2020|2020-03-17|EPI_ISL_448818|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-F9073/2020|2020-11-24|EPI_ISL_705332|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3087/2020|2020-09-06|EPI_ISL_635839|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22460/2020|2020-11-04|EPI_ISL_708558|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Russia/KLU-RII-MH3423S/2020|2020-10-06|EPI_ISL_733144|Original|hCoV-19^^Kaluga|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-A6545E/2020|2020-10-11|EPI_ISL_608432|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1918/2020|2020-03-25|EPI_ISL_776249|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-B7529C/2020|2020-11-12|EPI_ISL_661999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9954FC/2020|2020-08-25|EPI_ISL_552347|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3E147/2020|2020-11-01|EPI_ISL_706262|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21589/2020|2020-03-26|EPI_ISL_516316|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-15C8C0/2020|2020-03-31|EPI_ISL_472552|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0361/2020|2020-10-22|EPI_ISL_648297|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Sweden/RV-FOI-5/2020|2020-03-19|EPI_ISL_549024|Original|hCoV-19^^Vasterbotten|Human|Klinisk mikrobiologi|Unit for Biological Agents|Sjodin|Sweden

>Spike|hCoV-19/USA/CA-ALSR-2929/2020|2020-07-17|EPI_ISL_635736|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1246/2020|2020-00-00|EPI_ISL_763315|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-Wadsworth-97873-01/2020|2020-05-13|EPI_ISL_676929|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Northern Ireland/QEUI-963FE7/2020|2020-08-12|EPI_ISL_536886|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-310469/2020|2020-10-07|EPI_ISL_603540|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-20934/2020|2020-12-21|EPI_ISL_759455|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-1B79B03/2020|2020-11-25|EPI_ISL_741449|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-3297/2020|2020-04-00|EPI_ISL_691412|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-C321F7/2020|2020-12-11|EPI_ISL_730831|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0752D/2020|2020-10-31|EPI_ISL_643820|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15834/2020|2020-11-23|EPI_ISL_714050|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-ADNH/2020|2020-06-25|EPI_ISL_513274|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/USA/TX-HMH-5712/2020|2020-06-20|EPI_ISL_546962|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7C940/2020|2020-04-05|EPI_ISL_442819|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC455/2020|2020-04-20|EPI_ISL_435521|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-1AF55E/2020|2020-05-08|EPI_ISL_448080|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01178/2020|2020-06-00|EPI_ISL_548800|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMC-B22683/2020|2020-11-02|EPI_ISL_647286|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2288/2020|2020-10-06|EPI_ISL_644533|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Australia/VIC14241/2020|2020-08-04|EPI_ISL_592410|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-2952AE/2020|2020-03-31|EPI_ISL_488545|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1860/2020|2020-03-23|EPI_ISL_424289|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/UT-UPHL-2012038111/2020|2020-07-27|EPI_ISL_745705|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/ARA74567/2020|2020-09-17|EPI_ISL_639978|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Centre Hospitalier Saint Joseph Saint Luc|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/WI-WSLH-200300/2020|2020-04-17|EPI_ISL_578484|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUA-9A4551/2020|2020-09-01|EPI_ISL_540228|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00462/2020|2020-07-02|EPI_ISL_717857|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Scotland/CVR20/2020|2020-03-13|EPI_ISL_425730|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB5376/2020|2020-03-31|EPI_ISL_457012|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19565/2020|2020-11-30|EPI_ISL_783937|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/LR00077/2020|2020-07-13|EPI_ISL_514388|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/QEUA-AD2F88/2020|2020-10-26|EPI_ISL_629786|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-969DBA/2020|2020-08-14|EPI_ISL_530809|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0384/2020|2020-03-31|EPI_ISL_434972|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC539/2020|2020-03-30|EPI_ISL_444656|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/20154089204/2020|2020-04-05|EPI_ISL_466276|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_5553/2020|2020-03-18|EPI_ISL_530350|Original|hCoV-19^^Brno|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/ALDP-9E5D01/2020|2020-09-24|EPI_ISL_589325|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B41378/2020|2020-11-08|EPI_ISL_658642|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C347E4/2020|2020-12-11|EPI_ISL_734024|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10B30DC/2020|2020-06-04|EPI_ISL_537211|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20124002002/2020|2020-03-17|EPI_ISL_418687|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3633/2020|2020-07-23|EPI_ISL_548359|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WA-S1561/2020|2020-05-26|EPI_ISL_495987|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/LOND-D50B9/2020|2020-04-15|EPI_ISL_444200|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-8DAA09/2020|2020-06-25|EPI_ISL_557096|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3269/2020|2020-08-31|EPI_ISL_616265|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/OR-ILSCV29666/2020|2020-05-23|EPI_ISL_481130|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Netherlands/ZH-EMC-307/2020|2020-07-04|EPI_ISL_523649|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-21656/2020|2020-12-21|EPI_ISL_758290|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A6B8A/2020|2020-09-02|EPI_ISL_550237|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S130/2020|2020-03-13|EPI_ISL_430167|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-BDC7A3/2020|2020-11-27|EPI_ISL_709578|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124463/2020|2020-04-08|EPI_ISL_492774|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-80/2020|2020-08-16|EPI_ISL_539596|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Japan/PG-1638/2020|2020-04-00|EPI_ISL_685244|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-QDX-2548/2020|2020-03-16|EPI_ISL_604872|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/PORT-2CF751/2020|2020-05-19|EPI_ISL_461980|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6555/2020|2020-10-12|EPI_ISL_619603|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1BC4F/2020|2020-11-01|EPI_ISL_645781|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8573/2020|2020-10-26|EPI_ISL_625954|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR2982/2020|2020-04-23|EPI_ISL_439002|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B1FDC0/2020|2020-11-01|EPI_ISL_647796|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2198/2020|2020-03-15|EPI_ISL_604566|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/OV-EMC-68/2020|2020-06-13|EPI_ISL_523452|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Singapore/115/2020|2020-03-18|EPI_ISL_443207|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Canada/ON-PHL-20-01193/2020|2020-06-00|EPI_ISL_548815|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/WA-S1088/2020|2020-04-29|EPI_ISL_463578|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-2815A/2020|2020-03-25|EPI_ISL_432170|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB6608/2020|2020-06-22|EPI_ISL_484683|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-94DC19/2020|2020-06-18|EPI_ISL_555584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/Donner9/2020|2020-04-06|EPI_ISL_438954|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/Russia/SPE-RII-17942V/2020|2020-05-27|EPI_ISL_524016|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/ME-HETL-J0387/2020|2020-12-15|EPI_ISL_755501|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Japan/NGY-NNH-005/2020|2020-04-07|EPI_ISL_568560|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/Luxembourg/LNS0084824/2020|2020-11-16|EPI_ISL_739708|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B5C9B4/2020|2020-11-08|EPI_ISL_655884|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_273/2020|2020-03-30|EPI_ISL_422584|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/EXET-13A770/2020|2020-11-09|EPI_ISL_664401|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2C6C/2020|2020-10-22|EPI_ISL_625218|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32F44/2020|2020-04-14|EPI_ISL_446712|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20139069404/2020|2020-03-29|EPI_ISL_423360|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F0617/2020|2020-09-24|EPI_ISL_580745|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035812504/2020|2020-09-04|EPI_ISL_583310|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/UT-UPHL-201005514/2020|2020-06-22|EPI_ISL_594040|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah12/2020|2020-03-23|EPI_ISL_437465|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Japan/PG-0215/2020|2020-03-01|EPI_ISL_479915|Original|hCoV-19^^Kanto|Human|Niigata City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16C3BD/2020|2020-09-23|EPI_ISL_574049|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDEAC/2020|2020-05-03|EPI_ISL_589568|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11291/2020|2020-07-18|EPI_ISL_563319|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-14965/2020|2020-11-23|EPI_ISL_713552|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/202600045/2020|2020-06-05|EPI_ISL_566054|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BRIS-123710/2020|2020-04-06|EPI_ISL_442650|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC4034/2020|2020-07-08|EPI_ISL_519419|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-602/2020|2020-04-09|EPI_ISL_547172|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB5519/2020|2020-04-22|EPI_ISL_487932|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D6C3C/2020|2020-03-30|EPI_ISL_478415|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-A0689F/2020|2020-10-01|EPI_ISL_599876|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB55A5/2020|2020-12-20|EPI_ISL_761775|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-0837/2020|2020-07-07|EPI_ISL_535650|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Zimbabwe/ZW-25/2020|2020-03-01|EPI_ISL_647977|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/England/MILK-BAC1EA/2020|2020-11-18|EPI_ISL_783126|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-291DFC/2020|2020-05-05|EPI_ISL_489107|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8A08/2020|2020-10-29|EPI_ISL_651674|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Sweden/20-52048/2020|2020-06-09|EPI_ISL_510868|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi NAL Trollhattan|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-49A31D/2020|2020-12-01|EPI_ISL_727528|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/SAP374/2020|2020-03-20|EPI_ISL_492139|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/CAMB-77550/2020|2020-04-01|EPI_ISL_439454|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/BC_04346268/2020|2020-04-00|EPI_ISL_466766|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Wales/PHWC-498546/2020|2020-12-01|EPI_ISL_727090|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1035/2020|2020-08-25|EPI_ISL_653725|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21701/2020|2020-03-25|EPI_ISL_529820|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Germany/HH-hpi-p2429/2020|2020-04-20|EPI_ISL_776498|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-4960CF/2020|2020-11-25|EPI_ISL_726529|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1139-8123/2020|2020-04-06|EPI_ISL_753940|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/PORT-2E9180/2020|2020-12-18|EPI_ISL_763624|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Slovenia/4499/2020|2020-03-05|EPI_ISL_635207|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/QEUH-C33B16/2020|2020-12-11|EPI_ISL_734031|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0125/2020|2020-06-11|EPI_ISL_522952|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/HI-H200567/2020|2020-10-24|EPI_ISL_753095|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-B23E20/2020|2020-11-04|EPI_ISL_646343|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-931/2020|2020-10-15|EPI_ISL_722507|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OR-PROV-035/2020|2020-03-26|EPI_ISL_482317|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/USA/NC-CDC-2-4693552/2020|2020-11-09|EPI_ISL_747175|Original|hCoV-19^^North Carolina|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Australia/SAP057/2020|2020-03-27|EPI_ISL_451096|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Switzerland/LU-ETHZ-350472/2020|2020-11-03|EPI_ISL_728826|Original|hCoV-19^^Lucerne|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/204961136/2020|2020-12-03|EPI_ISL_700691|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3797/2020|2020-06-13|EPI_ISL_543201|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C9267/2020|2020-05-23|EPI_ISL_475418|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004591/2020|2020-11-07|EPI_ISL_660621|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/AZ-TG666102/2020|2020-03-27|EPI_ISL_696192|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-15933/2020|2020-11-23|EPI_ISL_714491|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA08F1/2020|2020-10-21|EPI_ISL_625029|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DEF7/2020|2020-09-28|EPI_ISL_585639|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUIH-7A4D4C/2020|2020-07-14|EPI_ISL_533177|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200044478/2020|2020-11-06|EPI_ISL_666761|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/201090820/2020|2020-03-04|EPI_ISL_464608|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/607/2020|2020-07-01|EPI_ISL_490057|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Luxembourg/LNS9726231/2020|2020-11-24|EPI_ISL_744972|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-BBB75F/2020|2020-11-21|EPI_ISL_705561|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9EE0D2/2020|2020-05-06|EPI_ISL_589557|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_SM-01/2020|2020-07-04|EPI_ISL_774919|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-13965/2020|2020-11-30|EPI_ISL_711481|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-24F27/2020|2020-03-22|EPI_ISL_420956|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG312514/2020|2020-05-16|EPI_ISL_694323|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-94FF96/2020|2020-06-15|EPI_ISL_555150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1668/2020|2020-03-18|EPI_ISL_603919|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/France/ARA-27286/2020|2020-04-19|EPI_ISL_676570|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-80967/2020|2020-04-10|EPI_ISL_443036|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/OXON-B28E7/2020|2020-04-10|EPI_ISL_534780|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-368/2020|2020-11-26|EPI_ISL_718049|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/QEUEH-9E36AE/2020|2020-09-24|EPI_ISL_584864|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14939/2020|2020-11-29|EPI_ISL_738736|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-15DA9C/2020|2020-05-14|EPI_ISL_472757|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2512/2020|2020-06-17|EPI_ISL_514915|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-B67B83/2020|2020-11-11|EPI_ISL_661493|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-QDX-30/2020|2020-03-13|EPI_ISL_467904|Original|hCoV-19^^Pennsylvania|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Belgium/reg-09221140/2020|2020-09-22|EPI_ISL_738233|Original|hCoV-19^^Kumtich|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/CVR453/2020|2020-03-23|EPI_ISL_439080|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7B06/2020|2020-10-20|EPI_ISL_638359|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00610/2020|2020-05-11|EPI_ISL_560325|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/South Korea/KCDC2641/2020|2020-07-09|EPI_ISL_515043|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/WA-S771/2020|2020-04-13|EPI_ISL_449941|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Northern Ireland/NIRE-107299/2020|2020-03-31|EPI_ISL_585132|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Australia/VIC12258/2020|2020-07-23|EPI_ISL_591938|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17600/2020|2020-12-14|EPI_ISL_751097|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22425/2020|2020-11-09|EPI_ISL_708258|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/CAMC-B7B0C9/2020|2020-11-12|EPI_ISL_668108|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13379/2020|2020-11-30|EPI_ISL_712762|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16D149/2020|2020-09-24|EPI_ISL_572932|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Friesland_30/2020|2020-04-18|EPI_ISL_460845|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B967A5/2020|2020-11-14|EPI_ISL_676126|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4A8376/2020|2020-06-11|EPI_ISL_559535|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47EF75/2020|2020-10-06|EPI_ISL_612608|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-7670/2020|2020-04-17|EPI_ISL_570189|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-96BED3/2020|2020-08-13|EPI_ISL_531295|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B26027/2020|2020-11-04|EPI_ISL_646715|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-002054/2020|2020-03-15|EPI_ISL_452375|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ella. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-8191/2020|2020-07-07|EPI_ISL_784256|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B51E56/2020|2020-11-06|EPI_ISL_657957|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124F44/2020|2020-03-26|EPI_ISL_443832|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670099/2020|2020-05-02|EPI_ISL_696321|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/WA-S1618/2020|2020-05-26|EPI_ISL_496044|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-82B6F/2020|2020-04-22|EPI_ISL_438664|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/VIC17846/2020|2020-07-27|EPI_ISL_779497|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/USA/WA-S1057/2020|2020-04-30|EPI_ISL_463547|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-260158/2020|2020-08-26|EPI_ISL_539452|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-A5DDF4/2020|2020-10-12|EPI_ISL_597389|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-21154/2020|2020-04-07|EPI_ISL_508991|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/env/Qingdao/IVDC-05-10/2020|2020-09-24|EPI_ISL_591274|Original|hCoV-19^^Shandong|Environment|National Institute for Viral Disease Control and Prevention|National Institute for Viral Disease Control and Prevention|Chen|China

>Spike|hCoV-19/England/ALDP-9BE484/2020|2020-09-09|EPI_ISL_567928|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-243231-01/2020|2020-10-11|EPI_ISL_734346|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/VIC5474/2020|2020-07-20|EPI_ISL_520223|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-A27/2020|2020-11-24|EPI_ISL_755725|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUEH-B9EC35/2020|2020-11-18|EPI_ISL_719756|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F7E02/2020|2020-11-13|EPI_ISL_650502|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-DB2CDF/2020|2020-11-01|EPI_ISL_637976|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AA586/2020|2020-08-12|EPI_ISL_539649|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/BRIS-12EF68/2020|2020-04-25|EPI_ISL_488271|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-360261/2020|2020-11-09|EPI_ISL_729238|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-9B89E5/2020|2020-09-07|EPI_ISL_549582|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC670/2020|2020-04-14|EPI_ISL_444787|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Hong Kong/VM20002588/2020|2020-02-13|EPI_ISL_413497|Original|hCoV-19^^Hong Kong|Human|Ruttonjee Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/India/DL-NCDC5643-CSIR-IGIB/2020|2020-05-25|EPI_ISL_482607|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/USA/UT-UPHL-2009244/2020|2020-05-12|EPI_ISL_525233|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/LA-EVTL1316/2020|2020-12-11|EPI_ISL_778982|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WA-UW398/2020|2020-03-29|EPI_ISL_529200|Original|hCoV-19^^Washington|Human|University of Washington|University of Washington|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-13276/2020|2020-11-30|EPI_ISL_712699|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC6E3C/2020|2020-11-24|EPI_ISL_705926|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Portugal/PT0169/2020|2020-03-28|EPI_ISL_453885|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUEH-BCC1B7/2020|2020-11-27|EPI_ISL_704390|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0350/2020|2020-10-20|EPI_ISL_648289|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/MILK-ACBEB2/2020|2020-10-20|EPI_ISL_709915|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S167/2020|2020-03-18|EPI_ISL_430205|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/BRIS-1853B20/2020|2020-04-25|EPI_ISL_492416|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/1486/2020|2020-04-08|EPI_ISL_434711|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/England/PORT-2E9CBC/2020|2020-00-00|EPI_ISL_706876|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/NORW-F77BC/2020|2020-12-02|EPI_ISL_704070|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/P4-1/2020|2020-03-11|EPI_ISL_419301|Original|hCoV-19^^Saitama|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9A564E/2020|2020-09-03|EPI_ISL_550155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9B51E0/2020|2020-09-03|EPI_ISL_590195|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00488/2020|2020-05-02|EPI_ISL_693079|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/MILK-A47461/2020|2020-10-05|EPI_ISL_598304|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10815/2020|2020-07-06|EPI_ISL_583067|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Luxembourg/LNS3343013/2020|2020-10-26|EPI_ISL_740292|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/United Arab Emirates/L5857/2020|2020-03-31|EPI_ISL_469279|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Netherlands/NA_27/2020|2020-03-13|EPI_ISL_415484|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-164E4B/2020|2020-05-23|EPI_ISL_479388|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21036/2020|2020-12-21|EPI_ISL_759518|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC966/2020|2020-03-27|EPI_ISL_430653|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-1789/2020|2020-05-00|EPI_ISL_685395|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG496036/2020|2020-07-10|EPI_ISL_695264|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/India/MH-ACTREC-484/2020|2020-08-13|EPI_ISL_700132|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/NY-Wadsworth-278038-01/2020|2020-11-22|EPI_ISL_754597|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-5D1F15/2020|2020-06-19|EPI_ISL_558521|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15348/2020|2020-11-23|EPI_ISL_713776|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-2235/2020|2020-11-03|EPI_ISL_734215|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/WA-S1309/2020|2020-05-14|EPI_ISL_495759|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-7DC55/2020|2020-04-05|EPI_ISL_441679|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4B2AF/2020|2020-10-08|EPI_ISL_637825|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-ABC009/2020|2020-10-22|EPI_ISL_631032|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3B64B/2020|2020-11-02|EPI_ISL_706072|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-3827/2020|2020-07-00|EPI_ISL_692078|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-12682/2020|2020-11-16|EPI_ISL_682863|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-01274/2020|2020-06-00|EPI_ISL_548882|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/South Korea/KCDC2497/2020|2020-06-15|EPI_ISL_514900|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/20176041404/2020|2020-04-21|EPI_ISL_465412|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15987/2020|2020-11-23|EPI_ISL_738723|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18948/2020|2020-11-25|EPI_ISL_785242|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/skmc-3891274/2020|2020-09-23|EPI_ISL_582683|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/USA/TX-DSHS-1515/2020|2020-06-22|EPI_ISL_683430|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NY-PV09142/2020|2020-03-20|EPI_ISL_422513|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/CA-SCCPHD-UC164/2020|2020-03-12|EPI_ISL_435643|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/ALDP-59977B/2020|2020-06-08|EPI_ISL_558379|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-974596/2020|2020-08-17|EPI_ISL_575769|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-96F3D0/2020|2020-08-17|EPI_ISL_534475|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A0A6A/2020|2020-12-10|EPI_ISL_743534|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC5913/2020|2020-07-21|EPI_ISL_518692|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A44F81/2020|2020-10-06|EPI_ISL_598612|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547344/2020|2020-07-06|EPI_ISL_695492|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/FL-BPHL-1234/2020|2020-05-28|EPI_ISL_541158|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Portugal/PT0009/2020|2020-03-08|EPI_ISL_417994|Original|hCoV-19^^Portugal|Human|CHULC - H Curry Cabral|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-DSHS-1427/2020|2020-06-23|EPI_ISL_671639|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WI-UW-1730/2020|2020-09-09|EPI_ISL_605603|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/New Zealand/20CV0369/2020|2020-09-24|EPI_ISL_579111|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-HMH-MCoV-19080/2020|2020-11-24|EPI_ISL_783614|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-8536/2020|2020-10-26|EPI_ISL_625896|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-978662/2020|2020-07-31|EPI_ISL_550510|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG640815/2020|2020-04-27|EPI_ISL_695772|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-BBAFD0/2020|2020-11-20|EPI_ISL_701778|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA980/2020|2020-09-24|EPI_ISL_580124|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11543/2020|2020-09-11|EPI_ISL_790050|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/1043/2020|2020-06-11|EPI_ISL_698118|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/CVR5827/2020|2020-11-14|EPI_ISL_665439|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3084/2020|2020-00-00|EPI_ISL_579414|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-A41F0C/2020|2020-10-06|EPI_ISL_609335|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01286/2020|2020-06-00|EPI_ISL_548891|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-4A4978/2020|2020-12-14|EPI_ISL_763413|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10D0FEB/2020|2020-12-18|EPI_ISL_742030|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/IC-0139/2020|2020-09-00|EPI_ISL_667568|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC4509/2020|2020-07-17|EPI_ISL_518920|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-AAD117/2020|2020-10-21|EPI_ISL_652941|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Croatia/Zagreb-10/2020|2020-09-30|EPI_ISL_710568|Original|hCoV-19^^Zagreb|Human|University Hospital Dubrava|Ru\u0111er Bo\u0161kovic Institute; Forensic Science Centre Ivan Vu\u010deti\u0107; University of Zagreb Faculty of Science|Karlic|Croatia

>Spike|hCoV-19/USA/CA-IGI-0703/2020|2020-07-28|EPI_ISL_677876|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/AZ-TG268770/2020|2020-03-19|EPI_ISL_426511|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|Lemmer|USA

>Spike|hCoV-19/England/SHEF-C0AFF/2020|2020-09-27|EPI_ISL_573687|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-A59754/2020|2020-10-08|EPI_ISL_597129|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH230/2020|2020-11-15|EPI_ISL_755080|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Peru/LIM-INS-009/2020|2020-03-08|EPI_ISL_489987|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/Japan/PG-1072/2020|2020-04-00|EPI_ISL_684682|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-10097/2020|2020-04-06|EPI_ISL_427348|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MD-MDH-0078/2020|2020-05-25|EPI_ISL_509482|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Japan/PG-2630/2020|2020-04-00|EPI_ISL_690762|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Morocco/FMP-13/2020|2020-11-00|EPI_ISL_728297|Original|hCoV-19^^Rabat|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Oudghiri|Morocco

>Spike|hCoV-19/Iceland/163/2020|2020-03-14|EPI_ISL_417775|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Wales/PHWC-2B588/2020|2020-04-10|EPI_ISL_445728|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290723-01/2020|2020-12-20|EPI_ISL_767551|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/BIRM-5FF9C/2020|2020-00-00|EPI_ISL_461543|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/BRIS-123938/2020|2020-04-07|EPI_ISL_442669|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Portugal/PT1443/2020|2020-03-24|EPI_ISL_511402|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Netherlands/GE-RIVM-10382/2020|2020-10-09|EPI_ISL_636536|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/LIVE-A2B69/2020|2020-05-19|EPI_ISL_499925|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3012/2020|2020-07-12|EPI_ISL_635786|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-2257/2020|2020-04-00|EPI_ISL_685862|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9C4EE7/2020|2020-09-10|EPI_ISL_567634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15935/2020|2020-11-23|EPI_ISL_714272|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1529/2020|2020-03-00|EPI_ISL_685135|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B02337/2020|2020-10-23|EPI_ISL_643008|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC7C5/2020|2020-10-21|EPI_ISL_634467|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2862/2020|2020-04-21|EPI_ISL_473603|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/DRC/3453/2020|2020-04-22|EPI_ISL_447599|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-HMH-MCoV-10635/2020|2020-07-08|EPI_ISL_789569|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-992170/2020|2020-08-27|EPI_ISL_540652|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-0504/2020|2020-06-05|EPI_ISL_526090|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/CAMC-A81B93/2020|2020-10-14|EPI_ISL_610903|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-950F56/2020|2020-06-14|EPI_ISL_554157|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E525/2020|2020-11-12|EPI_ISL_680872|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB615/2020|2020-09-16|EPI_ISL_575574|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACE5D8/2020|2020-10-21|EPI_ISL_629519|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-400346/2020|2020-12-08|EPI_ISL_729176|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/EXET-138569/2020|2020-10-18|EPI_ISL_612400|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUH-95F1BB/2020|2020-08-07|EPI_ISL_532290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4250/2020|2020-07-00|EPI_ISL_692480|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/QC_AE6/2020|2020-04-06|EPI_ISL_463906|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Brazil/SP-L14-CD250/2020|2020-03-27|EPI_ISL_476250|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/South Africa/N00017/2020|2020-08-06|EPI_ISL_623029|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/IL-NM022/2020|2020-03-15|EPI_ISL_444532|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Japan/PG-5394/2020|2020-08-00|EPI_ISL_690497|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-48BB08/2020|2020-11-06|EPI_ISL_666324|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1146047/2020|2020-10-26|EPI_ISL_739896|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-13688/2020|2020-11-30|EPI_ISL_712194|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5082/2020|2020-08-00|EPI_ISL_690192|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-112DA9/2020|2020-07-17|EPI_ISL_499269|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1450/2020|2020-04-07|EPI_ISL_549232|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Italy/VEN-UniVR-54/2020|2020-03-12|EPI_ISL_751364|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/QEUA-B69AA2/2020|2020-11-11|EPI_ISL_661480|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6CBA2B/2020|2020-07-02|EPI_ISL_556140|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA91B/2020|2020-11-23|EPI_ISL_703339|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC82D7/2020|2020-10-21|EPI_ISL_629207|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A64BB4/2020|2020-10-11|EPI_ISL_608624|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2003120922/2020|2020-03-11|EPI_ISL_677269|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/WA-UW-47087/2020|2020-12-15|EPI_ISL_756225|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Equatorial Guinea/16819/2020|2020-06-10|EPI_ISL_648361|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/USA/MN-CDC-6568/2020|2020-04-19|EPI_ISL_527732|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Switzerland/BLETHZ-360156/2020|2020-11-06|EPI_ISL_693928|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-5169/2020|2020-08-00|EPI_ISL_690272|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-8021/2020|2020-08-00|EPI_ISL_687122|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CSMC128/2020|2020-04-09|EPI_ISL_475605|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Germany/BE-ChVir-D1952-5748/2020|2020-10-09|EPI_ISL_753882|Original|hCoV-19^^Berlin|Human|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Netherlands/UT-EMC-105/2020|2020-09-28|EPI_ISL_632461|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/BS-42221749/2020|2020-04-06|EPI_ISL_581867|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/TX-DSHS-0955/2020|2020-07-16|EPI_ISL_602252|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/New Zealand/20VR2108/2020|2020-04-15|EPI_ISL_456377|Original|hCoV-19^^MidCentral|Human|MedLab Central Ltd|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Wales/PHWC-49B74D/2020|2020-12-04|EPI_ISL_742378|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-CA5159/2020|2020-12-17|EPI_ISL_762407|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4655/2020|2020-05-08|EPI_ISL_493910|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUH-AD3637/2020|2020-10-26|EPI_ISL_633780|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B71FA5/2020|2020-11-22|EPI_ISL_706329|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2008210131/2020|2020-08-20|EPI_ISL_710325|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_79/2020|2020-03-26|EPI_ISL_422947|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-B127CF/2020|2020-11-02|EPI_ISL_649585|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020229805/2020|2020-07-20|EPI_ISL_535297|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Scotland/CVR2770/2020|2020-04-20|EPI_ISL_438978|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-74AF7F/2020|2020-06-30|EPI_ISL_557444|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01217/2020|2020-06-00|EPI_ISL_548839|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMC-A64A5D/2020|2020-10-10|EPI_ISL_608996|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-05469/2020|2020-03-10|EPI_ISL_434644|Original|hCoV-19^^Stockholm|Human|Kungsholmsdoktorn|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-9E046B/2020|2020-09-20|EPI_ISL_601302|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4613/2020|2020-09-30|EPI_ISL_635098|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Wales/PHWC-48C150/2020|2020-11-03|EPI_ISL_666399|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CE041/2020|2020-09-16|EPI_ISL_566276|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S581/2020|2020-03-30|EPI_ISL_434341|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC14276/2020|2020-08-04|EPI_ISL_592429|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYUMC323/2020|2020-04-02|EPI_ISL_430350|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/EDB4674/2020|2020-05-09|EPI_ISL_478181|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12886/2020|2020-06-29|EPI_ISL_570923|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/NSW317/2020|2020-03-31|EPI_ISL_451580|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/EDB4881/2020|2020-05-13|EPI_ISL_453169|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-AC7BDD/2020|2020-10-22|EPI_ISL_634472|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20509/2020|2020-05-08|EPI_ISL_460557|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/BS-42378086/2020|2020-08-03|EPI_ISL_581934|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/WA-S2740/2020|2020-07-16|EPI_ISL_525730|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC9899/2020|2020-08-25|EPI_ISL_565770|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-811/2020|2020-06-22|EPI_ISL_509996|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-ACDF26/2020|2020-10-20|EPI_ISL_630286|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6579/2020|2020-05-10|EPI_ISL_478261|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/204661388/2020|2020-11-11|EPI_ISL_686575|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A3FB0D/2020|2020-10-05|EPI_ISL_609776|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA948/2020|2020-04-18|EPI_ISL_470243|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A598D9/2020|2020-10-09|EPI_ISL_596984|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3808/2020|2020-06-12|EPI_ISL_543212|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-77CA6/2020|2020-04-01|EPI_ISL_440822|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC15476/2020|2020-08-02|EPI_ISL_593323|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Kenya/C4895/2020|2020-05-08|EPI_ISL_568742|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/France/ARA-64293/2020|2020-08-26|EPI_ISL_683380|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-BEE42F/2020|2020-11-30|EPI_ISL_708912|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1472/2020|2020-03-27|EPI_ISL_518866|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC14638/2020|2020-08-02|EPI_ISL_592928|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-UCLA-11/2020|2020-04-17|EPI_ISL_537470|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/LIVE-DC2119/2020|2020-11-21|EPI_ISL_679400|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15928/2020|2020-07-10|EPI_ISL_785612|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-0674/2020|2020-06-17|EPI_ISL_525882|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/ALDP-9CCA09/2020|2020-09-16|EPI_ISL_573124|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-9829F3/2020|2020-08-10|EPI_ISL_552507|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00232073/2020|2020-03-22|EPI_ISL_535973|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-C2FEC9/2020|2020-12-07|EPI_ISL_782753|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1455/2020|2020-08-19|EPI_ISL_572198|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-9CBCC8/2020|2020-09-16|EPI_ISL_575603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3759/2020|2020-06-16|EPI_ISL_543170|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/QEUH-96209A/2020|2020-08-10|EPI_ISL_531652|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9D1184/2020|2020-09-16|EPI_ISL_589994|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99E5C3/2020|2020-08-31|EPI_ISL_550734|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C5A047/2020|2020-12-13|EPI_ISL_736173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2716/2020|2020-00-00|EPI_ISL_579335|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-AA2DE1/2020|2020-10-22|EPI_ISL_624004|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2EF8C/2020|2020-11-03|EPI_ISL_660055|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9AE487/2020|2020-09-02|EPI_ISL_637345|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7302/2020|2020-10-12|EPI_ISL_619300|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-2093/2020|2020-08-04|EPI_ISL_667114|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-AC9A47/2020|2020-10-21|EPI_ISL_630204|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-947D67/2020|2020-07-20|EPI_ISL_556529|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4930FF/2020|2020-11-28|EPI_ISL_725838|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42201258/2020|2020-03-21|EPI_ISL_528285|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Finland/23LS8F3/2020|2020-10-23|EPI_ISL_759792|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Russia/MOW-RII-MH4105S/2020|2020-05-12|EPI_ISL_733163|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/MA-MGH-00798/2020|2020-04-13|EPI_ISL_791770|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-AA459C/2020|2020-10-21|EPI_ISL_624359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C2FFB7/2020|2020-12-07|EPI_ISL_733889|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AACA0E/2020|2020-10-21|EPI_ISL_652885|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-76F26/2020|2020-04-01|EPI_ISL_439447|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-190081/2020|2020-07-06|EPI_ISL_500937|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-BFF50A/2020|2020-12-02|EPI_ISL_720727|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_515/2020|2020-04-01|EPI_ISL_460688|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S2635/2020|2020-06-20|EPI_ISL_497267|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Belgium/ULG-10665/2020|2020-10-26|EPI_ISL_636641|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WA-S2555/2020|2020-06-17|EPI_ISL_497187|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Brazil/RJ-00511/2020|2020-07-27|EPI_ISL_717902|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-9E5888/2020|2020-09-24|EPI_ISL_589270|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6489/2020|2020-06-27|EPI_ISL_546033|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4997/2020|2020-08-00|EPI_ISL_690110|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0420/2020|2020-03-25|EPI_ISL_454144|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Malaysia/5760/2020|2020-03-26|EPI_ISL_506999|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/England/ALDP-4AD362/2020|2020-06-14|EPI_ISL_559341|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP220/2020|2020-03-15|EPI_ISL_467995|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/VA-DCLS-1274/2020|2020-08-12|EPI_ISL_529960|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-1919/2020|2020-04-20|EPI_ISL_622512|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-1975/2020|2020-04-22|EPI_ISL_512273|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/SHEF-CBD91/2020|2020-11-10|EPI_ISL_653080|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498F2A/2020|2020-11-30|EPI_ISL_727230|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20098017104/2020|2020-02-27|EPI_ISL_464192|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B2618E/2020|2020-11-04|EPI_ISL_646784|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1234BF/2020|2020-04-06|EPI_ISL_442710|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/R13452-20/2020|2020-07-07|EPI_ISL_622940|Original|hCoV-19^^KwaZulu-Natal|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Spain/VC-IBV-98000395/2020|2020-03-13|EPI_ISL_539226|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-MDHHS-SC22298/2020|2020-11-10|EPI_ISL_708274|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Denmark/DCGC-3537/2020|2020-08-31|EPI_ISL_616330|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1146/2020|2020-05-05|EPI_ISL_463636|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-9810/2020|2020-11-09|EPI_ISL_669198|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8479/2020|2020-07-27|EPI_ISL_565044|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14407/2020|2020-10-07|EPI_ISL_787692|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Greece/42_36236/2020|2020-03-23|EPI_ISL_437899|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Switzerland/BE-ETHZ-410244/2020|2020-11-27|EPI_ISL_737599|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/BIRM-60FD4/2020|2020-05-15|EPI_ISL_473427|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMB-1AF05D/2020|2020-04-30|EPI_ISL_459296|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9A4481/2020|2020-09-01|EPI_ISL_540173|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00555/2020|2020-05-09|EPI_ISL_542975|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/WI-UW-2144/2020|2020-10-15|EPI_ISL_677548|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Belgium/ULG-10195/2020|2020-05-18|EPI_ISL_471430|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-B98F23/2020|2020-11-15|EPI_ISL_673559|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED7FC/2020|2020-05-05|EPI_ISL_589336|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D1C4/2020|2020-03-26|EPI_ISL_472680|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6090/2020|2020-06-29|EPI_ISL_547229|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20659/2020|2020-12-21|EPI_ISL_759282|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12EE7A/2020|2020-04-22|EPI_ISL_488405|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Beijing/IVDC-BJ-005/2020|2020-01-18|EPI_ISL_408485|Original|hCoV-19^^Beijing|Human|National Institute for Viral Disease Control and Prevention|National Institute for Viral Disease Control & Prevention|Tan|China

>Spike|hCoV-19/Portugal/PT1217/2020|2020-03-28|EPI_ISL_511760|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-8504/2020|2020-09-00|EPI_ISL_687603|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15058/2020|2020-11-23|EPI_ISL_713609|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NH-EMC-52/2020|2020-08-31|EPI_ISL_577848|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-C93929/2020|2020-12-17|EPI_ISL_777127|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3647/2020|2020-04-00|EPI_ISL_691900|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Vietnam/40230/2020|2020-08-00|EPI_ISL_759888|Original|hCoV-19^^Vietnam|Human|National Influenza Center|National Influenza Center|Ung|Vietnam

>Spike|hCoV-19/Scotland/EDB6697/2020|2020-05-07|EPI_ISL_507189|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000180/2020|2020-04-15|EPI_ISL_631715|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19493/2020|2020-11-30|EPI_ISL_783877|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-201103306/2020|2020-05-13|EPI_ISL_628975|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-ALSR-1504/2020|2020-04-02|EPI_ISL_494627|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49CEDE/2020|2020-12-09|EPI_ISL_742704|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR1416/2020|2020-04-01|EPI_ISL_438801|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC6865/2020|2020-07-27|EPI_ISL_564103|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/IA-GMF-25157/2020|2020-10-11|EPI_ISL_660917|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22673/2020|2020-11-18|EPI_ISL_737287|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/GCVR-170AB1/2020|2020-03-25|EPI_ISL_459588|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CBF444/2020|2020-12-20|EPI_ISL_778044|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20172027504/2020|2020-04-20|EPI_ISL_465335|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1640AF/2020|2020-05-10|EPI_ISL_474125|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-C5BBAF/2020|2020-12-14|EPI_ISL_769254|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-420534/2020|2020-12-22|EPI_ISL_768108|Original|hCoV-19^^Graub\u00fcden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S137/2020|2020-03-13|EPI_ISL_430174|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/South Africa/KRISP-K002881/2020|2020-09-04|EPI_ISL_602693|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-4248/2020|2020-06-18|EPI_ISL_543460|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20931/2020|2020-12-21|EPI_ISL_758786|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22352/2020|2020-11-17|EPI_ISL_708332|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Luxembourg/LNS3670718/2020|2020-11-17|EPI_ISL_740350|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Belgium/ULG-10980/2020|2020-09-09|EPI_ISL_707754|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Australia/VIC1489/2020|2020-04-27|EPI_ISL_456456|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/France/PAC-IHU-1347/2020|2020-08-19|EPI_ISL_569131|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-20286/2020|2020-11-30|EPI_ISL_748092|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20139010904/2020|2020-03-27|EPI_ISL_420660|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-AB7AE2/2020|2020-10-21|EPI_ISL_623455|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/01/2020|2020-03-16|EPI_ISL_434533|Original|hCoV-19^^Costa Rica|Human|Area de Salud Alajuela Sur|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/Netherlands/NA_345/2020|2020-04-05|EPI_ISL_455150|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/SAP137/2020|2020-03-26|EPI_ISL_451141|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH715/2020|2020-04-01|EPI_ISL_513187|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Scotland/QEUA-96EA54/2020|2020-08-19|EPI_ISL_534459|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11419/2020|2020-11-02|EPI_ISL_670908|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7649/2020|2020-08-00|EPI_ISL_686751|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-112978/2020|2020-04-21|EPI_ISL_493568|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Portugal/PT1797/2020|2020-11-08|EPI_ISL_732024|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-4324/2020|2020-06-20|EPI_ISL_543533|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-AB4M/2020|2020-06-23|EPI_ISL_513267|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/England/SHEF-CCE33/2020|2020-10-14|EPI_ISL_613388|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19217/2020|2020-11-24|EPI_ISL_783696|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/353/2020|2020-05-14|EPI_ISL_469108|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Scotland/EDB5825/2020|2020-04-27|EPI_ISL_487768|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-32819/2020|2020-10-16|EPI_ISL_737089|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Russia/KDA-RII-MH3351S/2020|2020-10-07|EPI_ISL_733098|Original|hCoV-19^^Krasnodar Krai|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUEH-9FA914/2020|2020-09-29|EPI_ISL_600571|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1614/2020|2020-04-25|EPI_ISL_530210|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NORW-21F594/2020|2020-12-08|EPI_ISL_725029|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/20169006104/2020|2020-04-17|EPI_ISL_465186|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB976/2020|2020-03-31|EPI_ISL_585256|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/C200032709/2020|2020-10-15|EPI_ISL_636707|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-A63380/2020|2020-10-12|EPI_ISL_596117|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/IC19/2020|2020-03-17|EPI_ISL_475572|Caco-2 P2|hCoV-19^^England|Human|Imperial College London|Imperial College London|Zhou|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B3B7/2020|2020-11-08|EPI_ISL_655288|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS31/2020|2020-04-10|EPI_ISL_522708|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Senegal/68488/2020|2020-06-17|EPI_ISL_482877|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/QEUEH-5DABDC/2020|2020-06-17|EPI_ISL_533340|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NT47/2020|2020-00-00|EPI_ISL_480694|Original|hCoV-19^^Northern Territory|Human|Royal Darwin Hospital Pathology|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BB149E/2020|2020-11-18|EPI_ISL_720084|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1951/2020|2020-07-27|EPI_ISL_618247|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1184/2020|2020-06-16|EPI_ISL_631646|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-B31A58/2020|2020-11-04|EPI_ISL_646229|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F06D4/2020|2020-10-14|EPI_ISL_595188|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-S1826/2020|2020-06-02|EPI_ISL_496252|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-48CA64/2020|2020-11-02|EPI_ISL_666499|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-360010/2020|2020-11-12|EPI_ISL_693870|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-UW-21732/2020|2020-08-05|EPI_ISL_570995|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-B345AF/2020|2020-11-05|EPI_ISL_659591|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A23A2D/2020|2020-10-03|EPI_ISL_637371|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7986348/2020|2020-11-26|EPI_ISL_744665|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-BC86BC/2020|2020-11-23|EPI_ISL_721217|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5060/2020|2020-09-21|EPI_ISL_621598|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-8327EA/2020|2020-07-17|EPI_ISL_557344|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A5844F/2020|2020-10-07|EPI_ISL_596932|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0257/2020|2020-03-30|EPI_ISL_569415|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/20136088702/2020|2020-03-25|EPI_ISL_420641|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2437/2020|2020-07-02|EPI_ISL_635478|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Sweden/20-22133/2020|2020-04-02|EPI_ISL_660381|Original|hCoV-19^^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/NSW1038/2020|2020-06-28|EPI_ISL_593690|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Brazil/CE-L17-CD362/2020|2020-03-31|EPI_ISL_476308|Original|hCoV-19^^Cear\u00e1|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/Scotland/QEUH-964B4C/2020|2020-08-13|EPI_ISL_531083|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15210/2020|2020-11-23|EPI_ISL_713695|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3983/2020|2020-07-15|EPI_ISL_563989|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20134060904/2020|2020-03-21|EPI_ISL_423149|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-08519/2020|2020-05-17|EPI_ISL_524282|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-48360F/2020|2020-10-22|EPI_ISL_627837|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-467434/2020|2020-05-20|EPI_ISL_559723|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6375/2020|2020-09-21|EPI_ISL_622290|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BB1865/2020|2020-11-18|EPI_ISL_720216|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0534/2020|2020-06-15|EPI_ISL_525834|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/Australia/WA412/2020|2020-05-27|EPI_ISL_672624|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Spain/AR-ISCI-201850/2020|2020-03-09|EPI_ISL_539519|Original|hCoV-19^^Aragon|Human|Hospital Universitario Miguel Servet|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Netherlands/NA_175/2020|2020-03-22|EPI_ISL_422710|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Africa/KRISP-K004621/2020|2020-11-03|EPI_ISL_660639|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-9A846F/2020|2020-09-02|EPI_ISL_550158|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20192/2020|2020-11-30|EPI_ISL_723346|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-8943/2020|2020-10-26|EPI_ISL_626161|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA0C22/2020|2020-10-21|EPI_ISL_624967|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0033/2020|2020-03-19|EPI_ISL_420019|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Northern Ireland/NIRE-2331F0/2020|2020-09-23|EPI_ISL_680266|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Latvia/089/2020|2020-07-09|EPI_ISL_512314|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/OR-OHSU-0235/2020|2020-04-04|EPI_ISL_509077|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-AC9151/2020|2020-10-22|EPI_ISL_709918|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA1EC/2020|2020-11-18|EPI_ISL_681389|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/128/2020|2020-03-21|EPI_ISL_443220|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/UT-UPHL-2009643/2020|2020-07-16|EPI_ISL_605318|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/20168035104/2020|2020-04-16|EPI_ISL_466612|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F7E54/2020|2020-09-27|EPI_ISL_589244|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D2373-2/2020|2020-04-22|EPI_ISL_527464|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/QEUEH-A370F7/2020|2020-10-05|EPI_ISL_706928|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-8175/2020|2020-07-00|EPI_ISL_687274|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-DA667/2020|2020-11-10|EPI_ISL_724651|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/NORT-2838DE/2020|2020-04-01|EPI_ISL_488577|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Utrecht_1/2020|2020-03-03|EPI_ISL_414435|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB10520/2020|2020-11-30|EPI_ISL_705777|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/MILK-994080/2020|2020-08-25|EPI_ISL_551652|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001466/2020|2020-11-27|EPI_ISL_683760|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-17509/2020|2020-12-14|EPI_ISL_751032|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012107439/2020|2020-06-18|EPI_ISL_746362|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Denmark/DCGC-14807/2020|2020-11-23|EPI_ISL_711998|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1423/2020|2020-06-22|EPI_ISL_671627|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MA-MGH-01290/2020|2020-05-05|EPI_ISL_791918|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/MN-MDH-2029/2020|2020-11-03|EPI_ISL_654710|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Japan/PG-8392/2020|2020-07-00|EPI_ISL_687491|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-C44C88/2020|2020-12-10|EPI_ISL_718609|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15733/2020|2020-07-09|EPI_ISL_785417|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LEED-2AA367/2020|2020-03-29|EPI_ISL_538819|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/NIC_4/2020|2020-04-09|EPI_ISL_476851|Original|hCoV-19^^Thessaloniki|Human|National Influenza Centre for Northern Greece|National Influenza Centre for Northern Greece|Christoforidi|Greece

>Spike|hCoV-19/England/QEUEH-9F57B5/2020|2020-09-25|EPI_ISL_588740|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC354b/2020|2020-06-25|EPI_ISL_514602|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Italy/LAZ-INMI-25/2020|2020-07-07|EPI_ISL_590693|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/USA/CA-QDX-2039/2020|2020-03-18|EPI_ISL_604319|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/QEUEH-B0DE86/2020|2020-11-02|EPI_ISL_647803|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5454756/2020|2020-03-20|EPI_ISL_744233|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-3001/2020|2020-04-00|EPI_ISL_691125|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS5340325/2020|2020-12-28|EPI_ISL_771115|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-5006/2020|2020-06-18|EPI_ISL_544453|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/CAM-IZSM-112/2020|2020-09-12|EPI_ISL_572320|Original|hCoV-19^^Campania|Human|IZSM|IZSM|Viscardi|Italy

>Spike|hCoV-19/Singapore/380/2020|2020-04-05|EPI_ISL_469129|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Uganda/UG073/2020|2020-08-24|EPI_ISL_737942|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/USA/TX-HMH-MCoV-18068/2020|2020-11-13|EPI_ISL_784416|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1615/2020|2020-05-07|EPI_ISL_456524|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1302/2020|2020-09-01|EPI_ISL_536674|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/United Arab Emirates/L2006030255/2020|2020-06-03|EPI_ISL_520678|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates
>Spike|hCoV-19/England/ALDP-94DA88/2020|2020-06-17|EPI_ISL_555200|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-8233/2020|2020-08-00|EPI_ISL_687332|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/QEUH-A21807/2020|2020-10-01|EPI_ISL_598845|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-11777/2020|2020-09-08|EPI_ISL_790108|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/IL-UW-141/2020|2020-04-07|EPI_ISL_427448|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Japan/PG-5464/2020|2020-08-00|EPI_ISL_690567|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/EXET-13936E/2020|2020-10-26|EPI_ISL_665064|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Wales/PHWC-49047E/2020|2020-10-30|EPI_ISL_706481|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC17399/2020|2020-00-00|EPI_ISL_663873|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/India/MH-ACTREC-264/2020|2020-07-08|EPI_ISL_699916|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Japan/PG-5279/2020|2020-08-00|EPI_ISL_690382|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/CVR2999/2020|2020-04-23|EPI_ISL_461615|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Jordan/IR-ALSR-5279/2020|2020-11-03|EPI_ISL_730517|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/Belgium/regA-0317857/2020|2020-03-17|EPI_ISL_734506|Original|hCoV-19^^M\u00e9clin|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/Argentina/PAIS-A0026/2020|2020-04-18|EPI_ISL_430817|Original|hCoV-19^^Ciudad Autonoma de Buenos Aires|Human|Laboratorio de Virolog\u00eda del Hospital de Ni\u00f1os Dr. Ricardo Gutierrez|\u00c1rea de Secuenciaci\u00f3n del Laboratorio de Virolog\u00eda del Hospital de Ni\u00f1os Dr. Ricardo Gutierrez|Viegas|Argentina
>Spike|hCoV-19/England/CAMC-946199/2020|2020-07-13|EPI_ISL_556655|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48751D/2020|2020-10-30|EPI_ISL_639206|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Japan/PG-7534/2020|2020-08-00|EPI_ISL_686636|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-6274/2020|2020-10-05|EPI_ISL_620034|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-DOH-2020616659/2020|2020-12-12|EPI_ISL_751823|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Japan/PG-2264/2020|2020-04-00|EPI_ISL_685869|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B0886F/2020|2020-10-29|EPI_ISL_643954|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABBAEE/2020|2020-10-21|EPI_ISL_631179|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0922/2020|2020-03-16|EPI_ISL_583774|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/CAMB-7D7CD/2020|2020-04-06|EPI_ISL_441732|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-B122FB/2020|2020-11-02|EPI_ISL_642507|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3BBA5/2020|2020-12-11|EPI_ISL_731013|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2325120/2020|2020-12-22|EPI_ISL_771053|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-94A326/2020|2020-07-27|EPI_ISL_556508|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-22297/2020|2020-03-29|EPI_ISL_660394|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/AZ-TG526048/2020|2020-07-20|EPI_ISL_695392|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B48274/2020|2020-11-07|EPI_ISL_649290|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Zimbabwe/ZW-9521/2020|2020-06-01|EPI_ISL_644815|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/Australia/VIC14655/2020|2020-08-13|EPI_ISL_592936|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BCA0AD/2020|2020-11-23|EPI_ISL_703274|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7837/2020|2020-08-00|EPI_ISL_686939|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-2E9D4/2020|2020-04-07|EPI_ISL_446096|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1888/2020|2020-05-28|EPI_ISL_496314|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-A6BDB7/2020|2020-10-09|EPI_ISL_609063|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12230/2020|2020-07-21|EPI_ISL_591935|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2009381/2020|2020-05-15|EPI_ISL_524973|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-16A328/2020|2020-09-06|EPI_ISL_535234|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4250/2020|2020-07-13|EPI_ISL_519578|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC5325/2020|2020-00-00|EPI_ISL_520088|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A57756/2020|2020-10-07|EPI_ISL_597427|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH-148/2020|2020-03-12|EPI_ISL_452025|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Scotland/EDB2885/2020|2020-04-01|EPI_ISL_488930|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5310/2020|2020-09-14|EPI_ISL_615241|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B9A52F/2020|2020-11-16|EPI_ISL_673483|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C39BC5/2020|2020-12-09|EPI_ISL_730719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/HDF-5666/2020|2020-04-03|EPI_ISL_443288|Original|hCoV-19^^Hauts-de-France|Human|Laboratoire de Microbiologie - B\u00e2timent A - CH Ren\u00e9 Dubois|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Australia/VIC11013/2020|2020-09-08|EPI_ISL_563198|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/N00133/2020|2020-07-06|EPI_ISL_623037|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/QEUA-A204E6/2020|2020-10-01|EPI_ISL_587636|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/5057/2020|2020-10-29|EPI_ISL_635086|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/QEUA-B7F61E/2020|2020-11-14|EPI_ISL_668258|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201380054/2020|2020-03-25|EPI_ISL_421809|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Chile/MA-CADIUMAG-34/2020|2020-08-12|EPI_ISL_681699|Original|hCoV-19^^Magallanes|Human|Molecular Medicine Laboratory|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

>Spike|hCoV-19/Czech Republic/NRL-10715/2020|2020-11-03|EPI_ISL_693684|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/USA/WA-S2683/2020|2020-06-21|EPI_ISL_497315|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A2FB00/2020|2020-10-05|EPI_ISL_586938|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B026A7/2020|2020-10-24|EPI_ISL_642806|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D847/2020|2020-10-06|EPI_ISL_586637|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A0318/2020|2020-05-23|EPI_ISL_472102|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5505/2020|2020-09-21|EPI_ISL_620830|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-3671/2020|2020-08-11|EPI_ISL_516746|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10349/2020|2020-07-08|EPI_ISL_789431|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-A8C4D9/2020|2020-10-18|EPI_ISL_643150|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-827/2020|2020-07-13|EPI_ISL_582323|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/NOTT-111DD7/2020|2020-05-03|EPI_ISL_472407|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47EACF/2020|2020-10-08|EPI_ISL_595549|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-130CF3/2020|2020-03-24|EPI_ISL_492682|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C92D5B/2020|2020-12-17|EPI_ISL_762123|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9F4F0/2020|2020-11-18|EPI_ISL_720965|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10957/2020|2020-09-16|EPI_ISL_583040|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-2013/2020|2020-05-01|EPI_ISL_486267|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/CAMC-B33054/2020|2020-11-05|EPI_ISL_659150|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6744/2020|2020-08-00|EPI_ISL_687854|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-495D50/2020|2020-11-26|EPI_ISL_726477|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-992DE5/2020|2020-08-26|EPI_ISL_551977|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/465/2020|2020-03-05|EPI_ISL_475996|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-9EBBD4/2020|2020-09-23|EPI_ISL_584404|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/20138082704/2020|2020-03-26|EPI_ISL_421836|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E432E/2020|2020-09-23|EPI_ISL_600995|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-BA371E/2020|2020-11-18|EPI_ISL_757205|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9532/2020|2020-08-21|EPI_ISL_562743|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6270/2020|2020-08-00|EPI_ISL_689381|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-A8B7FF/2020|2020-10-18|EPI_ISL_721536|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7874/2020|2020-10-19|EPI_ISL_618846|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-1662E3/2020|2020-06-13|EPI_ISL_490861|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9A854E/2020|2020-09-02|EPI_ISL_550021|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-07042/2020|2020-04-04|EPI_ISL_434665|Original|hCoV-19^^Uppsala|Human|Uppsala Narakut Aleris|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMC-B372B4/2020|2020-11-05|EPI_ISL_645372|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B6AA83/2020|2020-11-11|EPI_ISL_662611|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B21B94/2020|2020-11-01|EPI_ISL_647223|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C903D/2020|2020-12-19|EPI_ISL_763427|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-27/2020|2020-08-28|EPI_ISL_751345|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/ALDP-CBDC6C/2020|2020-12-19|EPI_ISL_760392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/348/2020|2020-03-31|EPI_ISL_469103|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-A86536/2020|2020-10-17|EPI_ISL_605985|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008702/2020|2020-09-08|EPI_ISL_654282|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-2CA6A/2020|2020-04-01|EPI_ISL_445940|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16483E/2020|2020-04-21|EPI_ISL_479312|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98000423/2020|2020-03-26|EPI_ISL_539238|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Gibraltar/204421173/2020|2020-10-27|EPI_ISL_613566|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/ME-HETL-J0078/2020|2020-03-19|EPI_ISL_513489|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/MILK-C51954/2020|2020-12-11|EPI_ISL_769855|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-QDX-69/2020|2020-03-15|EPI_ISL_467865|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-99041F/2020|2020-08-26|EPI_ISL_539961|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200017/2020|2020-04-06|EPI_ISL_471183|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/TX-QDX-2111/2020|2020-03-14|EPI_ISL_604485|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LOND-D468B/2020|2020-04-08|EPI_ISL_444145|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036630690/2020|2020-10-26|EPI_ISL_650020|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-7387/2020|2020-06-29|EPI_ISL_546726|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NoordBrabant_94/2020|2020-03-17|EPI_ISL_422888|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B790CB/2020|2020-11-12|EPI_ISL_668069|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6728/2020|2020-07-25|EPI_ISL_562048|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2289/2020|2020-04-11|EPI_ISL_490680|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003101/2020|2020-03-15|EPI_ISL_538037|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-59DF8E/2020|2020-06-14|EPI_ISL_558708|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B95C6B/2020|2020-11-14|EPI_ISL_674841|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1455/2020|2020-09-10|EPI_ISL_541587|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Portugal/PT0874/2020|2020-03-27|EPI_ISL_511133|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wuhan/HB-WHCM2-274/2020|2020-02-23|EPI_ISL_455008|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/MI-MDHHS-SC21665/2020|2020-07-14|EPI_ISL_516392|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-18447/2020|2020-12-07|EPI_ISL_749972|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49F002/2020|2020-12-10|EPI_ISL_743156|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW192/2020|2020-03-25|EPI_ISL_427797|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-1494/2020|2020-04-00|EPI_ISL_685101|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-6819BB/2020|2020-07-03|EPI_ISL_551824|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21092/2020|2020-03-26|EPI_ISL_507868|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-Wadsworth-79903-01/2020|2020-05-13|EPI_ISL_676910|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-9C489E/2020|2020-09-07|EPI_ISL_573258|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMC-B534DA/2020|2020-11-08|EPI_ISL_656785|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_11/2020|2020-05-08|EPI_ISL_460999|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9A5541/2020|2020-09-03|EPI_ISL_550172|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1650BD/2020|2020-06-12|EPI_ISL_479419|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4AEE/2020|2020-12-14|EPI_ISL_764768|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9AA3CA/2020|2020-09-01|EPI_ISL_550898|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9ECE/2020|2020-09-24|EPI_ISL_580043|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-978969/2020|2020-08-01|EPI_ISL_550477|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205121262/2020|2020-00-00|EPI_ISL_766381|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/CAMC-BC05A8/2020|2020-11-23|EPI_ISL_704846|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-298/2020|2020-10-02|EPI_ISL_770773|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/ME-HETL-J0155/2020|2020-09-11|EPI_ISL_755341|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/LIVE-DB3B86/2020|2020-10-21|EPI_ISL_650166|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD4C16/2020|2020-10-26|EPI_ISL_634648|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0603/2020|2020-05-15|EPI_ISL_698761|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/20099000304/2020|2020-02-28|EPI_ISL_464199|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Hungary/US-32570w/2020|2020-09-02|EPI_ISL_677758|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Japan/PG-4798/2020|2020-08-00|EPI_ISL_689923|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-5147B4/2020|2020-06-11|EPI_ISL_559017|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5817/2020|2020-06-28|EPI_ISL_547039|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-E73BB/2020|2020-04-20|EPI_ISL_449031|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-83247A/2020|2020-07-16|EPI_ISL_557175|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4076/2020|2020-07-00|EPI_ISL_692317|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B54C2C/2020|2020-11-05|EPI_ISL_657970|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0185/2020|2020-10-00|EPI_ISL_667614|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-S1265/2020|2020-05-05|EPI_ISL_586318|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Japan/PG-1936/2020|2020-04-00|EPI_ISL_685542|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-1879/2020|2020-07-08|EPI_ISL_751508|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-16149/2020|2020-11-16|EPI_ISL_714605|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9C3A6/2020|2020-03-31|EPI_ISL_449534|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-C07F8/2020|2020-03-21|EPI_ISL_420175|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-AB76B1/2020|2020-10-19|EPI_ISL_623340|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R12578-20/2020|2020-06-16|EPI_ISL_504194|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/ALAB-SSI-883/2020|2020-03-31|EPI_ISL_444954|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Australia/TAS39/2020|2020-04-12|EPI_ISL_522716|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/221/2020|2020-03-23|EPI_ISL_462339|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-48A1BC/2020|2020-11-03|EPI_ISL_652532|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1644EF/2020|2020-04-29|EPI_ISL_474186|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B77A74/2020|2020-11-12|EPI_ISL_783486|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16421/2020|2020-11-16|EPI_ISL_714756|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC571/2020|2020-03-25|EPI_ISL_426831|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/NSW124/2020|2020-03-26|EPI_ISL_427782|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-21541/2020|2020-12-21|EPI_ISL_758220|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-950ED1/2020|2020-06-14|EPI_ISL_554296|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79433/2020|2020-04-03|EPI_ISL_441140|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0417/2020|2020-04-28|EPI_ISL_477633|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22606/2020|2020-11-19|EPI_ISL_737179|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-9EA62F/2020|2020-09-24|EPI_ISL_580056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C6398C/2020|2020-12-13|EPI_ISL_735590|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036561998/2020|2020-10-21|EPI_ISL_640179|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9180/2020|2020-07-02|EPI_ISL_780984|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC12659/2020|2020-07-31|EPI_ISL_641298|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC7923/2020|2020-08-06|EPI_ISL_564745|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/KRISP-0369/2020|2020-06-25|EPI_ISL_487320|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUA-89830C/2020|2020-07-24|EPI_ISL_532709|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20108004803/2020|2020-03-03|EPI_ISL_417251|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Gibraltar/205121199/2020|2020-00-00|EPI_ISL_766329|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/TX-HMH-7845/2020|2020-06-30|EPI_ISL_545663|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-WSLH-200155/2020|2020-03-30|EPI_ISL_578382|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/UT-QDX-2090/2020|2020-03-13|EPI_ISL_604490|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-BDC970/2020|2020-11-27|EPI_ISL_709695|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-03/2020|2020-03-13|EPI_ISL_444455|Original|hCoV-19^^California|Human|Molecular Infectious Disease|Molecular Infectious Disease|Anderson|USA

>Spike|hCoV-19/England/QEUA-BA0580/2020|2020-11-18|EPI_ISL_719764|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Shanghai/SH0127/2020|2020-02-12|EPI_ISL_416408|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/England/QEUA-B80C18/2020|2020-11-14|EPI_ISL_661908|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/NAQ-SC203/2020|2020-03-05|EPI_ISL_645169|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/LA-EVTL1144/2020|2020-12-09|EPI_ISL_768413|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/VIC16121/2020|2020-08-09|EPI_ISL_641178|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-12E9C4/2020|2020-04-23|EPI_ISL_488243|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3109/2020|2020-04-25|EPI_ISL_461682|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9BDB17/2020|2020-09-09|EPI_ISL_568193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204761666/2020|2020-11-18|EPI_ISL_683551|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC12885/2020|2020-07-29|EPI_ISL_640776|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/Vector_77628/2020|2020-03-22|EPI_ISL_428904|Vero|hCoV-19^^Moscow|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15907/2020|2020-07-10|EPI_ISL_785591|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-12359/2020|2020-06-27|EPI_ISL_570512|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Oman/205035516/2020|2020-05-13|EPI_ISL_491971|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of Microbiology and Immunology-SQUH|ALZadjali|Oman

>Spike|hCoV-19/Australia/VIC13286/2020|2020-07-28|EPI_ISL_563653|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-110EA8/2020|2020-04-29|EPI_ISL_448431|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B9A1/2020|2020-12-06|EPI_ISL_742410|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B1FF24/2020|2020-11-01|EPI_ISL_647637|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2366/2020|2020-04-13|EPI_ISL_493792|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-AC77F7/2020|2020-10-21|EPI_ISL_630258|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/SEARCH-5457/2020|2020-09-07|EPI_ISL_755245|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/EDB3976/2020|2020-05-03|EPI_ISL_449268|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/LOND-126368C/2020|2020-11-02|EPI_ISL_679463|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/VIC16474/2020|2020-08-06|EPI_ISL_640879|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-331/2020|2020-04-26|EPI_ISL_436625|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/SHEF-CE88E/2020|2020-05-11|EPI_ISL_475468|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-BAC1AE/2020|2020-11-18|EPI_ISL_783234|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2E0C0/2020|2020-04-10|EPI_ISL_446056|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-8941/2020|2020-05-12|EPI_ISL_776737|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FACBA/2020|2020-04-15|EPI_ISL_459324|Original|hCoV-19^^Northern Ireland|Human|Regional Virus

Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-95309C/2020|2020-06-11|EPI_ISL_553685|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-DBD472/2020|2020-10-27|EPI_ISL_664345|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Austria/CeMM0008/2020|2020-03-10|EPI_ISL_419661|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/Switzerland/AG-ETHZ-420679/2020|2020-12-23|EPI_ISL_767975|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Scotland/GCVR-171634/2020|2020-03-30|EPI_ISL_469945|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-3696/2020|2020-04-00|EPI_ISL_691949|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/NY-NYCPHL-001274/2020|2020-11-09|EPI_ISL_683954|Original|hCoV-19^^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/Hong Kong/HKU-200723-064/2020|2020-03-13|EPI_ISL_497831|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China
>Spike|hCoV-19/Australia/VIC5000/2020|2020-07-18|EPI_ISL_519804|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/France/BRE-IPP9980/2020|2020-10-08|EPI_ISL_718237|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spike|hCoV-19/England/QEUEH-B10E08/2020|2020-11-02|EPI_ISL_642322|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/RJ-INCA-C194/2020|2020-04-30|EPI_ISL_513525|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil
>Spike|hCoV-19/USA/TX-HMH-5263/2020|2020-06-22|EPI_ISL_544635|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUEH-A1E90A/2020|2020-10-01|EPI_ISL_587445|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48AD12/2020|2020-11-01|EPI_ISL_666149|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-2900/2020|2020-08-17|EPI_ISL_616534|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-AA4B9A/2020|2020-10-21|EPI_ISL_624256|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-B12DDC/2020|2020-11-02|EPI_ISL_642494|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Indonesia/JK-EIJK-04/2020|2020-04-01|EPI_ISL_437192|Original|hCoV-19^^Jakarta|Human|Mitra Keluarga Kelapa Gading Hospital|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia
>Spike|hCoV-19/England/ALDP-9CDC20/2020|2020-09-16|EPI_ISL_566215|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA84B/2020|2020-04-17|EPI_ISL_470093|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0065/2020|2020-03-19|EPI_ISL_513476|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Wales/PHWC-4A0AE2/2020|2020-12-10|EPI_ISL_743542|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009170365/2020|2020-09-16|EPI_ISL_710346|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9712/2020|2020-07-07|EPI_ISL_780237|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B1243/2020|2020-05-07|EPI_ISL_459197|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7872C/2020|2020-00-00|EPI_ISL_433766|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-21010/2020|2020-12-21|EPI_ISL_791027|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-11476/2020|2020-11-02|EPI_ISL_670941|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Mexico/BCN-ALSR-3624/2020|2020-06-12|EPI_ISL_636116|Original|hCoV-19^^Sonora|Human|Sharp HealthCare Laboratory|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Wales/PHWC-16A425/2020|2020-09-07|EPI_ISL_535249|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C39DCF/2020|2020-12-09|EPI_ISL_730764|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0715/2020|2020-03-24|EPI_ISL_510974|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Norway/4327/2020|2020-10-05|EPI_ISL_775469|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/TX-HMH-MCoV-18930/2020|2020-11-25|EPI_ISL_785227|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/NW-HHU-341/2020|2020-10-13|EPI_ISL_718039|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsselndorf-Centrum GbR \u00dcBAG f\u00f0r Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Israel/CVL-n17916/2020|2020-06-02|EPI_ISL_516889|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/FL-BPHL-1469/2020|2020-05-09|EPI_ISL_549251|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Singapore/392/2020|2020-04-17|EPI_ISL_469141|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Japan/PG-2043/2020|2020-03-00|EPI_ISL_685648|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-29EA9E/2020|2020-05-12|EPI_ISL_490471|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Scotland/EDB5543/2020|2020-04-01|EPI_ISL_487721|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Iceland/321/2020|2020-03-18|EPI_ISL_417650|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland
>Spike|hCoV-19/Spain/VC-FISABIO-178/2020|2020-03-21|EPI_ISL_436273|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/USA/SC-DHEC-0203/2020|2020-05-18|EPI_ISL_529190|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA
>Spike|hCoV-19/England/ALDP-B5C79C/2020|2020-11-08|EPI_ISL_655682|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1B8F63/2020|2020-11-02|EPI_ISL_651693|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Wales/PHWC-162539/2020|2020-05-19|EPI_ISL_473085|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4957BC/2020|2020-11-23|EPI_ISL_726396|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-31C20/2020|2020-04-13|EPI_ISL_446546|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/LA-GBCL-26629240/2020|2020-04-21|EPI_ISL_485233|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/England/MILK-A79E95/2020|2020-10-15|EPI_ISL_606663|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Panama/334898/2020|2020-03-31|EPI_ISL_496797|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spike|hCoV-19/Brazil/RJ-INCA-C22/2020|2020-04-16|EPI_ISL_513530|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil
>Spike|hCoV-19/Australia/NSW2220/2020|2020-03-20|EPI_ISL_500671|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia
>Spike|hCoV-19/Denmark/DCGC-16341/2020|2020-11-16|EPI_ISL_714714|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WI-UW-1152/2020|2020-08-13|EPI_ISL_522908|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/MILK-A7D5D8/2020|2020-10-12|EPI_ISL_606366|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Hong Kong/HKU-200723-057/2020|2020-03-24|EPI_ISL_497824|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China
>Spike|hCoV-19/England/MILK-B5A3F4/2020|2020-11-06|EPI_ISL_658308|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13245/2020|2020-07-25|EPI_ISL_563646|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-0591/2020|2020-04-04|EPI_ISL_480223|Original|hCoV-19^^Kanto|Human|Koshigaya City Public Health Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-CB79E3/2020|2020-12-19|EPI_ISL_777723|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5964/2020|2020-06-26|EPI_ISL_547128|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4695/2020|2020-08-00|EPI_ISL_689832|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-10036813449/2020|2020-11-06|EPI_ISL_728411|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUEH-B7ECB3/2020|2020-11-14|EPI_ISL_661645|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21106/2020|2020-03-24|EPI_ISL_507882|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Russia/Buryatia-88903/2020|2020-04-01|EPI_ISL_428911|Vero|hCoV-19^^Buryatia|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Netherlands/ZH-EMC-592/2020|2020-09-18|EPI_ISL_578020|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-MDH-138/2020|2020-03-22|EPI_ISL_427278|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/USA/WI-UW-2348/2020|2020-11-13|EPI_ISL_728114|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NE-11518/2020|2020-05-05|EPI_ISL_475225|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/USA/WA-S379/2020|2020-03-27|EPI_ISL_434139|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Portugal/PT1325/2020|2020-03-18|EPI_ISL_511284|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Japan/TK-YE63751d/2020|2020-03-00|EPI_ISL_582145|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/England/MILK-B56BB4/2020|2020-11-04|EPI_ISL_656860|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7856/2020|2020-07-29|EPI_ISL_564707|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-10174/2020|2020-07-06|EPI_ISL_789352|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/Limburg_37/2020|2020-04-23|EPI_ISL_461025|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-18190/2020|2020-11-11|EPI_ISL_784538|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-14285/2020|2020-08-27|EPI_ISL_739059|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/France/PAC-MEPHI-2086/2020|2020-08-30|EPI_ISL_644492|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-7759/2020|2020-06-30|EPI_ISL_545621|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB6038/2020|2020-05-07|EPI_ISL_487667|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-963FD8/2020|2020-08-12|EPI_ISL_536906|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-171/2020|2020-03-20|EPI_ISL_436266|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Peru/AMZ-UPCH-0265/2020|2020-09-21|EPI_ISL_729911|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Wales/PHWC-490757/2020|2020-11-13|EPI_ISL_706507|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-294B4A/2020|2020-03-28|EPI_ISL_490464|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98010683/2020|2020-10-02|EPI_ISL_722269|Original|hCoV-19^^Aragon|Human|Servicio de Microbiología|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-9919C4/2020|2020-08-26|EPI_ISL_577010|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUI-A8C688/2020|2020-10-18|EPI_ISL_643265|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C43F71/2020|2020-12-10|EPI_ISL_719370|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0702/2020|2020-03-17|EPI_ISL_510961|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Finland/8CB1/2020|2020-12-04|EPI_ISL_732620|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Denmark/ALAB-SSI-805/2020|2020-03-28|EPI_ISL_444916|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/PHWC-2EAB3/2020|2020-04-07|EPI_ISL_446110|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009691/2020|2020-07-25|EPI_ISL_605365|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-B1161E/2020|2020-11-02|EPI_ISL_642481|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B553/2020|2020-11-01|EPI_ISL_645620|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-80448/2020|2020-04-09|EPI_ISL_470366|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45A8F/2020|2020-10-06|EPI_ISL_598591|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CWAR-24FD94D/2020|2020-04-23|EPI_ISL_584453|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42210970/2020|2020-03-28|EPI_ISL_581811|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Switzerland/VD-ETHZ-280168/2020|2020-09-08|EPI_ISL_560518|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BE-UNIBE-178-2905/2020|2020-03-20|EPI_ISL_574817|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/Japan/PG-4426/2020|2020-07-00|EPI_ISL_692650|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A5C50/2020|2020-12-13|EPI_ISL_764963|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2691/2020|2020-07-20|EPI_ISL_635634|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22166/2020|2020-10-18|EPI_ISL_614217|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/MILK-A1834E/2020|2020-10-01|EPI_ISL_595024|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-7252/2020|2020-08-00|EPI_ISL_688355|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20123/2020|2020-12-07|EPI_ISL_747996|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2014/2020|2020-07-20|EPI_ISL_618224|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-QDX-259/2020|2020-04-29|EPI_ISL_498724|Original|hCoV-19^^Illinois|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/EDB807/2020|2020-04-03|EPI_ISL_433249|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2111/2020|2020-04-11|EPI_ISL_468880|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Germany/BY-MVP-0059/2020|2020-03-20|EPI_ISL_437258|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/MILK-B38945/2020|2020-11-01|EPI_ISL_658761|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B0E7E/2020|2020-04-06|EPI_ISL_478971|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0473/2020|2020-12-11|EPI_ISL_755564|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Japan/PG-0339/2020|2020-03-29|EPI_ISL_480012|Original|hCoV-19^^Kanto|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-2093/2020|2020-10-23|EPI_ISL_683722|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-994105/2020|2020-08-25|EPI_ISL_551610|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6022/2020|2020-09-21|EPI_ISL_621131|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-22874-01/2020|2020-03-19|EPI_ISL_426315|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-9BCF58/2020|2020-09-10|EPI_ISL_573083|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490EF8/2020|2020-11-19|EPI_ISL_706585|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1770/2020|2020-03-22|EPI_ISL_424244|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/OXON-ACF54/2020|2020-00-00|EPI_ISL_448548|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-286247-01/2020|2020-12-10|EPI_ISL_754565|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUH-96006F/2020|2020-08-05|EPI_ISL_531878|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02410/2020|2020-09-00|EPI_ISL_671538|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-15E284/2020|2020-04-06|EPI_ISL_472802|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003434/2020|2020-04-02|EPI_ISL_539250|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-14132/2020|2020-11-30|EPI_ISL_711588|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2312/2020|2020-11-10|EPI_ISL_728078|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/LIVE-DB994A/2020|2020-11-09|EPI_ISL_704231|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EEE7/2020|2020-10-04|EPI_ISL_585882|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NA_328/2020|2020-04-03|EPI_ISL_455133|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-9E5299/2020|2020-09-23|EPI_ISL_601016|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2058/2020|2020-07-20|EPI_ISL_618299|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-281384/2020|2020-03-13|EPI_ISL_488834|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AA0369/2020|2020-10-20|EPI_ISL_611354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B4BFA/2020|2020-06-10|EPI_ISL_473502|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/AK-PHL015/2020|2020-03-16|EPI_ISL_420306|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/Wales/PHWC-495224/2020|2020-11-21|EPI_ISL_726314|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-233280-01/2020|2020-10-01|EPI_ISL_734309|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-150001plus/2020|2020-06-12|EPI_ISL_483649|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-ACTREC-579/2020|2020-09-02|EPI_ISL_723059|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Portugal/PT0161/2020|2020-03-28|EPI_ISL_453877|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Germany/BE-ChVir-W1708-6787/2020|2020-08-05|EPI_ISL_753998|Original|hCoV-19^^Berlin|Human|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/AZ-TG547398/2020|2020-07-07|EPI_ISL_695520|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-6160/2020|2020-10-05|EPI_ISL_620063|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-84523/2020|2020-04-17|EPI_ISL_443569|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/C200044548/2020|2020-11-06|EPI_ISL_664032|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15822/2020|2020-07-09|EPI_ISL_785506|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20133/2020|2020-11-15|EPI_ISL_723304|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/NORT-281454/2020|2020-03-15|EPI_ISL_488786|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-B41A55/2020|2020-11-08|EPI_ISL_658632|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10854/2020|2020-11-10|EPI_ISL_666889|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Spain/MD-IBV-99008736/2020|2020-10-16|EPI_ISL_654304|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/India/WB-IK41/2020|2020-05-04|EPI_ISL_508369|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Denmark/DCGC-14761/2020|2020-11-23|EPI_ISL_711163|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT2033/2020|2020-11-09|EPI_ISL_732249|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-BB54B8/2020|2020-11-21|EPI_ISL_701677|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-9FA1FE/2020|2020-09-27|EPI_ISL_595792|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Singapore/331/2020|2020-04-17|EPI_ISL_469085|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Portugal/PT0027/2020|2020-03-06|EPI_ISL_418012|Original|hCoV-19^^Portugal|Human|CHULC - H Curry Cabral|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW-22343/2020|2020-08-05|EPI_ISL_570665|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LOND-DB183/2020|2020-11-02|EPI_ISL_724740|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUI-A0065F/2020|2020-09-29|EPI_ISL_600144|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C4705C/2020|2020-12-10|EPI_ISL_718817|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_01210684/2020|2020-04-00|EPI_ISL_466703|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMB-1BACA6/2020|2020-11-12|EPI_ISL_664791|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-3769/2020|2020-04-00|EPI_ISL_692022|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC10067/2020|2020-08-21|EPI_ISL_562783|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-0127/2020|2020-04-09|EPI_ISL_450861|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-B2210A/2020|2020-11-02|EPI_ISL_646102|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-83E0B/2020|2020-04-25|EPI_ISL_438696|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7977/2020|2020-06-30|EPI_ISL_545758|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC8457/2020|2020-07-27|EPI_ISL_565027|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-13324/2020|2020-08-25|EPI_ISL_788472|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1033/2020|2020-07-30|EPI_ISL_516459|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-22085/2020|2020-12-14|EPI_ISL_758543|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B5C4FF/2020|2020-11-10|EPI_ISL_655746|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14864/2020|2020-10-13|EPI_ISL_786348|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B9EB1A/2020|2020-11-18|EPI_ISL_719950|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3599E/2020|2020-04-24|EPI_ISL_474505|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-112F94/2020|2020-08-11|EPI_ISL_526432|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/WA176/2020|2020-03-28|EPI_ISL_596739|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Canada/BC_13610520/2020|2020-04-00|EPI_ISL_467341|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Scotland/GCVR-1724FD/2020|2020-03-30|EPI_ISL_470011|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484D72/2020|2020-10-23|EPI_ISL_628107|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE55F/2020|2020-04-28|EPI_ISL_459410|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3362/2020|2020-04-00|EPI_ISL_691477|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CHLA-PLM82118164/2020|2020-11-30|EPI_ISL_753431|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/CA-ALSR-0998-IPL/2020|2020-04-23|EPI_ISL_483452|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/SHEF-CA372/2020|2020-09-08|EPI_ISL_540748|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20058/2020|2020-11-28|EPI_ISL_723242|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Australia/VIC6747/2020|2020-07-25|EPI_ISL_564026|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B99739/2020|2020-11-15|EPI_ISL_673299|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC7618/2020|2020-10-20|EPI_ISL_630069|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15429/2020|2020-11-23|EPI_ISL_713823|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-1686/2020|2020-09-08|EPI_ISL_609976|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/India/MH-NIV-216641/2020|2020-09-18|EPI_ISL_577662|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/BRIS-126FD9/2020|2020-04-22|EPI_ISL_469726|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-67BE8/2020|2020-11-04|EPI_ISL_650253|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0459171/2020|2020-10-20|EPI_ISL_739778|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-B54C77/2020|2020-11-05|EPI_ISL_657918|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2019/2020|2020-10-14|EPI_ISL_677168|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/CAMC-A3F903/2020|2020-10-07|EPI_ISL_609679|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-013081-01/2020|2020-03-11|EPI_ISL_676731|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Scotland/MILK-A6C0CC/2020|2020-10-09|EPI_ISL_625430|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13449/2020|2020-11-30|EPI_ISL_712175|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21625/2020|2020-03-29|EPI_ISL_516352|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-CZB-2119/2020|2020-05-13|EPI_ISL_486349|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/ALDP-A85018/2020|2020-10-16|EPI_ISL_610340|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-204488/2020|2020-10-12|EPI_ISL_746763|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Scotland/CVR2153/2020|2020-04-11|EPI_ISL_438877|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC6013/2020|2020-07-10|EPI_ISL_518788|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-8E6EE0/2020|2020-06-25|EPI_ISL_556617|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5361/2020|2020-07-18|EPI_ISL_520124|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-11585/2020|2020-07-24|EPI_ISL_625563|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUEH-9FFA94/2020|2020-09-30|EPI_ISL_600151|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0495/2020|2020-04-06|EPI_ISL_480154|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S2819/2020|2020-09-07|EPI_ISL_574661|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-10645/2020|2020-11-02|EPI_ISL_669510|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-30476/2020|2020-10-31|EPI_ISL_661037|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/India/BR-NCDC-02251/2020|2020-03-28|EPI_ISL_435112|Original|hCoV-19^^Bihar|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Sweden/20-50659/2020|2020-04-05|EPI_ISL_475152|Original|hCoV-19^^Stockholm|Human|Folkhalsomyndigheten|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMB-84918/2020|2020-03-06|EPI_ISL_440491|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0638/2020|2020-06-13|EPI_ISL_525863|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/France/PAC-IHU-1382/2020|2020-08-08|EPI_ISL_569147|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Iceland/587/2020|2020-03-28|EPI_ISL_424607|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/LIVE-9E0E9/2020|2020-04-03|EPI_ISL_453268|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22479/2020|2020-12-14|EPI_ISL_757396|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/VEN-IZSVE-20RS2160-28/2020|2020-11-26|EPI_ISL_747482|Original|hCoV-19^^Veneto|Human|Ospedale San Bonifacio|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/Japan/PG-1188/2020|2020-03-00|EPI_ISL_684798|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16429A/2020|2020-05-07|EPI_ISL_474153|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18859/2020|2020-12-07|EPI_ISL_748601|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9D152E/2020|2020-09-14|EPI_ISL_577289|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21973/2020|2020-03-15|EPI_ISL_566024|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Japan/PG-8429/2020|2020-09-00|EPI_ISL_687528|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-ACCD78/2020|2020-10-21|EPI_ISL_630187|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012416147/2020|2020-08-08|EPI_ISL_745981|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Northern Ireland/QEUEH-95E84E/2020|2020-08-09|EPI_ISL_532481|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4050/2020|2020-07-00|EPI_ISL_692291|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-0559/2020|2020-04-07|EPI_ISL_480209|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-126346/2020|2020-04-10|EPI_ISL_459046|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB5DAE/2020|2020-11-20|EPI_ISL_703019|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B19A/2020|2020-10-27|EPI_ISL_742305|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17527/2020|2020-12-14|EPI_ISL_751044|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/GCVR-172FA1/2020|2020-04-06|EPI_ISL_524542|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC-3394/2020|2020-04-09|EPI_ISL_436435|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Wales/PHWC-48CA82/2020|2020-11-08|EPI_ISL_666501|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6964/2020|2020-06-28|EPI_ISL_546391|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C5F73/2020|2020-09-15|EPI_ISL_559909|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-24810V/2020|2020-06-16|EPI_ISL_524047|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/SHEF-D1B61/2020|2020-09-09|EPI_ISL_540769|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20169034004/2020|2020-04-18|EPI_ISL_465231|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42190622/2020|2020-03-14|EPI_ISL_528074|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/LOND-12F094F/2020|2020-11-22|EPI_ISL_679593|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003501/2020|2020-09-16|EPI_ISL_602825|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-498C50/2020|2020-11-25|EPI_ISL_727192|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2245/2020|2020-06-09|EPI_ISL_497673|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-9775/2020|2020-11-09|EPI_ISL_669167|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B1411/2020|2020-00-00|EPI_ISL_479013|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/201400652/2020|2020-03-30|EPI_ISL_465886|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR3922/2020|2020-06-02|EPI_ISL_512469|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/NSW1319/2020|2020-12-20|EPI_ISL_767885|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/India/TG-CCMB-M70/2020|2020-06-05|EPI_ISL_495227|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Germany/ST-ChVir-W1702-6718/2020|2020-08-09|EPI_ISL_754054|Original|hCoV-19^^Saxony-Anhalt|Human|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-15778/2020|2020-11-23|EPI_ISL_714014|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0674/2020|2020-05-15|EPI_ISL_698827|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Belgium/Rega-0329218/2020|2020-03-29|EPI_ISL_458188|Original|hCoV-19^^Mepel|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/India/GJ-GBRC151a/2020|2020-05-02|EPI_ISL_461478|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-18432/2020|2020-11-19|EPI_ISL_784780|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1854/2020|2020-11-12|EPI_ISL_732073|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Hong Kong/HKU-902b/2020|2020-01-24|EPI_ISL_434564|unknown|hCoV-19^^Hong Kong|Human|unknown|Microbiology|Submitter|China

>Spike|hCoV-19/USA/CA-CSMC64/2020|2020-03-28|EPI_ISL_475678|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12495/2020|2020-09-30|EPI_ISL_790365|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B54ECC/2020|2020-11-06|EPI_ISL_657984|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B3F95/2020|2020-05-31|EPI_ISL_477794|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/AZ-TG408211/2020|2020-06-17|EPI_ISL_694947|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Ireland/OY-NVRL-72IRL00307/2020|2020-08-05|EPI_ISL_525410|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-19679/2020|2020-11-25|EPI_ISL_784036|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1221/2020|2020-05-08|EPI_ISL_495671|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC3435/2020|2020-07-05|EPI_ISL_521104|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-160C63/2020|2020-05-23|EPI_ISL_473033|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ACD393/2020|2020-10-21|EPI_ISL_634257|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A7047E/2020|2020-10-15|EPI_ISL_607966|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV139/2020|2020-12-29|EPI_ISL_766585|Original|hCoV-19^^Zurich|Human|Triemli Hospital|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/United Arab Emirates/0884/2020|2020-05-19|EPI_ISL_699022|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Kenya/C1191/2020|2020-04-19|EPI_ISL_457852|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Burkina Faso/2163/2020|2020-09-02|EPI_ISL_660512|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Souro Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Germany/HH-hpi-p2401/2020|2020-04-22|EPI_ISL_776474|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/FL-BPHL-0876/2020|2020-07-09|EPI_ISL_514222|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Switzerland/GR-ETHZ-250078/2020|2020-08-18|EPI_ISL_535601|Original|hCoV-19^^Graub\u00f6nden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-B55757/2020|2020-11-06|EPI_ISL_657438|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11378/2020|2020-08-23|EPI_ISL_563348|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-99DD62/2020|2020-08-31|EPI_ISL_550776|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1926/2020|2020-04-07|EPI_ISL_438856|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B14411/2020|2020-11-03|EPI_ISL_642639|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-997BB9/2020|2020-08-28|EPI_ISL_549544|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9950BC/2020|2020-08-24|EPI_ISL_552322|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1880/2020|2020-03-13|EPI_ISL_604281|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUEH-B7DF51/2020|2020-11-13|EPI_ISL_742256|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-129C93/2020|2020-04-15|EPI_ISL_458386|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C660/2020|2020-11-03|EPI_ISL_666452|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B1C4DD/2020|2020-11-01|EPI_ISL_645778|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163583/2020|2020-04-25|EPI_ISL_473964|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-5762/2020|2020-07-12|EPI_ISL_672357|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/QEUEH-98FA99/2020|2020-08-27|EPI_ISL_539980|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1559/2020|2020-05-07|EPI_ISL_458563|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B073F6/2020|2020-10-30|EPI_ISL_643685|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9148/2020|2020-07-02|EPI_ISL_780970|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18613/2020|2020-11-20|EPI_ISL_784961|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1271/2020|2020-03-20|EPI_ISL_511232|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/GSTT-265E1AA/2020|2020-03-31|EPI_ISL_484164|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/LOND-125F823/2020|2020-04-06|EPI_ISL_516882|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490809/2020|2020-11-13|EPI_ISL_703351|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1961/2020|2020-05-17|EPI_ISL_542922|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-1740/2020|2020-05-00|EPI_ISL_685346|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB1811/2020|2020-04-16|EPI_ISL_433135|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/BRIS-12A148/2020|2020-04-16|EPI_ISL_458498|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14818/2020|2020-11-18|EPI_ISL_739114|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-2038/2020|2020-05-00|EPI_ISL_685643|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/UT-EMC-204/2020|2020-11-16|EPI_ISL_722277|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/AR-IBV-005094/2020|2020-04-23|EPI_ISL_510375|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Germany/BY-IMB11609/2020|2020-10-08|EPI_ISL_732563|Original|hCoV-19^^Bavaria|Human|Bundeswehr Institute of Microbiology|Bundeswehr Institute of Microbiology|Antwerpen|Germany

>Spike|hCoV-19/Australia/VIC12274/2020|2020-08-07|EPI_ISL_591943|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC22520/2020|2020-11-17|EPI_ISL_708223|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Australia/VIC6828/2020|2020-07-24|EPI_ISL_562152|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/Zeeland_6/2020|2020-04-02|EPI_ISL_461288|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Austria/CeMM0210/2020|2020-03-16|EPI_ISL_438047|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/NM-DOH-2020631352/2020|2020-12-19|EPI_ISL_766891|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/NOTT-112BEB/2020|2020-04-29|EPI_ISL_493597|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORW-E8D8F/2020|2020-04-26|EPI_ISL_453557|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A793D2/2020|2020-10-14|EPI_ISL_638995|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-9C6AD/2020|2020-04-01|EPI_ISL_449568|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2618/2020|2020-06-05|EPI_ISL_545431|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A8726B/2020|2020-10-17|EPI_ISL_605971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD5A75/2020|2020-10-26|EPI_ISL_634549|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1133/2020|2020-07-10|EPI_ISL_509147|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Germany/BB-ChVir-W1442-8234/2020|2020-06-19|EPI_ISL_753857|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUA-BCBB6F/2020|2020-11-27|EPI_ISL_704448|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21558/2020|2020-12-21|EPI_ISL_757749|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-10096/2020|2020-06-21|EPI_ISL_672211|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Bahrain/340860476/2020|2020-10-14|EPI_ISL_632251|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Colombia/TOL-GUV-92052/2020|2020-03-31|EPI_ISL_447757|Original|hCoV-19^^Tolima|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9dez|Colombia

>Spike|hCoV-19/England/QEUA-9F6453/2020|2020-09-25|EPI_ISL_588891|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-56417-CSIR-IGIB/2020|2020-08-01|EPI_ISL_636745|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Australia/VIC15249/2020|2020-09-27|EPI_ISL_593218|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94D903/2020|2020-06-20|EPI_ISL_555196|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FB22/2020|2020-10-15|EPI_ISL_607024|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2928/2020|2020-06-09|EPI_ISL_543870|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7B534/2020|2020-10-15|EPI_ISL_607521|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-SURV0874/2020|2020-03-09|EPI_ISL_436076|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/NORW-EB2AB/2020|2020-05-03|EPI_ISL_457415|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0179/2020|2020-11-16|EPI_ISL_770024|Original|hCoV-19^^Alajuela|Human|Hle - Asociacion Hogar De Ancianos Santiago Crespo Calvo|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Chile/RM-203885/2020|2020-10-10|EPI_ISL_746757|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/UT-UPHL-201109633/2020|2020-10-05|EPI_ISL_628937|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Kenya/C6379/2020|2020-05-15|EPI_ISL_568797|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Scotland/QEUH-9B73F7/2020|2020-09-09|EPI_ISL_602089|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0630/2020|2020-03-24|EPI_ISL_510891|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/WA435/2020|2020-09-25|EPI_ISL_672647|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-B46E81/2020|2020-11-07|EPI_ISL_656129|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/338832/2020|2020-04-09|EPI_ISL_496886|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/TX-HMH-7013/2020|2020-06-28|EPI_ISL_546432|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-5856/2020|2020-09-28|EPI_ISL_621043|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR2517/2020|2020-04-15|EPI_ISL_477960|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-AA219A/2020|2020-10-22|EPI_ISL_625052|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/3504/2020|2020-04-23|EPI_ISL_447604|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/USA/MI-MDHHS-SC22647/2020|2020-11-30|EPI_ISL_737198|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Belgium/ULG-10405/2020|2020-08-20|EPI_ISL_540572|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Switzerland/ZH-ETHZ-362/2020|2020-04-07|EPI_ISL_483668|Original|hCoV-19^^Zurich|Human|University Hospital Zurich|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A46B6D/2020|2020-10-06|EPI_ISL_598461|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1272/2020|2020-04-09|EPI_ISL_491675|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2819DD/2020|2020-03-21|EPI_ISL_488815|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001100/2020|2020-07-10|EPI_ISL_509349|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-16447/2020|2020-11-16|EPI_ISL_714152|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/GSTT-5745/2020|2020-03-23|EPI_ISL_560708|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics

Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics
Innovation Unit|Awan|United Kingdom
>Spike|hCoV-19/USA/WI-UW-1593/2020|2020-09-18|EPI_ISL_605470|Original|hCoV-
19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/MILK-9EE852/2020|2020-09-23|EPI_ISL_580652|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/GSTT-265D4C0/2020|2020-03-19|EPI_ISL_483967|Original|hCoV-
19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics
Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
>Spike|hCoV-19/Israel/CVL-n4115/2020|2020-03-11|EPI_ISL_649106|Original|hCoV-
19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology
laboratory|Zuckerman|Israel
>Spike|hCoV-19/USA/FL-BPHL-1069/2020|2020-04-22|EPI_ISL_526555|Original|hCoV-
19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of
Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Scotland/CVR3040/2020|2020-04-23|EPI_ISL_449183|Original|hCoV-
19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK
(COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/MI-QDX-1635/2020|2020-03-18|EPI_ISL_603962|Original|hCoV-
19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Romania/ROSV_8990/2020|2020-05-18|EPI_ISL_491090|Original|hCoV-
19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University
Metagenomics Lab|Lobiuc|Romania
>Spike|hCoV-19/Japan/PG-2538/2020|2020-05-00|EPI_ISL_690673|Original|hCoV-
19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics
Center|Sekizuka|Japan
>Spike|hCoV-19/USA/TX-HMH-MCoV-15231/2020|2020-10-20|EPI_ISL_786715|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/UT-08404/2020|2020-05-13|EPI_ISL_524183|Original|hCoV-
19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/ALDP-6BC3C8/2020|2020-07-02|EPI_ISL_557912|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-CC779B/2020|2020-12-21|EPI_ISL_760452|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-5491/2020|2020-08-00|EPI_ISL_690593|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/UT-08496/2020|2020-05-18|EPI_ISL_524263|Original|hCoV-
19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/QEUA-B4193A/2020|2020-11-08|EPI_ISL_658571|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/GJ-GBRC166a/2020|2020-05-27|EPI_ISL_461501|Original|hCoV-
19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology
Research Centre|Joshi|India
>Spike|hCoV-19/USA/TX-DSHS-0880/2020|2020-06-16|EPI_ISL_610016|Original|hCoV-
19^^Texas|Human|Texas Department of State Health Services|Texas Department of State
Health Services|Rahman|USA
>Spike|hCoV-19/Wales/PHWC-34513/2020|2020-04-16|EPI_ISL_446935|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology
Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-12780/2020|2020-11-09|EPI_ISL_682961|Original|hCoV-
19^^Nordjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-289876-01/2020|2020-12-22|EPI_ISL_767513|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-BC86CB/2020|2020-11-23|EPI_ISL_721413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2915/2020|2020-04-01|EPI_ISL_488897|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV35614/2020|2020-06-12|EPI_ISL_481203|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Australia/VIC8361/2020|2020-08-13|EPI_ISL_562666|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3262/2020|2020-06-00|EPI_ISL_691377|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-9B77E/2020|2020-04-23|EPI_ISL_440875|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A961F3/2020|2020-10-19|EPI_ISL_624634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/WH-NVRL-78IRL74241/2020|2020-11-23|EPI_ISL_752568|Original|hCoV-19^^Westmeath|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-18789/2020|2020-12-07|EPI_ISL_748557|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A50526/2020|2020-10-07|EPI_ISL_597660|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA526/2020|2020-11-23|EPI_ISL_703785|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00906/2020|2020-04-17|EPI_ISL_791817|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-A6D0F8/2020|2020-10-14|EPI_ISL_608298|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6A670/2020|2020-11-11|EPI_ISL_662469|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205260306/2020|2020-12-07|EPI_ISL_766512|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005098/2020|2020-04-25|EPI_ISL_500355|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-8617/2020|2020-07-01|EPI_ISL_780655|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B49282/2020|2020-11-07|EPI_ISL_649481|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR491/2020|2020-03-23|EPI_ISL_433304|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20172045804/2020|2020-04-09|EPI_ISL_465348|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-AACC8/2020|2020-08-03|EPI_ISL_540610|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-250/2020|2020-05-19|EPI_ISL_735316|Original|hCoV-19^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Singapore/1452/2020|2020-12-02|EPI_ISL_728188|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Switzerland/TI-ETHZ-100337/2020|2020-03-18|EPI_ISL_574965|Original|hCoV-19^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS4139779/2020|2020-11-18|EPI_ISL_740426|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-12279/2020|2020-11-16|EPI_ISL_682460|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-2214/2020|2020-08-03|EPI_ISL_700466|Original|hCoV-19^Western Cape|Human|Ladismith (Nissenville) Clinic wc LAF|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Sweden/20-09859/2020|2020-11-04|EPI_ISL_710597|Original|hCoV-19^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/UT-UPHL-201013892/2020|2020-04-05|EPI_ISL_594086|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9562DF/2020|2020-06-08|EPI_ISL_554046|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20298/2020|2020-11-23|EPI_ISL_748101|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1990/2020|2020-08-25|EPI_ISL_640049|Original|hCoV-19^Western Cape|Human|George Road Sat Clinic wc GWM|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/CAMC-C440AA/2020|2020-12-10|EPI_ISL_719509|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008872/2020|2020-05-26|EPI_ISL_524987|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MA-MGH-00502/2020|2020-03-27|EPI_ISL_460156|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Iceland/11/2020|2020-03-16|EPI_ISL_417539|Original|hCoV-19^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/NOTT-111557/2020|2020-05-05|EPI_ISL_457579|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20066/2020|2020-11-24|EPI_ISL_723249|Original|hCoV-19^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/BIRM-61D51/2020|2020-03-25|EPI_ISL_529607|Original|hCoV-19^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Iceland/378/2020|2020-03-19|EPI_ISL_424402|Original|hCoV-19^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMC-9EC54E/2020|2020-09-24|EPI_ISL_580286|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B337B9/2020|2020-11-05|EPI_ISL_659126|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46A42/2020|2020-10-06|EPI_ISL_598355|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A00024/2020|2020-10-02|EPI_ISL_600354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5537/2020|2020-07-20|EPI_ISL_518368|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B748F5/2020|2020-11-12|EPI_ISL_678957|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1502/2020|2020-03-05|EPI_ISL_776008|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-19107/2020|2020-12-07|EPI_ISL_748759|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18908/2020|2020-11-25|EPI_ISL_785213|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/1116ilnm/2020|2020-10-26|EPI_ISL_626636|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-13803/2020|2020-08-18|EPI_ISL_788896|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/QLDID928/2020|2020-03-19|EPI_ISL_418808|Original|hCoV-19^^Queensland|Human|Pathology Queensland|Public Health Virology Laboratory|Warrilow|Australia

>Spike|hCoV-19/Wales/PHWC-499ADD/2020|2020-12-05|EPI_ISL_727400|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10577/2020|2020-10-23|EPI_ISL_626333|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/India/MH-NIV-77268/2020|2020-06-23|EPI_ISL_541742|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-11179/2020|2020-09-01|EPI_ISL_789725|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CT-Yale-065/2020|2020-04-02|EPI_ISL_428392|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/CAMB-1AB25B/2020|2020-04-20|EPI_ISL_470201|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A8EAC6/2020|2020-10-18|EPI_ISL_652112|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CFC8/2020|2020-09-18|EPI_ISL_572782|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11231/2020|2020-11-02|EPI_ISL_670781|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10035772246/2020|2020-09-02|EPI_ISL_583290|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-9550F4/2020|2020-06-12|EPI_ISL_553544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9828F6/2020|2020-08-10|EPI_ISL_552618|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3477/2020|2020-07-00|EPI_ISL_691587|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15018/2020|2020-11-23|EPI_ISL_713581|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-96BC42/2020|2020-08-13|EPI_ISL_531397|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovenia/V0-1288/2020|2020-03-29|EPI_ISL_635269|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/USA/UT-UPHL-2012388417/2020|2020-08-15|EPI_ISL_746278|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Northern Ireland/QEUA-95FA29/2020|2020-08-06|EPI_ISL_532422|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3865386/2020|2020-11-25|EPI_ISL_740385|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-A7CADA/2020|2020-10-15|EPI_ISL_606352|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20403/2020|2020-04-30|EPI_ISL_452277|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-B2F7FC/2020|2020-11-04|EPI_ISL_646312|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC392/2020|2020-04-13|EPI_ISL_430419|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Germany/BY-MVP-V2011675/2020|2020-03-16|EPI_ISL_420907|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Denmark/DCGC-14048/2020|2020-11-30|EPI_ISL_711235|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9F821B/2020|2020-09-27|EPI_ISL_588955|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1364/2020|2020-07-17|EPI_ISL_541301|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NOTT-10E432/2020|2020-03-22|EPI_ISL_425545|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20737/2020|2020-12-23|EPI_ISL_790803|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-CZB-14643/2020|2020-11-16|EPI_ISL_739568|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMC-B5259C/2020|2020-11-08|EPI_ISL_656854|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6488/2020|2020-10-05|EPI_ISL_620388|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-0074/2020|2020-02-27|EPI_ISL_479828|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-AD13D8/2020|2020-10-27|EPI_ISL_633923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4598/2020|2020-09-21|EPI_ISL_621267|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA09C1/2020|2020-10-22|EPI_ISL_630920|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-24108/2020|2020-10-05|EPI_ISL_660891|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-9EDFC7/2020|2020-05-06|EPI_ISL_589455|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A64ED9/2020|2020-10-11|EPI_ISL_608666|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2057/2020|2020-07-13|EPI_ISL_618292|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC12368/2020|2020-07-28|EPI_ISL_591969|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/CL-IBV-97006322/2020|2020-05-08|EPI_ISL_537681|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-C291E/2020|2020-04-08|EPI_ISL_441932|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648701/2020|2020-04-13|EPI_ISL_695897|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Senegal/139/2020|2020-03-13|EPI_ISL_418217|Original|hCoV-19^^Thies|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/DRC/16133/2020|2020-06-03|EPI_ISL_591083|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-ACF267/2020|2020-10-22|EPI_ISL_629740|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3373/2020|2020-04-08|EPI_ISL_487700|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2064/2020|2020-04-00|EPI_ISL_685669|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B9998E/2020|2020-11-15|EPI_ISL_673830|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG640858/2020|2020-04-27|EPI_ISL_695798|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/MILK-A7DCC4/2020|2020-10-13|EPI_ISL_637861|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-S2310/2020|2020-06-11|EPI_ISL_496942|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/South Korea/KCDC2541/2020|2020-06-21|EPI_ISL_514944|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/ALAB-SSI263/2020|2020-03-10|EPI_ISL_429425|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-9AACCf/2020|2020-09-01|EPI_ISL_550915|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7AAF/2020|2020-10-20|EPI_ISL_637433|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1655/2020|2020-06-24|EPI_ISL_710087|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEuh-9DC68A/2020|2020-09-21|EPI_ISL_580899|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A5699/2020|2020-09-03|EPI_ISL_550042|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165DC5/2020|2020-05-25|EPI_ISL_490802|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2051/2020|2020-03-21|EPI_ISL_776340|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/TX-HMH-4669/2020|2020-06-22|EPI_ISL_544242|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6726/2020|2020-08-00|EPI_ISL_687837|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16610/2020|2020-11-16|EPI_ISL_714376|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94F50D/2020|2020-06-18|EPI_ISL_555905|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00054/2020|2020-03-25|EPI_ISL_460143|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/LA-EVTL1021/2020|2020-08-25|EPI_ISL_653712|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-4895S/2020|2020-05-03|EPI_ISL_569857|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEuh-A4CFB6/2020|2020-10-05|EPI_ISL_596075|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/ON-S1834/2020|2020-11-24|EPI_ISL_729298|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Latvia/223/2020|2020-09-14|EPI_ISL_770057|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/TX-HMH-2732/2020|2020-06-05|EPI_ISL_545511|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA2604/2020|2020-10-22|EPI_ISL_630897|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8543/2020|2020-07-01|EPI_ISL_780619|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/GE-ETHZ-310472/2020|2020-10-07|EPI_ISL_603543|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-UW-2497/2020|2020-12-30|EPI_ISL_779329|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/MILK-B94947/2020|2020-11-14|EPI_ISL_673688|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW942/2020|2020-08-26|EPI_ISL_545014|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/CA-SEARCH-5343/2020|2020-12-09|EPI_ISL_755160|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LOND-D5453/2020|2020-04-15|EPI_ISL_444222|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C4C0/2020|2020-11-08|EPI_ISL_666434|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1445/2020|2020-04-27|EPI_ISL_622465|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CE6A2/2020|2020-10-02|EPI_ISL_585069|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORW-EF984/2020|2020-09-22|EPI_ISL_572486|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-9D6EE2/2020|2020-09-20|EPI_ISL_584335|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-A31242/2020|2020-10-05|EPI_ISL_595872|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3604/2020|2020-08-31|EPI_ISL_616247|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-932/2020|2020-03-22|EPI_ISL_571636|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUA-A4BBFF/2020|2020-10-08|EPI_ISL_628516|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Kenya/C8288/2020|2020-05-19|EPI_ISL_568856|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Wales/PHWC-266D5/2020|2020-03-27|EPI_ISL_422158|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7CB3B/2020|2020-04-06|EPI_ISL_442082|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/PORT-2D3CC4/2020|2020-04-21|EPI_ISL_499321|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-A870E9/2020|2020-10-17|EPI_ISL_606056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000412/2020|2020-03-27|EPI_ISL_631896|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Luxembourg/LNS7593998/2020|2020-10-19|EPI_ISL_744595|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B25064/2020|2020-11-04|EPI_ISL_646513|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AF4946/2020|2020-10-30|EPI_ISL_663121|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEB1A4/2020|2020-10-26|EPI_ISL_633223|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139068504/2020|2020-03-29|EPI_ISL_423357|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC3288/2020|2020-07-08|EPI_ISL_520967|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-NIV-229715/2020|2020-09-29|EPI_ISL_577698|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-9E9936/2020|2020-09-24|EPI_ISL_584266|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Spain/EX-IBV-004991/2020|2020-05-08|EPI_ISL_510306|Original|hCoV-19^^Extremadura|Human|Hospital San Pedro de Alc\u00e1ntara (C\u00e9rceres)|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Singapore/390/2020|2020-06-06|EPI_ISL_469139|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Belgium/ULG-10285/2020|2020-07-23|EPI_ISL_540452|Original|hCoV-19^^Li\u00e8ge|Human|University of Li\u00e8ge COVID-19 testing center|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Ecuador/UEES-7352/2020|2020-00-00|EPI_ISL_671985|Original|hCoV-19^^Ecuador|Human|UEES BioLab|Omics Sciences Laboratory|Fernandez Cadena|Ecuador

>Spike|hCoV-19/England/MILK-97114A/2020|2020-08-17|EPI_ISL_553216|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B325B0/2020|2020-11-05|EPI_ISL_659237|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B2A4B/2020|2020-04-06|EPI_ISL_534788|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC6038/2020|2020-07-24|EPI_ISL_518079|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-2191/2020|2020-07-21|EPI_ISL_653344|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LOND-DA588/2020|2020-11-16|EPI_ISL_724641|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-96DCE6/2020|2020-08-20|EPI_ISL_530724|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-342B2/2020|2020-04-20|EPI_ISL_446897|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3337/2020|2020-09-17|EPI_ISL_635969|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-IGI-0235/2020|2020-07-02|EPI_ISL_569904|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Denmark/DCGC-18032/2020|2020-12-14|EPI_ISL_749714|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16E737/2020|2020-10-01|EPI_ISL_585762|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Chile/RM-127204/2020|2020-07-17|EPI_ISL_746597|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Wales/PHWC-494656/2020|2020-11-20|EPI_ISL_726148|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7948422/2020|2020-10-19|EPI_ISL_744660|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S619/2020|2020-04-26|EPI_ISL_438172|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUEH-B6801A/2020|2020-11-11|EPI_ISL_662188|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4214/2020|2020-06-19|EPI_ISL_543444|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17138/2020|2020-12-14|EPI_ISL_750780|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Israel/CVL-45199/2020|2020-12-03|EPI_ISL_745039|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/CAMC-A58E50/2020|2020-10-09|EPI_ISL_597061|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8483/2020|2020-10-18|EPI_ISL_651959|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7510950/2020|2020-11-20|EPI_ISL_744580|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-21900/2020|2020-12-21|EPI_ISL_758442|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11775/2020|2020-10-26|EPI_ISL_671129|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A1771/2020|2020-12-10|EPI_ISL_743721|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6385/2020|2020-07-24|EPI_ISL_521177|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-99EB7/2020|2020-04-14|EPI_ISL_439824|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/EDB2354/2020|2020-04-22|EPI_ISL_491613|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8642/2020|2020-08-18|EPI_ISL_565126|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-01979/2020|2020-04-16|EPI_ISL_452166|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-7447/2020|2020-10-12|EPI_ISL_619331|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16140/2020|2020-11-16|EPI_ISL_714134|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9F6435/2020|2020-09-25|EPI_ISL_588919|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1EA61/2020|2020-10-01|EPI_ISL_598855|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-DAD62/2020|2020-11-08|EPI_ISL_724707|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LIVE-9E30E/2020|2020-04-03|EPI_ISL_453287|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Sweden/20-53269/2020|2020-10-26|EPI_ISL_648161|Original|hCoV-19^^Sweden|Human|Sundsvall|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/VIC1345/2020|2020-04-14|EPI_ISL_430708|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/20142023804/2020|2020-03-29|EPI_ISL_423449|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-95166F/2020|2020-06-10|EPI_ISL_554449|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13082/2020|2020-11-30|EPI_ISL_712571|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6513/2020|2020-07-00|EPI_ISL_687627|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Austria/CeMM0078/2020|2020-03-24|EPI_ISL_437946|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Russia/OMS-ORINFI-1639S/2020|2020-06-17|EPI_ISL_569842|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Belgium/ULG-10464/2020|2020-08-31|EPI_ISL_581635|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/UT-08524/2020|2020-05-18|EPI_ISL_524287|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-B1A712/2020|2020-11-01|EPI_ISL_645804|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5E28A/2020|2020-11-08|EPI_ISL_723646|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B753B7/2020|2020-11-12|EPI_ISL_664922|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-B75144/2020|2020-11-12|EPI_ISL_662135|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA5021/2020|2020-10-21|EPI_ISL_630882|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0144/2020|2020-05-28|EPI_ISL_522970|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-9B8EE6/2020|2020-09-07|EPI_ISL_549784|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-95DD04/2020|2020-08-07|EPI_ISL_537095|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6142/2020|2020-09-21|EPI_ISL_621176|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-0386/2020|2020-03-04|EPI_ISL_480055|Original|hCoV-19^^Chubu|Human|Nagoya City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-CC336E/2020|2020-12-21|EPI_ISL_760605|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4585/2020|2020-07-12|EPI_ISL_518986|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Vietnam/HCMC-35010/2020|2020-03-18|EPI_ISL_498186|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19/Japan/PG-8172/2020|2020-07-00|EPI_ISL_687271|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-NIV-65813/2020|2020-06-16|EPI_ISL_479565|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-A695FD/2020|2020-10-12|EPI_ISL_608998|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0381/2020|2020-11-24|EPI_ISL_698103|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Scotland/QEUEH-96114D/2020|2020-08-05|EPI_ISL_532038|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1F56E/2020|2020-11-01|EPI_ISL_645957|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A5074E/2020|2020-10-07|EPI_ISL_597865|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S12/2020|2020-03-03|EPI_ISL_417065|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-8629/2020|2020-10-26|EPI_ISL_625782|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/UT-AR52/2020|2020-05-20|EPI_ISL_511918|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/NORW-E9C54/2020|2020-04-30|EPI_ISL_448357|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00465/2020|2020-07-06|EPI_ISL_717860|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-B75EE3/2020|2020-11-12|EPI_ISL_723715|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR11478/2020|2020-11-17|EPI_ISL_732505|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/FL-BPHL-1693/2020|2020-08-17|EPI_ISL_594382|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/EXET-13A154/2020|2020-10-24|EPI_ISL_664423|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC15049/2020|2020-07-29|EPI_ISL_593123|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-9879/2020|2020-11-09|EPI_ISL_669249|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW823/2020|2020-08-07|EPI_ISL_526165|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-2378/2020|2020-08-10|EPI_ISL_617558|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4472/2020|2020-07-00|EPI_ISL_692695|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-AEA6A6/2020|2020-10-26|EPI_ISL_633236|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2A4B92/2020|2020-09-17|EPI_ISL_573399|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Netherlands/NA_594/2020|2020-04-14|EPI_ISL_460757|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC16742/2020|2020-08-08|EPI_ISL_663562|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-QDX-796/2020|2020-03-23|EPI_ISL_571490|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12973/2020|2020-08-28|EPI_ISL_788125|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/TG-CCMB-M841/2020|2020-06-12|EPI_ISL_495254|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/UT-QDX-49/2020|2020-03-13|EPI_ISL_467919|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-9B8F5C/2020|2020-09-09|EPI_ISL_549739|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-00018/2020|2020-03-18|EPI_ISL_418184|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/LIVE-9EA09/2020|2020-04-11|EPI_ISL_453356|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20110023706/2020|2020-03-08|EPI_ISL_417307|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF58B1/2020|2020-10-30|EPI_ISL_663058|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4636/2020|2020-10-22|EPI_ISL_667049|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Jordan/AM-ALSR-4960/2020|2020-10-03|EPI_ISL_730233|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/QEUEH-9621F1/2020|2020-08-10|EPI_ISL_531800|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2435/2020|2020-06-15|EPI_ISL_497067|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/CVR56/2020|2020-03-12|EPI_ISL_425785|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2472/2020|2020-03-30|EPI_ISL_513876|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-BCE258/2020|2020-11-26|EPI_ISL_704249|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1721/2020|2020-05-30|EPI_ISL_471625|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/CA-QDX-2068/2020|2020-03-17|EPI_ISL_604323|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Brazil/MG-0212/2020|2020-03-14|EPI_ISL_470579|Original|hCoV-19^^Minas Gerais|Human|Hermes Pardini|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/MN-MDH-1419/2020|2020-03-18|EPI_ISL_514638|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/IL-UW-349/2020|2020-04-15|EPI_ISL_450703|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-ALSR-1049-SAN/2020|2020-06-21|EPI_ISL_483482|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-A5E986/2020|2020-10-12|EPI_ISL_597408|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24ACC/2020|2020-03-20|EPI_ISL_419480|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10547/2020|2020-11-02|EPI_ISL_670044|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47EB62/2020|2020-09-26|EPI_ISL_595559|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-AAFC41/2020|2020-10-22|EPI_ISL_623345|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/Donner4/2020|2020-04-06|EPI_ISL_438949|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/England/MILK-975E9A/2020|2020-08-20|EPI_ISL_552738|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12796/2020|2020-06-29|EPI_ISL_570841|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-1B8716A/2020|2020-10-27|EPI_ISL_724964|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-B3F4D4/2020|2020-11-08|EPI_ISL_658719|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Morocco/FMP-61/2020|2020-12-21|EPI_ISL_775263|Original|hCoV-19^^Rabat|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahghiri|Morocco

>Spike|hCoV-19/Brazil/SP-L7-CD72/2020|2020-03-24|EPI_ISL_476439|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Denmark/DCGC-9915/2020|2020-11-09|EPI_ISL_668492|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5878/2020|2020-06-30|EPI_ISL_547081|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-870/2020|2020-04-08|EPI_ISL_545887|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-0101/2020|2020-04-10|EPI_ISL_434595|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/NY-Wadsworth-37640-01/2020|2020-04-03|EPI_ISL_525652|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Northern Ireland/QEUA-95EC06/2020|2020-08-08|EPI_ISL_532502|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012942531/2020|2020-08-09|EPI_ISL_745802|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUA-AE2E79/2020|2020-10-27|EPI_ISL_649654|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/455/2020|2020-03-19|EPI_ISL_475986|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/MILK-9D3FA6/2020|2020-09-18|EPI_ISL_601636|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21417/2020|2020-12-21|EPI_ISL_758096|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AFCE0/2020|2020-05-04|EPI_ISL_459225|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2EDF6/2020|2020-04-07|EPI_ISL_446157|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410345/2020|2020-12-17|EPI_ISL_737799|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-Wadsworth-292006-01/2020|2020-00-00|EPI_ISL_767628|Original|hCoV-19^^New York|Human|WHITE PLAINS HOSPITAL CENTER LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-1B5476/2020|2020-07-01|EPI_ISL_490328|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-19709/2020|2020-09-11|EPI_ISL_547838|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/204262879/2020|2020-10-15|EPI_ISL_649808|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F4BE/2020|2020-11-10|EPI_ISL_681100|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20132068204/2020|2020-03-23|EPI_ISL_423796|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A85801/2020|2020-10-17|EPI_ISL_610628|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2158/2020|2020-03-12|EPI_ISL_500636|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/20118177604/2020|2020-03-13|EPI_ISL_464998|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0101/2020|2020-06-17|EPI_ISL_540979|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/QEUA-B0DDA7/2020|2020-11-02|EPI_ISL_642090|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2CF9/2020|2020-12-14|EPI_ISL_744007|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH469/2020|2020-08-04|EPI_ISL_512924|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/BRIS-1853E45/2020|2020-04-27|EPI_ISL_492421|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A8985/2020|2020-04-05|EPI_ISL_539026|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health

England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B09FB4/2020|2020-10-30|EPI_ISL_673047|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC15957/2020|2020-07-31|EPI_ISL_640479|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/MILK-B54B98/2020|2020-11-05|EPI_ISL_657729|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-BB0D1C/2020|2020-11-18|EPI_ISL_720291|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-QDX-1077/2020|2020-03-18|EPI_ISL_571913|Original|hCoV-19^^Wisconsin|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/MILK-A192D7/2020|2020-09-30|EPI_ISL_612499|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Bahrain/341051813_S12_L001/2020|2020-11-22|EPI_ISL_678268|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain
>Spike|hCoV-19/USA/WI-WSLH-200028/2020|2020-04-18|EPI_ISL_471193|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/Wales/PHWC-49BBC9/2020|2020-12-06|EPI_ISL_742442|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-20278/2020|2020-11-30|EPI_ISL_748089|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Brazil/SP-698/2020|2020-06-30|EPI_ISL_693240|Original|hCoV-19^^S\u00e3o Paulo|Human|Centro de Vigil\u00e2ncia a Saude de Diadema|Instituto Adolfo Lutz|Sacchi|Brazil
>Spike|hCoV-19/Sweden/20-52078/2020|2020-06-15|EPI_ISL_510875|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/England/CAMC-B0897B/2020|2020-10-29|EPI_ISL_643594|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/660/2020|2020-04-21|EPI_ISL_493420|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/England/QEUA-8930A0/2020|2020-07-27|EPI_ISL_532803|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-296C45/2020|2020-04-28|EPI_ISL_484275|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Australia/VIC4713/2020|2020-07-14|EPI_ISL_519101|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Russia/SVE-RII-MH1632S/2020|2020-09-08|EPI_ISL_596302|Original|hCoV-19^^Sverdlovsk|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/MI-MDHHS-SC21655/2020|2020-07-06|EPI_ISL_516382|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-3120/2020|2020-08-31|EPI_ISL_615937|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17231/2020|2020-12-14|EPI_ISL_750341|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1262/2020|2020-06-04|EPI_ISL_541169|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-9D0D09/2020|2020-09-13|EPI_ISL_589861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3698/2020|2020-05-25|EPI_ISL_473761|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/ON-S1237/2020|2020-04-16|EPI_ISL_586308|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Wales/PHWC-16ECFC/2020|2020-10-03|EPI_ISL_585852|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11579/2020|2020-11-02|EPI_ISL_670554|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/NPHL-3206/2020|2020-00-00|EPI_ISL_561313|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/QEUA-9B7791/2020|2020-09-08|EPI_ISL_590601|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79624/2020|2020-10-13|EPI_ISL_606762|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5BC34/2020|2020-11-09|EPI_ISL_655286|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0212/2020|2020-03-18|EPI_ISL_512862|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/India/MH-ACTREC-114/2020|2020-05-25|EPI_ISL_699770|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/204420070/2020|2020-10-26|EPI_ISL_637150|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Singapore/211/2020|2020-03-02|EPI_ISL_462329|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Germany/ST-MD012/2020|2020-04-16|EPI_ISL_728348|Original|hCoV-19^^Saxony-Anhalt|Human|Institute of medical Microbiology and hospital Hygiene|Institute of medical Microbiology and hospital Hygiene|Tersteegen|Germany

>Spike|hCoV-19/Wales/PHWC-16B7EF/2020|2020-09-16|EPI_ISL_573904|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH198S/2020|2020-07-17|EPI_ISL_560312|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-ALSR-1191/2020|2020-04-02|EPI_ISL_494427|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/AR-IBV-98008134/2020|2020-10-13|EPI_ISL_654462|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-166E67/2020|2020-06-23|EPI_ISL_494122|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201006281/2020|2020-07-06|EPI_ISL_594048|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/20180025604/2020|2020-04-23|EPI_ISL_465430|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-01677/2020|2020-04-13|EPI_ISL_454707|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-22581/2020|2020-12-14|EPI_ISL_757458|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002165/2020|2020-07-22|EPI_ISL_515571|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-2CAB5/2020|2020-04-01|EPI_ISL_445945|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A57A/2020|2020-11-15|EPI_ISL_673759|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BF0B52/2020|2020-12-05|EPI_ISL_709133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0513-SAN/2020|2020-04-02|EPI_ISL_483192|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-A5903B/2020|2020-10-09|EPI_ISL_597118|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AA04FD/2020|2020-10-20|EPI_ISL_650296|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/EDB2714/2020|2020-03-27|EPI_ISL_487869|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0C037/2020|2020-10-01|EPI_ISL_599274|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9B4F23/2020|2020-09-07|EPI_ISL_602078|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AC6D7/2020|2020-04-05|EPI_ISL_448476|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-2123/2020|2020-03-16|EPI_ISL_604480|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/VC-FISABIO-272/2020|2020-03-25|EPI_ISL_436367|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/SHEF-10D3276/2020|2020-12-19|EPI_ISL_765189|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/ACT0089/2020|2020-07-03|EPI_ISL_498547|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/Russia/KL-RII-MH1686S/2020|2020-09-03|EPI_ISL_596317|Original|hCoV-19^^Kalmykia|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/WI-UW-2616/2021|2021-01-01|EPI_ISL_791133|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/United Arab Emirates/0140/2020|2020-05-18|EPI_ISL_698327|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-9CAD6C/2020|2020-09-16|EPI_ISL_575618|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2489/2020|2020-06-16|EPI_ISL_497121|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-ALSR-3396/2020|2020-08-10|EPI_ISL_636002|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-8451/2020|2020-09-00|EPI_ISL_687550|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A69E3E/2020|2020-10-09|EPI_ISL_608753|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B2901/2020|2020-05-18|EPI_ISL_456705|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-B463DD/2020|2020-11-07|EPI_ISL_656285|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC46DC/2020|2020-11-10|EPI_ISL_705904|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-1497/2020|2020-04-00|EPI_ISL_685104|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-78CC3/2020|2020-04-03|EPI_ISL_441150|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-950BDA/2020|2020-06-14|EPI_ISL_554463|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/HKU-200723-012/2020|2020-07-09|EPI_ISL_497779|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/England/ALDP-A519B0/2020|2020-10-07|EPI_ISL_598195|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Beijing/BJ287/2020|2020-01-29|EPI_ISL_430722|Original|hCoV-19^^Beijing|Human|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China

>Spike|hCoV-19/England/ALDP-4FA375/2020|2020-06-24|EPI_ISL_559209|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142082704/2020|2020-03-30|EPI_ISL_423463|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-AA080/2020|2020-03-23|EPI_ISL_517396|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26684432/2020|2020-04-14|EPI_ISL_485261|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Russia/StPetersburg-RII15518S/2020|2020-05-15|EPI_ISL_507267|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Netherlands/NA_520/2020|2020-03-27|EPI_ISL_460693|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-B2C1A6/2020|2020-11-04|EPI_ISL_680066|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10224/2020|2020-05-15|EPI_ISL_498130|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/France/ARA-06042/2020|2020-03-04|EPI_ISL_417333|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-19192/2020|2020-12-07|EPI_ISL_748804|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-1235/2020|2020-08-05|EPI_ISL_528654|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/MILK-B8F8F7/2020|2020-11-13|EPI_ISL_674639|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0271/2020|2020-06-13|EPI_ISL_527838|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-16BFBA/2020|2020-09-15|EPI_ISL_573998|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/NVS-RII-MH1097V/2020|2020-07-29|EPI_ISL_596265|V1|hCoV-19^^Novosibirsk|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUA-B2B6C6/2020|2020-11-03|EPI_ISL_676435|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C732/2020|2020-11-08|EPI_ISL_655810|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13395/2020|2020-11-30|EPI_ISL_712271|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-29DC4E/2020|2020-05-07|EPI_ISL_484312|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9529/2020|2020-04-08|EPI_ISL_672121|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FCC21/2020|2020-04-22|EPI_ISL_470048|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0768/2020|2020-06-09|EPI_ISL_526884|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-13399/2020|2020-11-30|EPI_ISL_712774|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8852/2020|2020-10-26|EPI_ISL_626081|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A67BFD/2020|2020-10-10|EPI_ISL_608621|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-960C7A/2020|2020-08-04|EPI_ISL_532033|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2414/2020|2020-12-07|EPI_ISL_754674|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/TX-DSHS-1808/2020|2020-06-15|EPI_ISL_738178|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/QEUA-96BE2E/2020|2020-08-14|EPI_ISL_531283|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD487C/2020|2020-10-26|EPI_ISL_634021|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16906/2020|2020-00-00|EPI_ISL_663634|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S584/2020|2020-03-24|EPI_ISL_434344|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-489EC5/2020|2020-10-27|EPI_ISL_652503|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-426/2020|2020-04-27|EPI_ISL_738298|Original|hCoV-19^^Connecticut|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/CAMB-76A34/2020|2020-03-30|EPI_ISL_438377|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B3718A/2020|2020-11-05|EPI_ISL_645356|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/ChVir3098/2020|2020-04-09|EPI_ISL_729530|Original|hCoV-19^^Germany|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Wales/PHWC-16619B/2020|2020-06-19|EPI_ISL_490845|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036710490/2020|2020-10-30|EPI_ISL_682137|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MA-MASPHL-00423/2020|2020-04-27|EPI_ISL_693129|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/WA-UW-23371/2020|2020-08-10|EPI_ISL_576434|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Hong Kong/HKU-200723-090/2020|2020-07-11|EPI_ISL_497857|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Japan/PG-6003/2020|2020-07-00|EPI_ISL_689116|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20132087602/2020|2020-03-23|EPI_ISL_420512|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16438/2020|2020-11-16|EPI_ISL_714767|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-BC8898/2020|2020-11-22|EPI_ISL_767319|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8897/2020|2020-07-14|EPI_ISL_565270|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17059/2020|2020-12-14|EPI_ISL_750736|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-12500/2020|2020-11-16|EPI_ISL_682681|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BC1C39/2020|2020-11-22|EPI_ISL_704696|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA37A6/2020|2020-10-22|EPI_ISL_624969|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16302/2020|2020-10-13|EPI_ISL_641214|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-9332/2020|2020-11-16|EPI_ISL_668615|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9C5842/2020|2020-09-11|EPI_ISL_567579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-8381C/2020|2020-04-15|EPI_ISL_443678|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/PORT-2D17C5/2020|2020-04-12|EPI_ISL_484419|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/NORW-EB7BB/2020|2020-05-05|EPI_ISL_472317|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15933/2020|2020-07-10|EPI_ISL_785617|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-51740/2020|2020-05-25|EPI_ISL_510841|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi NAL Trollhattan|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/QLD1272/2020|2020-03-20|EPI_ISL_693274|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/NOTT-1157E4/2020|2020-10-14|EPI_ISL_595266|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/env/Qingdao/IVDC-08-10/2020|2020-09-24|EPI_ISL_591277|Original|hCoV-19^^Shandong|Environment|National Institute for Viral Disease Control and Prevention|National Institute for Viral Disease Control and Prevention|Chen|China

>Spike|hCoV-19/England/LIVE-9D76D/2020|2020-04-15|EPI_ISL_453231|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-B942F1/2020|2020-11-13|EPI_ISL_676063|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1421/2020|2020-04-21|EPI_ISL_542713|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-27681/2020|2020-10-25|EPI_ISL_660985|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Spain/PV-IBV-2099/2020|2020-04-11|EPI_ISL_468922|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/South Korea/KDCA0319/2020|2020-10-16|EPI_ISL_760105|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Wales/PHWC-16C4C9/2020|2020-05-30|EPI_ISL_574060|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14757/2020|2020-10-12|EPI_ISL_786242|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036599140/2020|2020-10-23|EPI_ISL_640215|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-18198/2020|2020-12-14|EPI_ISL_749810|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-00031/2020|2020-03-25|EPI_ISL_460111|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/CA-ALSR-2167/2020|2020-06-01|EPI_ISL_635368|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-BCA605/2020|2020-11-23|EPI_ISL_703571|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9E1CD/2020|2020-11-16|EPI_ISL_720954|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50107/2020|2020-03-03|EPI_ISL_454881|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-11554/2020|2020-11-02|EPI_ISL_670680|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-625/2020|2020-04-11|EPI_ISL_547340|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NA_435/2020|2020-04-07|EPI_ISL_455237|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-48C0AE/2020|2020-11-07|EPI_ISL_666389|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LCST-24D6A47/2020|2020-06-04|EPI_ISL_478322|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Sweden/20-22153/2020|2020-06-02|EPI_ISL_623084|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Netherlands/ZH-EMC-492/2020|2020-00-00|EPI_ISL_577921|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC5779/2020|2020-07-20|EPI_ISL_518577|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A4FA3A/2020|2020-10-07|EPI_ISL_597774|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-99009877/2020|2020-08-01|EPI_ISL_660274|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A66B94/2020|2020-10-12|EPI_ISL_630378|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11003/2020|2020-11-02|EPI_ISL_670338|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/RI-CDC-2-3714588/2020|2020-12-03|EPI_ISL_751671|Original|hCoV-19^^Rhode Island|Human|RI State Health Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-BBABFA/2020|2020-11-21|EPI_ISL_702570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B6A1F7/2020|2020-11-11|EPI_ISL_662620|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A8B9CC/2020|2020-10-16|EPI_ISL_643203|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/TUS-UOS-21/2020|2020-04-27|EPI_ISL_591331|Original|hCoV-19^^Tuscany|Human|Dipartimento di Biotecnologie Mediche|Dipartimento di Biotecnologie Mediche|Cusi|Italy

>Spike|hCoV-19/England/LIVE-9A593/2020|2020-03-25|EPI_ISL_449348|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15875/2020|2020-11-23|EPI_ISL_714079|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-126018E/2020|2020-04-07|EPI_ISL_524672|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-954329/2020|2020-06-13|EPI_ISL_553817|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11533/2020|2020-06-21|EPI_ISL_570432|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-393/2020|2020-07-22|EPI_ISL_523733|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-4812D0/2020|2020-10-16|EPI_ISL_613052|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E2065/2020|2020-09-20|EPI_ISL_581120|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200716/2020|2020-06-28|EPI_ISL_631472|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMB-7EB75/2020|2020-04-07|EPI_ISL_442963|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-94F4A6/2020|2020-06-19|EPI_ISL_556003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-16665/2020|2020-03-30|EPI_ISL_508987|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-B75584/2020|2020-11-12|EPI_ISL_662276|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42197732/2020|2020-03-18|EPI_ISL_528217|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/BIRM-6AECE/2020|2020-11-13|EPI_ISL_679115|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-4200/2020|2020-07-00|EPI_ISL_692438|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-99012346/2020|2020-11-20|EPI_ISL_779995|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-4909AC/2020|2020-11-16|EPI_ISL_703870|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DCB9AF/2020|2020-11-25|EPI_ISL_724444|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7989/2020|2020-10-26|EPI_ISL_617110|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Egypt/MASRI-3/2020|2020-05-00|EPI_ISL_475746|Original|hCoV-19^^Egypt|Human|Medical Ain Shams Research Institute (MASRI)|Medical Ain Shams Research Institute (MASRI)|Moustafa|Egypt

>Spike|hCoV-19/USA/WI-UW-2589/2021|2021-01-03|EPI_ISL_791107|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/UT-UPHL-2012190312/2020|2020-08-15|EPI_ISL_746297|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Singapore/865/2020|2020-08-20|EPI_ISL_527374|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/203480317/2020|2020-08-19|EPI_ISL_566068|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-88DA9C/2020|2020-07-27|EPI_ISL_532822|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A9EE4F/2020|2020-10-20|EPI_ISL_625377|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9963C1/2020|2020-08-27|EPI_ISL_549529|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4342/2020|2020-09-07|EPI_ISL_615544|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1562/2020|2020-04-14|EPI_ISL_678114|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/DE-DHSS-F918046/2020|2020-03-27|EPI_ISL_593939|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Australia/VIC2900/2020|2020-07-08|EPI_ISL_521731|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20302/2020|2020-03-25|EPI_ISL_447099|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/South Africa/LR00149/2020|2020-07-21|EPI_ISL_514417|Original|hCoV-19^^Free State|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/VA-DCLS-0077/2020|2020-04-04|EPI_ISL_429976|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-9904B5/2020|2020-08-29|EPI_ISL_530379|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7147879/2020|2020-11-22|EPI_ISL_744523|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/CT-IBV-97009563/2020|2020-07-30|EPI_ISL_671860|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/QLD1121/2020|2020-09-23|EPI_ISL_593636|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/ALDP-B1CD78/2020|2020-11-01|EPI_ISL_645715|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM95751496/2020|2020-11-18|EPI_ISL_753376|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/GSTT-265DDF2/2020|2020-03-28|EPI_ISL_484109|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1055/2020|2020-06-17|EPI_ISL_512905|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-C48C1B/2020|2020-12-12|EPI_ISL_736704|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10336D/2020|2020-04-17|EPI_ISL_489266|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4221/2020|2020-08-18|EPI_ISL_648895|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42201473/2020|2020-03-21|EPI_ISL_528295|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/MILK-9F18A7/2020|2020-09-25|EPI_ISL_589636|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000994/2020|2020-10-01|EPI_ISL_633019|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/FL-BPHL-1761/2020|2020-10-02|EPI_ISL_613766|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-7BFD6/2020|2020-04-13|EPI_ISL_433976|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BHRT-24B3925/2020|2020-05-21|EPI_ISL_528790|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/11376/2020|2020-05-25|EPI_ISL_527513|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Australia/NSW895/2020|2020-08-26|EPI_ISL_544976|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/South Korea/KDCA0408/2020|2020-11-10|EPI_ISL_760192|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/BRIS-122D79/2020|2020-04-02|EPI_ISL_440702|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Hungary/UD-6858/2020|2020-04-08|EPI_ISL_476071|Original|hCoV-19^^Debrecen|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/EXET-13EB25/2020|2020-12-14|EPI_ISL_764183|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-BB357B/2020|2020-11-19|EPI_ISL_702741|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/TAM-INDRE_38/2020|2020-06-19|EPI_ISL_516624|Original|hCoV-19^^Tamaulipas|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/England/20149027404/2020|2020-04-03|EPI_ISL_466180|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Ukraine/203100356/2020|2020-05-28|EPI_ISL_512635|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/USA/WY-WPHL-20149634/2020|2020-11-24|EPI_ISL_770063|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Spain/MD-IBV-99009620/2020|2020-08-06|EPI_ISL_654362|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-49298C/2020|2020-11-20|EPI_ISL_725727|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2253/2020|2020-04-00|EPI_ISL_685858|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B510AB/2020|2020-11-08|EPI_ISL_657885|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1A18/2020|2020-10-22|EPI_ISL_624511|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/44/2020|2020-03-23|EPI_ISL_434465|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Wuhan/HB-WHCM2-271/2020|2020-02-17|EPI_ISL_455006|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Denmark/DCGC-18970/2020|2020-12-07|EPI_ISL_748672|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036361683/2020|2020-10-09|EPI_ISL_596619|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Australia/VIC2578/2020|2020-07-03|EPI_ISL_521453|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-7806/2020|2020-07-00|EPI_ISL_686908|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-5317C0/2020|2020-05-18|EPI_ISL_532217|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1317/2020|2020-07-09|EPI_ISL_572257|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/UT-UPHL-01963/2020|2020-04-15|EPI_ISL_575245|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/PAC-IHU-0224/2020|2020-03-29|EPI_ISL_569387|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a0Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/New Zealand/20VR2531/2020|2020-00-00|EPI_ISL_579276|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Netherlands/Gelderland_118/2020|2020-05-22|EPI_ISL_460879|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-AA75E/2020|2020-03-24|EPI_ISL_517496|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Norway/4917/2020|2020-10-25|EPI_ISL_668431|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Netherlands/NA_350/2020|2020-04-06|EPI_ISL_455155|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20130072404/2020|2020-03-23|EPI_ISL_423666|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20172574/2020|2020-12-31|EPI_ISL_770488|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Austria/CeMM0617/2020|2020-04-22|EPI_ISL_583616|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/205160919/2020|2020-12-11|EPI_ISL_766261|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15238/2020|2020-11-24|EPI_ISL_739456|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/South Africa/KRISP-K005332/2020|2020-11-14|EPI_ISL_678620|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CO-CSU-D1490-2/2020|2020-04-15|EPI_ISL_527440|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/India/GJ-GBRC163a/2020|2020-05-27|EPI_ISL_461497|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMB-1AFF6/2020|2020-05-07|EPI_ISL_448096|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19546/2020|2020-11-17|EPI_ISL_783921|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB5348/2020|2020-05-23|EPI_ISL_457004|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B22E7C/2020|2020-11-02|EPI_ISL_647170|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-126F15/2020|2020-04-23|EPI_ISL_469755|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15749/2020|2020-07-09|EPI_ISL_785433|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC684/2020|2020-03-29|EPI_ISL_426979|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B73FD3/2020|2020-11-12|EPI_ISL_662047|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACE480/2020|2020-10-21|EPI_ISL_629295|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hangzhou/HZCDC0048L/2020|2020-01-21|EPI_ISL_421232|Original|hCoV-19^^Hangzhou|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China

>Spike|hCoV-19/USA/MD-MDH-0526/2020|2020-12-01|EPI_ISL_778903|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/MILK-99D1EE/2020|2020-08-30|EPI_ISL_550731|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BA101/2020|2020-11-06|EPI_ISL_651582|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F3ACD/2020|2020-09-24|EPI_ISL_588622|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3108/2020|2020-07-06|EPI_ISL_520815|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-222D2D/2020|2020-12-19|EPI_ISL_741519|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11820/2020|2020-10-02|EPI_ISL_625658|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Russia/SVE-RII-MH2038S/2020|2020-09-21|EPI_ISL_602386|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/ID-UW-2047/2020|2020-03-22|EPI_ISL_477680|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A05766/2020|2020-09-30|EPI_ISL_599860|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26544541/2020|2020-04-18|EPI_ISL_485122|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Denmark/DCGC-18836/2020|2020-12-07|EPI_ISL_748587|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B14068/2020|2020-11-03|EPI_ISL_641793|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12736/2020|2020-08-31|EPI_ISL_790494|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-2081/2020|2020-08-04|EPI_ISL_667111|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WI-GMF-18735/2020|2020-09-04|EPI_ISL_547781|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/FL-BPHL-0427/2020|2020-03-21|EPI_ISL_495333|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/AZ-TG408144/2020|2020-06-12|EPI_ISL_694900|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC17907/2020|2020-08-21|EPI_ISL_779550|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/CAMB-80BBC/2020|2020-04-11|EPI_ISL_442949|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC12651/2020|2020-07-26|EPI_ISL_592045|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-2154/2020|2020-10-15|EPI_ISL_677558|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/GSTT-265DEFF/2020|2020-03-28|EPI_ISL_484123|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/QEUA-96C86B/2020|2020-08-21|EPI_ISL_530656|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12EB73/2020|2020-04-24|EPI_ISL_488415|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134079504/2020|2020-03-24|EPI_ISL_423178|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-8373D/2020|2020-04-15|EPI_ISL_443647|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/CRIE4980432/2020|2020-07-16|EPI_ISL_534342|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Speranskaya|Russia

>Spike|hCoV-19/USA/WA-UW-5166/2020|2020-04-02|EPI_ISL_429653|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0081v2/2020|2020-04-15|EPI_ISL_644286|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish

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Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/VIC7442/2020|2020-07-23|EPI_ISL_564416|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1048/2020|2020-06-

13|EPI_ISL_513079|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/IL-NM-0552/2020|2020-04-30|EPI_ISL_626455|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/AK-PHL602/2020|2020-06-24|EPI_ISL_586245|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/QEUEH-B3F744/2020|2020-11-08|EPI_ISL_658641|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA9A2/2020|2020-04-18|EPI_ISL_470199|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-298751/2020|2020-05-18|EPI_ISL_469316|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1138/2020|2020-03-23|EPI_ISL_614632|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F1010662/2020|2020-10-01|EPI_ISL_708429|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Vietnam/VNHN_4958/2020|2020-04-10|EPI_ISL_455718|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/India/MH-NCCS-NR2099/2020|2020-05-21|EPI_ISL_496568|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/South Africa/KRISP-K002241/2020|2020-07-21|EPI_ISL_515632|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-18390/2020|2020-12-07|EPI_ISL_749230|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/3272/2020|2020-08-24|EPI_ISL_590910|original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/CA-CDPH168/2020|2020-07-19|EPI_ISL_754944|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Belgium/Rega-0328202/2020|2020-03-28|EPI_ISL_458172|Original|hCoV-19^^Colfontaine|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-B390F4/2020|2020-11-02|EPI_ISL_651289|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Japan/PG-8146/2020|2020-08-00|EPI_ISL_687245|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-51681/2020|2020-05-25|EPI_ISL_476137|Original|hCoV-19^^Vastra Gotaland|Human|Wasterlakarna|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Germany/NW-HHU-265/2020|2020-09-22|EPI_ISL_631353|Orginal|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcrreseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/France/ARA-SC316/2020|2020-04-18|EPI_ISL_649950|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Australia/VIC3797/2020|2020-07-12|EPI_ISL_520514|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A92AED/2020|2020-10-19|EPI_ISL_611129|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1B48/2020|2020-05-13|EPI_ISL_453000|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/EXET-13AFE1/2020|2020-11-10|EPI_ISL_664417|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1999/2020|2020-06-04|EPI_ISL_495180|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/LIVE-A85CF/2020|2020-03-26|EPI_ISL_517186|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-2990/2020|2020-04-00|EPI_ISL_691114|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-78874/2020|2020-04-06|EPI_ISL_433782|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-9C601C/2020|2020-09-10|EPI_ISL_567748|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC269/2020|2020-06-13|EPI_ISL_483866|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUH-AE4F74/2020|2020-10-27|EPI_ISL_633202|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15FF04/2020|2020-04-23|EPI_ISL_472871|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7553/2020|2020-11-00|EPI_ISL_740716|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/ALDP-9CDC99/2020|2020-09-16|EPI_ISL_566111|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2AA1D6/2020|2020-04-04|EPI_ISL_538895|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1297CF/2020|2020-03-31|EPI_ISL_458825|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3123/2020|2020-04-04|EPI_ISL_488914|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20890/2020|2020-10-02|EPI_ISL_790928|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/204761672/2020|2020-11-19|EPI_ISL_766274|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9024343/2020|2020-12-28|EPI_ISL_771124|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WI-UW-1197/2020|2020-07-29|EPI_ISL_527807|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03678/2020|2020-11-00|EPI_ISL_775162|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/TX-DSHS-0714/2020|2020-09-09|EPI_ISL_576357|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/BIRM-646BD/2020|2020-09-23|EPI_ISL_594504|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/SHEF-C0075/2020|2020-03-23|EPI_ISL_420271|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1970/2020|2020-05-15|EPI_ISL_542927|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2012303126/2020|2020-08-17|EPI_ISL_746059|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B6C483/2020|2020-11-11|EPI_ISL_655272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4125/2020|2020-06-18|EPI_ISL_543391|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-3702/2020|2020-10-19|EPI_ISL_667510|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-9E9392/2020|2020-09-24|EPI_ISL_584210|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B5BCCB/2020|2020-11-09|EPI_ISL_655878|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8256/2020|2020-07-07|EPI_ISL_784295|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B0DE1D/2020|2020-11-02|EPI_ISL_641998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205260463/2020|2020-12-20|EPI_ISL_754319|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7874A/2020|2020-04-06|EPI_ISL_433768|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/South Korea/KUMC01/2020|2020-02-06|EPI_ISL_413017|Original|hCoV-19^^South Korea|Human|Department of Microbiology|Department of Microbiology|Park|South Korea

>Spike|hCoV-19/Denmark/DCGC-1485/2020|2020-06-01|EPI_ISL_617969|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Gelderland_125/2020|2020-05-22|EPI_ISL_460886|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-D1D6B/2020|2020-04-18|EPI_ISL_462080|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-B38031/2020|2020-11-05|EPI_ISL_658745|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79EBD/2020|2020-04-01|EPI_ISL_440613|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/IL-NM0119/2020|2020-03-21|EPI_ISL_444602|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Denmark/DCGC-8784/2020|2020-10-26|EPI_ISL_626054|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7BA35/2020|2020-10-15|EPI_ISL_607477|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/NGR-RII-MH6330S/2020|2020-11-12|EPI_ISL_733382|Original|hCoV-19^^Novgorod|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-B24706/2020|2020-11-04|EPI_ISL_646864|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-867/2020|2020-10-16|EPI_ISL_632751|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-952CB7/2020|2020-06-13|EPI_ISL_555320|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-242E2/2020|2020-03-16|EPI_ISL_418165|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2350/2020|2020-05-13|EPI_ISL_513798|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-AA21E5/2020|2020-10-22|EPI_ISL_625104|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9942D5/2020|2020-08-26|EPI_ISL_551634|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB54D6/2020|2020-11-21|EPI_ISL_701700|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7121/2020|2020-08-05|EPI_ISL_514539|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497E79/2020|2020-12-01|EPI_ISL_726987|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5585/2020|2020-09-28|EPI_ISL_620910|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_23052516/2020|2020-03-00|EPI_ISL_462839|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/NY-PV09121/2020|2020-03-19|EPI_ISL_422496|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/India/GJ-GBRC297b/2020|2020-06-15|EPI_ISL_495039|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-B3D096/2020|2020-11-01|EPI_ISL_706217|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0511/2020|2020-05-29|EPI_ISL_485822|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/WA350/2020|2020-04-06|EPI_ISL_605827|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Scotland/CVR787/2020|2020-03-27|EPI_ISL_439110|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8163/2020|2020-10-26|EPI_ISL_617230|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A9774/2020|2020-09-01|EPI_ISL_551262|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1261/2020|2020-03-19|EPI_ISL_511222|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-95028A/2020|2020-06-17|EPI_ISL_555273|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/5LS16H9/2020|2020-10-05|EPI_ISL_756046|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/WA-UW-2743/2020|2020-04-15|EPI_ISL_486025|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-9AA1B1/2020|2020-09-01|EPI_ISL_550869|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1776/2020|2020-09-16|EPI_ISL_644866|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-A9F118/2020|2020-10-20|EPI_ISL_611370|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0825/2020|2020-05-19|EPI_ISL_698964|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Switzerland/VD-ETHZ-240074/2020|2020-08-10|EPI_ISL_523912|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9521A9/2020|2020-06-09|EPI_ISL_553636|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08491/2020|2020-05-21|EPI_ISL_524259|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-321444/2020|2020-10-14|EPI_ISL_603668|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-18175/2020|2020-11-14|EPI_ISL_784523|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-BFB498/2020|2020-12-04|EPI_ISL_709029|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/IMR-WC124489/2020|2020-07-25|EPI_ISL_718284|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/England/MILK-99A80A/2020|2020-08-29|EPI_ISL_550263|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124DCE0/2020|2020-00-00|EPI_ISL_584646|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Scotland/EDB1481/2020|2020-04-12|EPI_ISL_491590|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15918/2020|2020-07-31|EPI_ISL_640778|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-99C5C5/2020|2020-08-30|EPI_ISL_550766|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B48010/2020|2020-11-07|EPI_ISL_649406|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2323/2020|2020-06-26|EPI_ISL_522044|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-CC2280/2020|2020-12-21|EPI_ISL_778145|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1658C4/2020|2020-05-11|EPI_ISL_490737|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Chile/RM-128080/2020|2020-07-18|EPI_ISL_746614|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/France/OCC-SC493/2020|2020-03-26|EPI_ISL_644692|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-4A0C0A/2020|2020-12-11|EPI_ISL_743559|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18362/2020|2020-12-07|EPI_ISL_749497|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7261/2020|2020-08-00|EPI_ISL_688364|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-1181/2020|2020-07-11|EPI_ISL_509157|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MO-WUSTL063/2020|2020-06-19|EPI_ISL_493082|Original|hCoV-19^^Missouri|Human|Washington University in St. Louis|Washington University in St. Louis|Tahan|USA

>Spike|hCoV-19/England/ALDP-63CBF5/2020|2020-07-04|EPI_ISL_556265|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D219/2020|2020-09-26|EPI_ISL_574213|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG359176/2020|2020-06-08|EPI_ISL_694443|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/UT-UPHL-2012874225/2020|2020-08-03|EPI_ISL_745744|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-GMF-32385/2020|2020-11-09|EPI_ISL_661140|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-9F2958/2020|2020-09-22|EPI_ISL_589237|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0077/2020|2020-03-21|EPI_ISL_421480|Original|hCoV-19^^Portugal|Human|CH Barreiro Montijo|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Spain/MD-IBV-99008607/2020|2020-06-17|EPI_ISL_654186|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-PV09435/2020|2020-03-13|EPI_ISL_450112|Original|hCoV-19^^New York|Human|MSSM Clinical Microbiology Laboratories|MSSM Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/NE-11323/2020|2020-05-04|EPI_ISL_466661|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Wales/PHWC-49A0CB/2020|2020-11-30|EPI_ISL_727492|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15442/2020|2020-12-03|EPI_ISL_739401|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MA-MGH-02662/2020|2020-09-23|EPI_ISL_765583|Original|hCoV-19^^Massachusetts|Human|Brigham and Womens Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/201140388/2020|2020-03-10|EPI_ISL_464730|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A86E2C/2020|2020-10-16|EPI_ISL_606166|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15482/2020|2020-10-25|EPI_ISL_786966|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0471/2020|2020-04-05|EPI_ISL_569535|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-19115/2020|2020-12-07|EPI_ISL_748193|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B77A0B/2020|2020-11-11|EPI_ISL_661817|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4285/2020|2020-09-07|EPI_ISL_615722|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-283355/2020|2020-00-00|EPI_ISL_472239|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-C321D9/2020|2020-12-11|EPI_ISL_782598|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03694/2020|2020-11-00|EPI_ISL_775177|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-9C5BD0/2020|2020-09-10|EPI_ISL_567805|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-07896/2020|2020-04-27|EPI_ISL_455102|Original|hCoV-19^^Vastmanland|Human|Kungsors VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-22337/2020|2020-12-14|EPI_ISL_758687|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1D050/2020|2020-11-01|EPI_ISL_645573|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R13564-20/2020|2020-07-13|EPI_ISL_622907|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/LIVE-DB2CB1/2020|2020-10-27|EPI_ISL_637908|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MD-HP00093/2020|2020-03-31|EPI_ISL_457758|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Gibraltar/205121243/2020|2020-00-00|EPI_ISL_766365|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/MILK-A7BEFD/2020|2020-10-15|EPI_ISL_607369|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A8667F/2020|2020-10-16|EPI_ISL_606035|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-FA2C7/2020|2020-12-08|EPI_ISL_725490|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0176/2020|2020-04-03|EPI_ISL_480827|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-C3AA5E/2020|2020-12-09|EPI_ISL_731570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2767/2020|2020-03-27|EPI_ISL_486030|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/BC-BCCDC-6460/2020|2020-10-00|EPI_ISL_740607|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/ALDP-B48F9B/2020|2020-11-07|EPI_ISL_649413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204590546/2020|2020-11-02|EPI_ISL_700647|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22654/2020|2020-11-16|EPI_ISL_737268|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Luxembourg/LNS7693582/2020|2020-10-30|EPI_ISL_744616|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-3385/2020|2020-05-00|EPI_ISL_691500|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16443A/2020|2020-05-10|EPI_ISL_474177|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-120/2020|2020-03-20|EPI_ISL_427276|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/Spain/MD-IBV-003720/2020|2020-04-03|EPI_ISL_467236|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-499ABF/2020|2020-12-05|EPI_ISL_727399|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12352/2020|2020-06-27|EPI_ISL_570509|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-A4C8E8/2020|2020-10-05|EPI_ISL_628575|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-A6461D/2020|2020-10-11|EPI_ISL_609156|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACF12E/2020|2020-10-22|EPI_ISL_629629|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F17B/2020|2020-10-15|EPI_ISL_607963|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12172/2020|2020-09-21|EPI_ISL_790233|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1976/2020|2020-04-16|EPI_ISL_653129|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1061/2020|2020-06-13|EPI_ISL_513086|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Scotland/QEUH-9DC4DB/2020|2020-09-22|EPI_ISL_601174|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-MVZ-LS-51/2020|2020-04-15|EPI_ISL_640268|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/South Africa/KRISP-K001408/2020|2020-07-18|EPI_ISL_515891|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/France/ARA-9476/2020|2020-03-16|EPI_ISL_509004|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|GH Les Portes du Sud|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-19413/2020|2020-11-30|EPI_ISL_783825|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20761/2020|2020-04-22|EPI_ISL_471782|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-C908B6/2020|2020-12-09|EPI_ISL_777295|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497EC4/2020|2020-11-30|EPI_ISL_726992|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B8B8/2020|2020-11-08|EPI_ISL_655389|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/BRE-IPP11309/2020|2020-12-16|EPI_ISL_754855|Original|hCoV-19^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/LIVE-DC9BD8/2020|2020-12-06|EPI_ISL_705352|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14814/2020|2020-11-23|EPI_ISL_712002|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A4F1C/2020|2020-12-09|EPI_ISL_763590|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DE59A/2020|2020-09-21|EPI_ISL_581346|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4870/2020|2020-09-21|EPI_ISL_621556|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-124C434/2020|2020-04-10|EPI_ISL_492887|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12983/2020|2020-12-07|EPI_ISL_712507|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR763/2020|2020-03-26|EPI_ISL_439105|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-C53FBA/2020|2020-12-12|EPI_ISL_736269|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-46667B/2020|2020-05-27|EPI_ISL_559750|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0348/2020|2020-05-15|EPI_ISL_698523|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Russia/OMS-ORINFI-3961S/2020|2020-07-08|EPI_ISL_569834|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Thailand/Bangkok-0056/2020|2020-03-28|EPI_ISL_446998|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Australia/SAP387/2020|2020-04-01|EPI_ISL_492152|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/FL-BPHL-0799/2020|2020-07-01|EPI_ISL_514145|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B47D38/2020|2020-11-07|EPI_ISL_649274|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D9B7F/2020|2020-09-18|EPI_ISL_576796|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/OCC-SC473/2020|2020-03-16|EPI_ISL_660675|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-76278/2020|2020-03-29|EPI_ISL_438266|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AD00010/2020|2020-10-02|EPI_ISL_708507|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/England/QEUA-CDF8BB/2020|2020-12-26|EPI_ISL_782449|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134019502/2020|2020-03-23|EPI_ISL_423105|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6CA9/2020|2020-09-24|EPI_ISL_580520|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462846/2020|2020-10-29|EPI_ISL_615016|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Australia/VIC5016/2020|2020-07-19|EPI_ISL_519820|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A31497/2020|2020-10-05|EPI_ISL_595893|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-AD1BC1/2020|2020-10-23|EPI_ISL_633694|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-142783-01/2020|2020-04-10|EPI_ISL_676976|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-1B633C/2020|2020-09-21|EPI_ISL_576899|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5232/2020|2020-06-19|EPI_ISL_544611|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-3600/2020|2020-03-25|EPI_ISL_570033|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A6B2B8/2020|2020-10-09|EPI_ISL_608730|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1173/2020|2020-04-00|EPI_ISL_684783|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NH-RIVM-20633/2020|2020-12-14|EPI_ISL_790709|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/NJ-QDX-2400/2020|2020-03-16|EPI_ISL_604703|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-4535/2020|2020-09-21|EPI_ISL_621331|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-0267/2020|2020-04-11|EPI_ISL_509086|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/NSW1188/2020|2020-10-28|EPI_ISL_667789|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/SHEF-C9197/2020|2020-09-17|EPI_ISL_585035|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/201640232/2020|2020-04-14|EPI_ISL_466450|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B18F/2020|2020-10-29|EPI_ISL_643602|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-97347C/2020|2020-08-19|EPI_ISL_575974|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB55F0/2020|2020-12-20|EPI_ISL_761811|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC192/2020|2020-06-05|EPI_ISL_469036|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/MA-MGH-03353/2020|2020-11-06|EPI_ISL_765800|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/CAMC-9BFFBF/2020|2020-09-07|EPI_ISL_573163|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE044/2020|2020-09-09|EPI_ISL_567969|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-B3FCBE/2020|2020-11-08|EPI_ISL_710886|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2120/2020|2020-03-15|EPI_ISL_498021|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC12809/2020|2020-09-11|EPI_ISL_563597|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48BCD8/2020|2020-11-04|EPI_ISL_665585|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A686/2020|2020-11-15|EPI_ISL_673589|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AAB1D/2020|2020-08-31|EPI_ISL_550843|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10713/2020|2020-10-26|EPI_ISL_636684|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/NY-NYCPHL-000160/2020|2020-04-08|EPI_ISL_631696|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-6B7284/2020|2020-06-29|EPI_ISL_557851|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13937/2020|2020-11-30|EPI_ISL_711083|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B680DE/2020|2020-11-11|EPI_ISL_662092|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B250D/2020|2020-05-18|EPI_ISL_456688|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-BC74FF/2020|2020-11-22|EPI_ISL_721308|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164D11/2020|2020-05-28|EPI_ISL_479374|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9750/2020|2020-05-18|EPI_ISL_672163|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-2565/2020|2020-07-06|EPI_ISL_635567|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00221a\u002265stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Japan/PG-8186/2020|2020-08-00|EPI_ISL_687285|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-5149CD/2020|2020-06-11|EPI_ISL_558932|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-36550-01/2020|2020-04-02|EPI_ISL_676797|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-9F6383/2020|2020-09-24|EPI_ISL_588803|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/6149/2020|2020-04-06|EPI_ISL_501217|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/USA/CA-CZB-11690/2020|2020-09-28|EPI_ISL_625496|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-79BB6/2020|2020-04-01|EPI_ISL_440564|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Sweden/20-08173/2020|2020-03-12|EPI_ISL_429125|Original|hCoV-19^^Halland|Human|Klinisk mikrobiologi och vardhygien Halmstad|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-B85E2C/2020|2020-11-13|EPI_ISL_673888|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5DB17/2020|2020-11-10|EPI_ISL_704467|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-99DC1A/2020|2020-08-31|EPI_ISL_550542|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B7236/2020|2020-09-07|EPI_ISL_590582|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CAD8D4/2020|2020-12-20|EPI_ISL_761015|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-100825/2020|2020-03-26|EPI_ISL_451774|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/204390340/2020|2020-10-23|EPI_ISL_637133|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9D3E9A/2020|2020-09-17|EPI_ISL_601640|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-RMRC165/2020|2020-05-07|EPI_ISL_455765|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Denmark/DCGC-6069/2020|2020-10-05|EPI_ISL_620263|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B2762/2020|2020-04-10|EPI_ISL_534769|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1665/2020|2020-06-24|EPI_ISL_710082|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-64C4D9/2020|2020-07-04|EPI_ISL_558065|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-41428-01/2020|2020-04-08|EPI_ISL_676825|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B62BE2/2020|2020-11-08|EPI_ISL_655400|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129148904/2020|2020-03-12|EPI_ISL_424117|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008883/2020|2020-05-26|EPI_ISL_524997|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1142/2020|2020-12-19|EPI_ISL_763219|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-49442F/2020|2020-11-18|EPI_ISL_726114|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-C14CBE/2020|2020-12-06|EPI_ISL_710667|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200669/2020|2020-09-21|EPI_ISL_753192|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Luxembourg/LNS0372015/2020|2020-11-25|EPI_ISL_739763|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/AZ-TG305958/2020|2020-04-28|EPI_ISL_694299|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/BRIS-1258C0/2020|2020-03-29|EPI_ISL_443866|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B8F7BE/2020|2020-11-13|EPI_ISL_674526|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17031/2020|2020-12-14|EPI_ISL_750322|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1427/2020|2020-04-00|EPI_ISL_685034|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/RJ-00427/2020|2020-11-04|EPI_ISL_717829|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Wales/PHWC-3565B/2020|2020-04-24|EPI_ISL_474458|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1525/2020|2020-05-23|EPI_ISL_495951|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NY-QDX-2414/2020|2020-03-16|EPI_ISL_604716|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/IB-IBV-2542/2020|2020-03-19|EPI_ISL_468975|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/20166003004/2020|2020-04-14|EPI_ISL_527336|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/Japan/PG-2541/2020|2020-05-00|EPI_ISL_690676|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Malaysia/IMR_WC12286/2020|2020-04-10|EPI_ISL_490016|Vero E6|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/USA/CA-ALSR-2302/2020|2020-07-09|EPI_ISL_635421|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-UM-10036333501/2020|2020-10-07|EPI_ISL_596584|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Australia/VIC5656/2020|2020-07-17|EPI_ISL_518466|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/IA-GMF-18219/2020|2020-08-31|EPI_ISL_547754|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/FL-QDX-272/2020|2020-03-17|EPI_ISL_571027|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Finland/5May49S6/2020|2020-05-05|EPI_ISL_481703|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Canada/BC-BCCDC-6416/2020|2020-10-00|EPI_ISL_740570|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/UT-UPHL-00017/2020|2020-03-13|EPI_ISL_575036|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/ON-PHL-20-90089/2020|2020-03-00|EPI_ISL_548938|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/TX-DSHS-1333/2020|2020-04-03|EPI_ISL_654915|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/FL-BPHL-0804/2020|2020-05-12|EPI_ISL_514150|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Norway/2477/2020|2020-04-27|EPI_ISL_481206|Original|hCoV-19^^Norway|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Japan/PG-2417/2020|2020-03-00|EPI_ISL_686022|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/ARA-112755/2020|2020-11-26|EPI_ISL_745338|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Thailand/UDC300823-3/2020|2020-04-01|EPI_ISL_450981|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/Spain/RI-IBV-99010912/2020|2020-11-04|EPI_ISL_732757|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-AB74D5/2020|2020-10-21|EPI_ISL_623275|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20556/2020|2020-12-21|EPI_ISL_758743|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Hong Kong/HKU-200723-033/2020|2020-07-11|EPI_ISL_497800|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/India/UN-770/2020|2020-03-03|EPI_ISL_420545|Original|hCoV-19^^India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-9228/2020|2020-07-02|EPI_ISL_781009|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1137/2020|2020-04-08|EPI_ISL_430607|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/ALAB-SSI393/2020|2020-03-24|EPI_ISL_429488|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Netherlands/NA_473/2020|2020-04-14|EPI_ISL_455275|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-3178/2020|2020-08-31|EPI_ISL_616000|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1579/2020|2020-05-26|EPI_ISL_496005|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-6082/2020|2020-10-05|EPI_ISL_620276|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/OR-RMRC171/2020|2020-05-07|EPI_ISL_455770|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/ALDP-9CC31D/2020|2020-09-16|EPI_ISL_573098|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9751/2020|2020-11-09|EPI_ISL_669148|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D62EF/2020|2020-04-21|EPI_ISL_482205|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A8398/2020|2020-03-26|EPI_ISL_517153|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-B050F1/2020|2020-10-24|EPI_ISL_638540|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/France/ARA-15834/2020|2020-03-28|EPI_ISL_678500|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH368/2020|2020-04-23|EPI_ISL_513142|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-A2F5A8/2020|2020-10-05|EPI_ISL_587022|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96C722/2020|2020-08-07|EPI_ISL_530862|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15295/2020|2020-11-20|EPI_ISL_739273|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_43/2020|2020-03-19|EPI_ISL_422915|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-2832/2020|2020-08-24|EPI_ISL_616658|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C15A2/2020|2020-05-22|EPI_ISL_462002|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2234/2020|2020-06-29|EPI_ISL_635397|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-19676/2020|2020-12-07|EPI_ISL_749105|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/LI-EMC-95/2020|2020-00-00|EPI_ISL_632433|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Korea/KCDC2599/2020|2020-06-30|EPI_ISL_515002|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/ZH-EMC-433/2020|2020-08-11|EPI_ISL_523771|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A51BD8/2020|2020-10-07|EPI_ISL_597884|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036826833/2020|2020-11-06|EPI_ISL_728383|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-97337F/2020|2020-08-19|EPI_ISL_575832|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4977/2020|2020-10-03|EPI_ISL_730250|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Japan/PG-7414/2020|2020-07-00|EPI_ISL_688516|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Singapore/427/2020|2020-03-20|EPI_ISL_475958|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUA-B1054F/2020|2020-11-02|EPI_ISL_642418|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2270/2020|2020-06-24|EPI_ISL_521992|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A8AA24/2020|2020-10-16|EPI_ISL_637871|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02295/2020|2020-09-00|EPI_ISL_671523|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/CA-CZB-1107/2020|2020-04-30|EPI_ISL_444065|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Singapore/1122/2020|2020-10-26|EPI_ISL_626633|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Japan/PG-6905/2020|2020-09-00|EPI_ISL_688013|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZuidHolland_118/2020|2020-04-10|EPI_ISL_455307|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-4870EF/2020|2020-10-31|EPI_ISL_637551|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2594/2020|2020-03-16|EPI_ISL_604885|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Russia/StPetersburg-RII10289S/2020|2020-04-25|EPI_ISL_507230|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Belgium/UGent-133/2020|2020-04-28|EPI_ISL_481227|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/LEED-2A8590/2020|2020-03-25|EPI_ISL_539064|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9F3B7/2020|2020-11-18|EPI_ISL_721132|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CAD731/2020|2020-12-20|EPI_ISL_761172|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15134/2020|2020-11-23|EPI_ISL_713650|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACD1B7/2020|2020-10-22|EPI_ISL_643984|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09045/2020|2020-03-21|EPI_ISL_422488|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/ALDP-BB9FFF/2020|2020-11-20|EPI_ISL_701942|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2004230207/2020|2020-04-21|EPI_ISL_710205|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/QEUEH-95E556/2020|2020-08-07|EPI_ISL_532413|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0271/2020|2020-11-00|EPI_ISL_667700|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9E8BC8/2020|2020-09-24|EPI_ISL_638137|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/LOND-D655F/2020|2020-04-22|EPI_ISL_487582|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SH-ETHZ-420714/2020|2020-12-24|EPI_ISL_768151|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-26A9D/2020|2020-03-30|EPI_ISL_422130|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9EE816/2020|2020-09-23|EPI_ISL_580649|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2E93C6/2020|2020-11-08|EPI_ISL_727697|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUH-B302CA/2020|2020-11-04|EPI_ISL_659906|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-942/2020|2020-04-17|EPI_ISL_483673|Original|hCoV-19^^Zurich|Human|University Hospital Zurich|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-9614AE/2020|2020-08-02|EPI_ISL_537106|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-589/2020|2020-09-04|EPI_ISL_723063|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/MA-MGH-00824/2020|2020-04-13|EPI_ISL_791781|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/CAMC-B7B199/2020|2020-11-12|EPI_ISL_723989|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B8F39C/2020|2020-11-13|EPI_ISL_675145|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2831/2020|2020-04-00|EPI_ISL_690958|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-2459/2020|2020-05-29|EPI_ISL_545321|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1108/2020|2020-06-03|EPI_ISL_470788|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-16666F/2020|2020-06-27|EPI_ISL_494026|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB4172/2020|2020-04-20|EPI_ISL_449278|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036578191/2020|2020-10-22|EPI_ISL_640183|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-5BCB94/2020|2020-06-18|EPI_ISL_558855|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5628/2020|2020-10-27|EPI_ISL_651877|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A20404/2020|2020-10-01|EPI_ISL_599090|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48107C/2020|2020-10-16|EPI_ISL_613031|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-03111136/2020|2020-03-11|EPI_ISL_734485|Original|hCoV-19^^Stambruges|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/MILK-9E2DF5/2020|2020-09-21|EPI_ISL_581143|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5091/2020|2020-07-00|EPI_ISL_690201|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MGH-02975/2020|2020-07-10|EPI_ISL_765668|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/WA-UW-11635/2020|2020-06-19|EPI_ISL_570451|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WI-UW-393/2020|2020-05-14|EPI_ISL_480375|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/France/ARA-08938-isl/2020|2020-03-14|EPI_ISL_578176|BGM P1|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/WA-S2092/2020|2020-06-05|EPI_ISL_497520|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-9859/2020|2020-11-09|EPI_ISL_669234|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A81999/2020|2020-10-14|EPI_ISL_610784|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_150/2020|2020-03-19|EPI_ISL_422686|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-C82143/2020|2020-12-17|EPI_ISL_762729|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB360F/2020|2020-11-19|EPI_ISL_702016|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC394/2020|2020-03-24|EPI_ISL_426697|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-9EE694/2020|2020-09-23|EPI_ISL_580815|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0006/2020|2020-06-00|EPI_ISL_591352|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC4535/2020|2020-07-16|EPI_ISL_518946|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Ireland/KE-NVRL-73IRL28838/2020|2020-09-16|EPI_ISL_578296|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUEH-C32CF6/2020|2020-12-11|EPI_ISL_782593|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCAF35/2020|2020-12-09|EPI_ISL_724391|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NORW-E96A1/2020|2020-04-22|EPI_ISL_453611|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-2212/2020|2020-03-15|EPI_ISL_604539|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CWAR-24FD97A/2020|2020-04-24|EPI_ISL_584456|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/ALDP-B63817/2020|2020-11-09|EPI_ISL_656564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BBD4/2020|2020-09-18|EPI_ISL_573953|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-6597/2020|2020-08-00|EPI_ISL_687709|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-7BDBE/2020|2020-04-04|EPI_ISL_442104|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR5739/2020|2020-11-07|EPI_ISL_650876|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-68F4BC/2020|2020-07-02|EPI_ISL_558051|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DD2B/2020|2020-12-01|EPI_ISL_742901|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0E517/2020|2020-11-02|EPI_ISL_642181|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4231/2020|2020-12-16|EPI_ISL_764669|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-NIV-22048/2020|2020-05-06|EPI_ISL_479518|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Norway/2803/2020|2020-06-26|EPI_ISL_493369|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/QEUEH-C93D87/2020|2020-12-15|EPI_ISL_762171|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16943/2020|2020-12-14|EPI_ISL_750316|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-1508/2020|2020-04-01|EPI_ISL_468455|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/CA-ALSR-0493-SAN/2020|2020-04-02|EPI_ISL_483178|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22309/2020|2020-11-10|EPI_ISL_708285|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUEH-96FB32/2020|2020-08-17|EPI_ISL_540262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AAE58/2020|2020-04-17|EPI_ISL_444319|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-C2328D/2020|2020-12-06|EPI_ISL_733699|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-78B99/2020|2020-04-03|EPI_ISL_441054|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-005351/2020|2020-03-19|EPI_ISL_510228|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-5666/2020|2020-09-28|EPI_ISL_619953|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0901/2020|2020-06-25|EPI_ISL_699039|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Netherlands/ZH-EMC-706/2020|2020-09-26|EPI_ISL_632554|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-14736/2020|2020-10-12|EPI_ISL_786221|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B43640/2020|2020-11-08|EPI_ISL_657126|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B75CAD/2020|2020-11-12|EPI_ISL_723693|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497ADF/2020|2020-11-23|EPI_ISL_726931|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D64CB/2020|2020-04-22|EPI_ISL_487597|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8ECB0/2020|2020-11-13|EPI_ISL_674709|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5B9B79/2020|2020-06-15|EPI_ISL_558840|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2430/2020|2020-06-04|EPI_ISL_514833|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/FL-BPHL-0188/2020|2020-04-03|EPI_ISL_480839|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-7840/2020|2020-08-00|EPI_ISL_686941|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-991E5C/2020|2020-08-27|EPI_ISL_552064|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1243A2/2020|2020-04-09|EPI_ISL_492824|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-321426/2020|2020-10-14|EPI_ISL_603663|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/Limburg_47/2020|2020-04-02|EPI_ISL_461035|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MGH-00225/2020|2020-03-25|EPI_ISL_460369|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/CAMB-1AAA81/2020|2020-04-19|EPI_ISL_470298|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-961523/2020|2020-08-01|EPI_ISL_537113|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8CC6/2020|2020-11-02|EPI_ISL_651683|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12709/2020|2020-08-29|EPI_ISL_790475|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1ABA71/2020|2020-04-20|EPI_ISL_470225|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B63C2A/2020|2020-11-08|EPI_ISL_656422|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26602/2020|2020-03-28|EPI_ISL_422278|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B13500/2020|2020-11-02|EPI_ISL_641772|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9F8DCF/2020|2020-09-27|EPI_ISL_600881|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B26F/2020|2020-11-09|EPI_ISL_655397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D025/2020|2020-10-14|EPI_ISL_608149|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4920B4/2020|2020-11-16|EPI_ISL_706816|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-104180/2020|2020-04-14|EPI_ISL_482082|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-77E0A/2020|2020-04-01|EPI_ISL_440844|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4873C8/2020|2020-10-17|EPI_ISL_637544|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12025/2020|2020-09-22|EPI_ISL_790170|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-95CF0F/2020|2020-06-16|EPI_ISL_553385|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-98D5E5/2020|2020-07-23|EPI_ISL_529260|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Panama/334611/2020|2020-03-31|EPI_ISL_496787|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/NORT-289191/2020|2020-03-28|EPI_ISL_458698|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BA9F3E/2020|2020-11-17|EPI_ISL_681452|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACD4EB/2020|2020-10-21|EPI_ISL_634414|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1251AC1/2020|2020-11-24|EPI_ISL_705946|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Scotland/CVR4657/2020|2020-09-24|EPI_ISL_612296|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG666121/2020|2020-05-01|EPI_ISL_696207|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/NORW-E8262/2020|2020-04-08|EPI_ISL_449130|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-B24056/2020|2020-11-04|EPI_ISL_646185|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB976/2020|2020-09-16|EPI_ISL_575454|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12270/2020|2020-11-16|EPI_ISL_682451|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B9E3B8/2020|2020-11-17|EPI_ISL_721074|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10325/2020|2020-07-29|EPI_ISL_540492|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-14391/2020|2020-10-06|EPI_ISL_787676|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-380270/2020|2020-11-22|EPI_ISL_721691|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/EDB4724/2020|2020-04-27|EPI_ISL_487896|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B63844/2020|2020-11-09|EPI_ISL_656394|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAC214/2020|2020-11-18|EPI_ISL_783082|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH684/2020|2020-05-01|EPI_ISL_513176|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-97163C/2020|2020-08-18|EPI_ISL_553136|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-993449/2020|2020-08-26|EPI_ISL_551930|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15421/2020|2020-11-23|EPI_ISL_713819|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Beijing/231/2020|2020-01-28|EPI_ISL_413519|unknown|hCoV-19^^Beijing|Human|Infectious Disease Control Center|Infectious Disease Control Center|Submitter|China

>Spike|hCoV-19/USA/MI-MDHHS-SC21338/2020|2020-04-03|EPI_ISL_507593|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/France/PAC-IHU-0208/2020|2020-03-28|EPI_ISL_569373|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/WI-UW-1717/2020|2020-09-11|EPI_ISL_605590|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-90080F/2020|2020-06-24|EPI_ISL_551562|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0575/2020|2020-05-16|EPI_ISL_698733|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Nigeria/OS060-CV9/2020|2020-03-29|EPI_ISL_455419|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/WI-UW-2291/2020|2020-11-12|EPI_ISL_728057|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/EDB8951/2020|2020-10-28|EPI_ISL_651188|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-52AA85/2020|2020-06-01|EPI_ISL_559045|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belize/CDC-6840/2020|2020-03-20|EPI_ISL_509711|Original|hCoV-19^^Belize|Human|Belize Ministry of Health|Pathogen Discovery|Queen|Belize

>Spike|hCoV-19/England/CAMC-B08823/2020|2020-10-29|EPI_ISL_643770|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1037/2020|2020-08-04|EPI_ISL_516463|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/IC-0001/2020|2020-03-00|EPI_ISL_591347|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C4D89/2020|2020-11-11|EPI_ISL_650134|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3739/2020|2020-04-27|EPI_ISL_622616|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E59B2/2020|2020-09-24|EPI_ISL_589294|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E6EBB/2020|2020-04-21|EPI_ISL_448988|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-UW201/2020|2020-03-12|EPI_ISL_417350|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-8126B/2020|2020-04-11|EPI_ISL_442846|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-C39D92/2020|2020-12-09|EPI_ISL_730761|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3335/2020|2020-08-31|EPI_ISL_616089|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACE0F5/2020|2020-10-22|EPI_ISL_630331|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1796/2020|2020-03-21|EPI_ISL_424254|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-95E77E/2020|2020-08-07|EPI_ISL_532332|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204641709/2020|2020-00-00|EPI_ISL_637190|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-47DE4C/2020|2020-09-27|EPI_ISL_595369|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-N1418/2020|2020-04-14|EPI_ISL_528608|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Denmark/ALAB-HH-206/2020|2020-04-27|EPI_ISL_452062|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Norway/5381/2020|2020-10-28|EPI_ISL_775453|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/WA-S865/2020|2020-04-22|EPI_ISL_463355|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/India/TG-CCMB-R286/2020|2020-08-09|EPI_ISL_539745|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Portugal/PT0220/2020|2020-03-30|EPI_ISL_453934|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-B078E8/2020|2020-10-30|EPI_ISL_643840|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1160/2020|2020-05-06|EPI_ISL_463650|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/20130034904/2020|2020-03-23|EPI_ISL_423610|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C110/2020|2020-04-03|EPI_ISL_472440|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A2A5D/2020|2020-05-19|EPI_ISL_499887|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-33/2020|2020-03-09|EPI_ISL_420118|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\ueda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-15761/2020|2020-07-09|EPI_ISL_785445|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/QEUH-7550AB/2020|2020-07-18|EPI_ISL_532985|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in

Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-3771/2020|2020-05-27|EPI_ISL_636191|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Denmark/DCGC-16912/2020|2020-12-14|EPI_ISL_750639|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/PG-1063/2020|2020-04-00|EPI_ISL_684673|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/LOND-1267318/2020|2020-12-08|EPI_ISL_741271|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/Wales/MILK-9E0E12/2020|2020-09-19|EPI_ISL_580882|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC11708/2020|2020-07-25|EPI_ISL_563467|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/TX-HMH-4040/2020|2020-06-17|EPI_ISL_543318|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-13408/2020|2020-11-30|EPI_ISL_712170|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-A054D8/2020|2020-09-30|EPI_ISL_600007|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/ME-HETL-J0234/2020|2020-09-25|EPI_ISL_755391|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/United Arab Emirates/L3290250769/2020|2020-05-20|EPI_ISL_520697|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates
>Spike|hCoV-19/England/SHEF-D1FA1/2020|2020-05-08|EPI_ISL_475501|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Israel/990307712/2020|2020-03-26|EPI_ISL_447263|Original|hCoV-19^^South Coast District|Human|Microbiology laboratory|Stern Lab|Miller|Israel
>Spike|hCoV-19/England/MILK-BB2600/2020|2020-11-18|EPI_ISL_720317|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-19153/2020|2020-11-23|EPI_ISL_783658|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Germany/TH-IIMK-CaSe-15/2020|2020-12-03|EPI_ISL_728335|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany
>Spike|hCoV-19/Canada/ON-S1981/2020|2020-11-24|EPI_ISL_755694|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/England/ALDP-9B613A/2020|2020-08-28|EPI_ISL_572896|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-142760-01/2020|2020-04-10|EPI_ISL_676968|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/MILK-A69FA4/2020|2020-10-09|EPI_ISL_608793|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Faroe Islands/HFS-02/2020|2020-03-05|EPI_ISL_526936|Original|hCoV-19^^Faroe Islands|Human|Faroese National Reference Laboratory for Fish and Animal Diseases|Faroese National Reference Laboratory for Fish and Animal Diseases|Dahl|Faroe Islands

>Spike|hCoV-19/Australia/SAP273/2020|2020-03-25|EPI_ISL_468029|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/BRIS-12BBD0/2020|2020-05-14|EPI_ISL_469375|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13831/2020|2020-08-20|EPI_ISL_738572|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-48F9A0/2020|2020-11-10|EPI_ISL_681168|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1084-8118/2020|2020-04-06|EPI_ISL_753935|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/MD-MDH-0269/2020|2020-10-13|EPI_ISL_629050|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/NOTT-12127B/2020|2020-12-15|EPI_ISL_741627|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-9F9F9B/2020|2020-09-27|EPI_ISL_595782|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Russia/RYA-RII-MH3360S/2020|2020-10-07|EPI_ISL_733105|Original|hCoV-19^^Ryazan|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/PHWC-262D1/2020|2020-03-26|EPI_ISL_422247|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC17311/2020|2020-07-24|EPI_ISL_663834|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-78589B/2020|2020-07-15|EPI_ISL_533180|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B816BF/2020|2020-11-14|EPI_ISL_667825|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96D2D5/2020|2020-08-18|EPI_ISL_530635|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG519189/2020|2020-07-01|EPI_ISL_695368|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-1304/2020|2020-06-08|EPI_ISL_618087|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CD0E1/2020|2020-04-28|EPI_ISL_475452|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3399/2020|2020-08-31|EPI_ISL_616158|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/22SS6F5/2020|2020-09-22|EPI_ISL_757393|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/CA-CZB-6802/2020|2020-07-14|EPI_ISL_582880|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-80E86/2020|2020-04-17|EPI_ISL_444438|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC186b/2020|2020-06-03|EPI_ISL_469028|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/VIC17445/2020|2020-08-13|EPI_ISL_663889|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-125E28/2020|2020-03-30|EPI_ISL_443699|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B09312/2020|2020-10-29|EPI_ISL_673092|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-962E45/2020|2020-08-11|EPI_ISL_531634|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200044512/2020|2020-11-06|EPI_ISL_664022|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14555/2020|2020-11-14|EPI_ISL_738920|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/CA-ALSR-4734/2020|2020-10-11|EPI_ISL_730113|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-95C9A7/2020|2020-06-18|EPI_ISL_553419|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABC090/2020|2020-10-21|EPI_ISL_630993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53290/2020|2020-11-02|EPI_ISL_661294|Original|hCoV-19^^Sormland|Human|Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-21096/2020|2020-12-21|EPI_ISL_759552|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12D3C7/2020|2020-05-04|EPI_ISL_481941|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008770/2020|2020-10-20|EPI_ISL_654252|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-18835/2020|2020-11-23|EPI_ISL_785155|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7857D/2020|2020-04-06|EPI_ISL_433749|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1150/2020|2020-03-23|EPI_ISL_571880|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC10973/2020|2020-09-08|EPI_ISL_563177|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A64D90/2020|2020-10-11|EPI_ISL_608535|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A67568/2020|2020-10-09|EPI_ISL_630399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC22FA/2020|2020-11-22|EPI_ISL_704883|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16321/2020|2020-11-02|EPI_ISL_786005|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-1261484/2020|2020-04-03|EPI_ISL_524693|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A6398E/2020|2020-10-09|EPI_ISL_596171|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Sweden/20-14387/2020|2020-05-04|EPI_ISL_475514|Original|hCoV-19^^Uppsala|Human|Uppsala Narakut Aleris|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/QEUEH-A22217/2020|2020-10-01|EPI_ISL_598944|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15441/2020|2020-12-03|EPI_ISL_739488|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-17343/2020|2020-12-14|EPI_ISL_750923|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CDC-3/2020|2020-01-29|EPI_ISL_408008|Original|hCoV-19^^California|Human|California Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUEH-A5DE00/2020|2020-10-11|EPI_ISL_597290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-982/2020|2020-11-09|EPI_ISL_722756|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/VA-DCLS-1874/2020|2020-09-22|EPI_ISL_644914|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/NORW-F023A/2020|2020-10-15|EPI_ISL_627571|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6880/2020|2020-10-12|EPI_ISL_619725|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/N00149/2020|2020-06-10|EPI_ISL_623065|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Japan/PG-3531/2020|2020-06-00|EPI_ISL_691787|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUEH-9E4A65/2020|2020-09-23|EPI_ISL_601013|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/1008/2020|2020-06-10|EPI_ISL_699140|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-AB1CD3/2020|2020-10-22|EPI_ISL_623680|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9967F2/2020|2020-08-31|EPI_ISL_559985|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NOTT-120467/2020|2020-12-08|EPI_ISL_725617|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-283F42/2020|2020-04-05|EPI_ISL_478526|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-AE4D10/2020|2020-10-27|EPI_ISL_633274|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AF4BF5/2020|2020-10-30|EPI_ISL_662973|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-SC465/2020|2020-03-03|EPI_ISL_641556|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUH-96AEC5/2020|2020-08-15|EPI_ISL_531277|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12545/2020|2020-11-16|EPI_ISL_682726|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/Omsk-89001/2020|2020-04-01|EPI_ISL_428878|Vero|hCoV-19^^Omsk|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Belgium/ULG-10389/2020|2020-08-07|EPI_ISL_540556|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUH-9B7ED8/2020|2020-09-08|EPI_ISL_590467|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21845/2020|2020-12-21|EPI_ISL_758400|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/RJ-00333/2020|2020-04-28|EPI_ISL_623136|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/CAMB-7DC19/2020|2020-04-06|EPI_ISL_441760|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B5E69D/2020|2020-11-09|EPI_ISL_655605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D933B/2020|2020-09-18|EPI_ISL_576720|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-83982C/2020|2020-07-16|EPI_ISL_557303|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6507D9/2020|2020-07-04|EPI_ISL_558180|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11249/2020|2020-11-02|EPI_ISL_670732|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2151/2020|2020-08-10|EPI_ISL_617449|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_24340319/2020|2020-03-00|EPI_ISL_463213|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/BRIS-1232A6/2020|2020-04-05|EPI_ISL_442630|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16C256/2020|2020-09-21|EPI_ISL_574029|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4847CF/2020|2020-10-19|EPI_ISL_628044|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008856/2020|2020-06-01|EPI_ISL_524872|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/BRIS-13113F/2020|2020-05-25|EPI_ISL_467707|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1252/2020|2020-04-06|EPI_ISL_579643|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/VIC14854/2020|2020-08-13|EPI_ISL_593032|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0156/2020|2020-03-27|EPI_ISL_453872|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-9EC72A/2020|2020-09-24|EPI_ISL_580373|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15974/2020|2020-07-31|EPI_ISL_641100|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-14548/2020|2020-11-30|EPI_ISL_711831|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49AEB2/2020|2020-12-02|EPI_ISL_742267|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001151/2020|2020-10-26|EPI_ISL_671733|Original|hCoV-19^^New York|Human|DOHMH Riverside|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LIVE-DC3628/2020|2020-11-16|EPI_ISL_705086|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1876/2020|2020-09-27|EPI_ISL_603011|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Scotland/CVR3063/2020|2020-04-24|EPI_ISL_461647|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Norway/2958/2020|2020-07-29|EPI_ISL_549070|Original|hCoV-19^^Vestlandet|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Australia/VIC6490/2020|2020-07-22|EPI_ISL_521268|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-UCLA-137/2020|2020-04-10|EPI_ISL_537481|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Netherlands/UT-EMC-107/2020|2020-10-07|EPI_ISL_632623|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC450/2020|2020-03-25|EPI_ISL_426746|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC12088/2020|2020-09-11|EPI_ISL_563521|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-GBCL-26556587/2020|2020-04-14|EPI_ISL_485209|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Spain/RI-IBV-99010903/2020|2020-04-20|EPI_ISL_732749|Original|hCoV-19^^La_Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B1B386/2020|2020-10-31|EPI_ISL_645749|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0643/2020|2020-07-16|EPI_ISL_576298|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/India/MH-NIV-729-3/2020|2020-04-07|EPI_ISL_454561|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/QEUEH-9C7DF6/2020|2020-09-11|EPI_ISL_567035|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65421/2020|2020-10-11|EPI_ISL_608466|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-UW-MAYO26/2020|2020-03-21|EPI_ISL_500505|Original|hCoV-19^^New York|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/Vs-ETHZ-100090/2020|2020-03-13|EPI_ISL_451682|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Norway/2093/2020|2020-03-16|EPI_ISL_420310|Original|hCoV-19^^Norway|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/Denmark/ALAB-SSI-690/2020|2020-03-27|EPI_ISL_437040|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Japan/PG-7345/2020|2020-08-00|EPI_ISL_688448|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-CC933B/2020|2020-12-22|EPI_ISL_781953|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15954/2020|2020-07-31|EPI_ISL_641113|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-124F334/2020|2020-04-23|EPI_ISL_664521|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/MILK-95713B/2020|2020-06-10|EPI_ISL_554240|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3230C/2020|2020-04-08|EPI_ISL_446632|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_24228539/2020|2020-03-00|EPI_ISL_463200|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-4533/2020|2020-09-21|EPI_ISL_621329|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1843/2020|2020-11-24|EPI_ISL_729261|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC21187/2020|2020-04-02|EPI_ISL_507444|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-B48405/2020|2020-11-07|EPI_ISL_649434|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B4183D/2020|2020-11-08|EPI_ISL_658624|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6979/2020|2020-07-23|EPI_ISL_564176|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-281BE6/2020|2020-03-23|EPI_ISL_488790|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-74508/2020|2020-03-28|EPI_ISL_425300|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-9DADE1/2020|2020-09-22|EPI_ISL_581081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036876596/2020|2020-11-10|EPI_ISL_728485|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Spain/GA-IBV-98006036/2020|2020-05-09|EPI_ISL_541041|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/Institute of Biomedicine of Valencia|Comas|Spain

>Spike|hCoV-19/USA/UT-UPHL-2012375605/2020|2020-08-09|EPI_ISL_746265|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Germany/BW-UT-002/2020|2020-05-13|EPI_ISL_485810|Original|hCoV-19^^Baden-W\u00fcrttemberg|Human|Institut f\u00fcr Virologie und Epidemiologie der Viruskrankheiten|NGS Competence Center T\u00fcbingen|Angelov|Germany

>Spike|hCoV-19/Scotland/CVR3070/2020|2020-04-24|EPI_ISL_461654|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-B105E5/2020|2020-11-02|EPI_ISL_641844|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1878/2020|2020-04-06|EPI_ISL_613819|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Iceland/539/2020|2020-03-27|EPI_ISL_424559|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/India/DL-ILBS-9318D/2020|2020-04-05|EPI_ISL_605815|Original|hCoV-19^^Delhi|Human|Clinical Virology Laboratory|ILBS - IGIB|Rooge|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-8355/2020|2020-07-07|EPI_ISL_784349|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B1CBE/2020|2020-05-10|EPI_ISL_458541|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012496161/2020|2020-08-14|EPI_ISL_746185|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1AED84/2020|2020-05-09|EPI_ISL_452860|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-B40230/2020|2020-11-08|EPI_ISL_657242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3478/2020|2020-05-11|EPI_ISL_456871|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-96CC8D/2020|2020-08-21|EPI_ISL_530633|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17556/2020|2020-12-14|EPI_ISL_751066|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A2EBB/2020|2020-05-20|EPI_ISL_499881|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-63-1/2020|2020-10-06|EPI_ISL_632483|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CZB-1534/2020|2020-04-29|EPI_ISL_468479|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-13402/2020|2020-11-30|EPI_ISL_712296|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1877/2020|2020-07-13|EPI_ISL_622572|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-2062/2020|2020-04-22|EPI_ISL_635327|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/AR-IBV-2420/2020|2020-03-28|EPI_ISL_468799|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Netherlands/NA_476/2020|2020-04-14|EPI_ISL_455278|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-D30AC/2020|2020-05-23|EPI_ISL_475507|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Portugal/PT0400/2020|2020-04-20|EPI_ISL_454124|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-CZB-5743/2020|2020-07-14|EPI_ISL_582968|Original|hCoV-19^^California|Human|San Luis Obispo Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/QEUH-AD62C7/2020|2020-10-24|EPI_ISL_644050|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2303/2020|2020-03-15|EPI_ISL_604515|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-B81AA4/2020|2020-11-14|EPI_ISL_667970|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9FF50C/2020|2020-09-30|EPI_ISL_600504|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A8AE/2020|2020-04-07|EPI_ISL_445631|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499B70/2020|2020-12-05|EPI_ISL_727408|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1765/2020|2020-04-00|EPI_ISL_685371|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-567/2020|2020-06-25|EPI_ISL_484942|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/20139063604/2020|2020-03-25|EPI_ISL_420746|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/511/2020|2020-05-22|EPI_ISL_479589|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/20138026404/2020|2020-03-25|EPI_ISL_423313|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0DA7/2020|2020-10-22|EPI_ISL_624137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2311/2020|2020-05-25|EPI_ISL_510647|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-9FE01B/2020|2020-10-01|EPI_ISL_587978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-50101-01/2020|2020-04-16|EPI_ISL_525681|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Netherlands/NA_320/2020|2020-04-02|EPI_ISL_455125|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Luxembourg/LNS3219758/2020|2020-11-12|EPI_ISL_740276|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/IC-0310/2020|2020-10-00|EPI_ISL_667739|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Gibraltar/205000623/2020|2020-12-00|EPI_ISL_709959|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Denmark/DCGC-2112/2020|2020-07-20|EPI_ISL_618374|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-127433/2020|2020-04-22|EPI_ISL_469663|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10563/2020|2020-07-09|EPI_ISL_789536|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/ULG-10482/2020|2020-09-23|EPI_ISL_581591|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/South Africa/KRISP-0552/2020|2020-07-14|EPI_ISL_498091|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B01ECE/2020|2020-10-24|EPI_ISL_642901|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_00713032/2020|2020-04-00|EPI_ISL_466700|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Israel/51140539/2020|2020-03-19|EPI_ISL_447323|Original|hCoV-19^^South District|Human|Clinical Virology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Scotland/CVR5805/2020|2020-11-10|EPI_ISL_665535|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB6392/2020|2020-05-13|EPI_ISL_473953|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B49D/2020|2020-09-15|EPI_ISL_560292|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF5EDD/2020|2020-10-30|EPI_ISL_663170|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_SM-12/2020|2020-07-20|EPI_ISL_775016|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/USA/AZ-TG664561/2020|2020-04-20|EPI_ISL_696176|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-48FD86/2020|2020-11-11|EPI_ISL_681226|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-1D6F6F/2020|2020-09-17|EPI_ISL_572737|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0032/2020|2020-08-29|EPI_ISL_747271|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMC-A411D9/2020|2020-10-07|EPI_ISL_609461|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7741644/2020|2020-11-03|EPI_ISL_744624|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/204881301/2020|2020-11-00|EPI_ISL_678819|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1307/2020|2020-12-11|EPI_ISL_778973|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/ALAB-HH-114/2020|2020-03-09|EPI_ISL_451998|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/CAMB-79521/2020|2020-04-03|EPI_ISL_441183|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-736/2020|2020-09-13|EPI_ISL_632578|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-5101/2020|2020-09-21|EPI_ISL_621639|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-963/2020|2020-06-04|EPI_ISL_509961|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Australia/WA277/2020|2020-03-23|EPI_ISL_596820|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
>Spike|hCoV-19/USA/SC_NHRC_03/2020|2020-03-26|EPI_ISL_444997|Original|hCoV-19^^South Carolina|Human|Naval Health Research Center|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA
>Spike|hCoV-19/USA/TX-HMH-7646/2020|2020-06-26|EPI_ISL_546911|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/NOTT-11ADA1/2020|2020-11-08|EPI_ISL_638605|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/MILK-C7B75A/2020|2020-12-01|EPI_ISL_756865|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR5291/2020|2020-10-20|EPI_ISL_651741|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/ALDP-A5114F/2020|2020-10-07|EPI_ISL_597793|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-B2DF23/2020|2020-11-04|EPI_ISL_659763|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/MH-GA9/2020|2020-06-17|EPI_ISL_508284|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India
>Spike|hCoV-19/Switzerland/BS-65245510/2020|2020-05-27|EPI_ISL_581890|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/England/NOTT-118E55/2020|2020-10-29|EPI_ISL_627697|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/USA/WA-S1153/2020|2020-05-05|EPI_ISL_463643|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/USA/MI-MDHHS-SC22498/2020|2020-11-17|EPI_ISL_708201|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/England/ALDP-A70292/2020|2020-10-15|EPI_ISL_607802|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/VC-IBV-98003444/2020|2020-04-02|EPI_ISL_539253|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira)|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Netherlands/Utrecht_10020/2020|2020-03-24|EPI_ISL_454769|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/CAMB-7E252/2020|2020-04-14|EPI_ISL_434056|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/England/MILK-A7BABD/2020|2020-10-15|EPI_ISL_607450|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-41432-01/2020|2020-04-08|EPI_ISL_676828|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/NoordHolland_27/2020|2020-05-06|EPI_ISL_461217|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/EXET-139D60/2020|2020-00-00|EPI_ISL_679341|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC4263/2020|2020-07-15|EPI_ISL_519591|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-0987-SAN/2020|2020-04-02|EPI_ISL_483444|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-1844/2020|2020-07-06|EPI_ISL_622567|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-96ECD6/2020|2020-08-19|EPI_ISL_534484|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-97344F/2020|2020-08-20|EPI_ISL_575798|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204221502/2020|2020-00-00|EPI_ISL_593830|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/Qc-L00241349/2020|2020-03-27|EPI_ISL_465703|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Brazil/RJ-00422/2020|2020-10-29|EPI_ISL_717824|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/France/ARA-33428/2020|2020-05-03|EPI_ISL_636487|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-2008/2020|2020-07-20|EPI_ISL_618227|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S2216/2020|2020-06-08|EPI_ISL_497644|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-BBB449/2020|2020-11-21|EPI_ISL_701727|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl291/2020|2020-03-15|EPI_ISL_775812|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-18082/2020|2020-12-14|EPI_ISL_749745|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/201580161/2020|2020-04-09|EPI_ISL_466356|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-100831/2020|2020-03-26|EPI_ISL_451779|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-9CA634/2020|2020-09-10|EPI_ISL_567465|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9E3978/2020|2020-09-24|EPI_ISL_584880|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-PV09444/2020|2020-03-04|EPI_ISL_450120|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Brazil/SP-L26-CD559/2020|2020-04-20|EPI_ISL_672736|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo (HC-FMUSP)|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/United Arab Emirates/1073/2020|2020-06-11|EPI_ISL_698147|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Netherlands/un-EMC-795/2020|2020-10-13|EPI_ISL_632776|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/AZ-TG664306/2020|2020-04-28|EPI_ISL_696098|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-B2CFE8/2020|2020-11-04|EPI_ISL_680094|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR5981/2020|2020-11-21|EPI_ISL_705709|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485D08/2020|2020-10-26|EPI_ISL_628273|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6057/2020|2020-10-05|EPI_ISL_620251|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-14520/2020|2020-07-05|EPI_ISL_776672|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-A620A8/2020|2020-10-12|EPI_ISL_706956|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3557/2020|2020-12-14|EPI_ISL_744110|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20144073804/2020|2020-03-31|EPI_ISL_423561|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-7207/2020|2020-08-28|EPI_ISL_582942|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-B8D307/2020|2020-11-13|EPI_ISL_674011|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4944E3/2020|2020-11-19|EPI_ISL_726126|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16876/2020|2020-12-14|EPI_ISL_750615|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A68DD8/2020|2020-10-12|EPI_ISL_630545|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08186/2020|2020-03-13|EPI_ISL_548246|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/India/KA-nimh-19712/2020|2020-05-16|EPI_ISL_515972|Original|hCoV-19^^Karnataka|Human|MIMS|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Scotland/EDB2963/2020|2020-04-02|EPI_ISL_487838|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2622/2020|2020-07-02|EPI_ISL_515025|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/United Arab Emirates/0015/2020|2020-05-07|EPI_ISL_698225|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC4620/2020|2020-07-12|EPI_ISL_519016|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-24ABD/2020|2020-03-20|EPI_ISL_419479|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/WA147/2020|2020-03-27|EPI_ISL_596710|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/CA-QDX-2383/2020|2020-03-15|EPI_ISL_604662|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Belgium/ULG-10776/2020|2020-10-31|EPI_ISL_644622|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-A6F779/2020|2020-10-14|EPI_ISL_607237|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12629/2020|2020-11-16|EPI_ISL_682810|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9AEE01/2020|2020-09-03|EPI_ISL_573507|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Canada/ON-S948/2020|2020-04-14|EPI_ISL_586501|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/20128011804/2020|2020-03-19|EPI_ISL_423933|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5004/2020|2020-10-11|EPI_ISL_730277|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Chile/NB-207885/2020|2020-10-16|EPI_ISL_746544|Original|hCoV-19^^\u00dluble|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/MILK-976576/2020|2020-08-20|EPI_ISL_575815|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11115/2020|2020-09-01|EPI_ISL_789707|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-HLP-112/2020|2020-03-03|EPI_ISL_530041|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Netherlands/OV-RIVM-20236/2020|2020-12-05|EPI_ISL_723385|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/QEUH-9F468C/2020|2020-09-27|EPI_ISL_600720|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7182/2020|2020-07-00|EPI_ISL_688287|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-1971/2020|2020-04-16|EPI_ISL_653124|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CT-Yale-402/2020|2020-03-31|EPI_ISL_738306|Original|hCoV-19^^Connecticut|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/NC-QDX-173/2020|2020-04-27|EPI_ISL_494525|Original|hCoV-19^^North Carolina|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-121D2F/2020|2020-03-19|EPI_ISL_440100|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008494/2020|2020-09-10|EPI_ISL_654065|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-B513EE/2020|2020-11-08|EPI_ISL_658056|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AA02D/2020|2020-08-31|EPI_ISL_550871|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-5787/2020|2020-03-23|EPI_ISL_560715|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-B75478/2020|2020-11-12|EPI_ISL_740905|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012061653/2020|2020-11-28|EPI_ISL_746845|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Japan/PG-1193/2020|2020-04-00|EPI_ISL_684803|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/ALAB-SSI-1288/2020|2020-04-02|EPI_ISL_444846|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Sweden/20-53852/2020|2020-12-21|EPI_ISL_775591|Original|hCoV-19^^Vastra Gotalandsregionen|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/South Korea/KDCA0444/2020|2020-11-14|EPI_ISL_760228|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Spain/RI-IBV-98002350/2020|2020-03-31|EPI_ISL_537857|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-A3F280/2020|2020-10-05|EPI_ISL_609703|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0E68/2020|2020-10-22|EPI_ISL_623858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-398/2020|2020-06-30|EPI_ISL_603028|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal Santa Ana|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-18376/2020|2020-12-07|EPI_ISL_749926|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-482E26/2020|2020-10-13|EPI_ISL_627746|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9AF608/2020|2020-09-01|EPI_ISL_559852|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10972F/2020|2020-10-22|EPI_ISL_680218|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/LIVE-A588D/2020|2020-03-20|EPI_ISL_499517|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-B2B417/2020|2020-11-03|EPI_ISL_646620|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B09F1E/2020|2020-10-30|EPI_ISL_672955|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0147/2020|2020-03-11|EPI_ISL_480798|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW234/2020|2020-03-14|EPI_ISL_417448|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/NSW2221/2020|2020-03-20|EPI_ISL_500672|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/LOND-12504E2/2020|2020-10-20|EPI_ISL_665214|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/201161238/2020|2020-03-11|EPI_ISL_464827|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000687/2020|2020-03-14|EPI_ISL_632104|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMC-B0AD6E/2020|2020-10-30|EPI_ISL_643496|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21553/2020|2020-03-19|EPI_ISL_516280|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-5202/2020|2020-09-21|EPI_ISL_621740|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94E9D5/2020|2020-06-17|EPI_ISL_555070|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-370446/2020|2020-11-16|EPI_ISL_693948|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/VS-ETHZ-380222/2020|2020-11-24|EPI_ISL_721925|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-95DD40/2020|2020-08-07|EPI_ISL_537046|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6864/2020|2020-10-12|EPI_ISL_619709|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B96CE2/2020|2020-11-13|EPI_ISL_675005|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM056/2020|2020-03-18|EPI_ISL_444552|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/India/GJ-GBRC-398b/2020|2020-06-25|EPI_ISL_586514|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-ALSR-1763/2020|2020-05-21|EPI_ISL_512171|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/TG-CDFD-N5451/2020|2020-06-01|EPI_ISL_528631|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core- Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Mexico/BCN-ALSR-2537/2020|2020-06-24|EPI_ISL_635540|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Japan/PG-6913/2020|2020-09-00|EPI_ISL_688021|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-02426/2020|2020-04-21|EPI_ISL_470675|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NM-UNM-00585/2020|2020-07-09|EPI_ISL_542997|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/CAMC-A41555/2020|2020-10-04|EPI_ISL_609340|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84DD5/2020|2020-11-14|EPI_ISL_675952|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A538/2020|2020-10-31|EPI_ISL_652566|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC14320/2020|2020-07-29|EPI_ISL_592449|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS4050425/2020|2020-11-25|EPI_ISL_740411|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/LIVE-1D2983/2020|2020-03-29|EPI_ISL_611796|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0099/2020|2020-05-10|EPI_ISL_526256|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/CAMC-BD1F6A/2020|2020-11-28|EPI_ISL_702358|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10135/2020|2020-04-08|EPI_ISL_427380|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MI-QDX-2187/2020|2020-03-18|EPI_ISL_604479|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000338/2020|2020-04-09|EPI_ISL_631850|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-97C947/2020|2020-07-16|EPI_ISL_526305|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Finland/17MR7cE12/2020|2020-11-17|EPI_ISL_757317|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/CVR2851/2020|2020-04-21|EPI_ISL_473596|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/SAP257/2020|2020-04-01|EPI_ISL_468010|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Australia/NSW2212/2020|2020-03-21|EPI_ISL_500667|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/ALDP-95D0CF/2020|2020-06-18|EPI_ISL_553566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B9ECF/2020|2020-11-05|EPI_ISL_651565|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20795/2020|2020-12-21|EPI_ISL_758771|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Hong Kong/MV2007-00689/2020|2020-08-08|EPI_ISL_536411|Original|hCoV-19^^Hong Kong|Human|Medtimes Molecular Laboratory|Medtimes Molecular Laboratory|Chan|China

>Spike|hCoV-19/England/QEUA-96FAAE/2020|2020-08-17|EPI_ISL_540322|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AB9DF/2020|2020-07-14|EPI_ISL_611977|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13513/2020|2020-10-28|EPI_ISL_672512|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Austria/CeMM0956/2020|2020-03-29|EPI_ISL_583805|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-2977/2020|2020-08-24|EPI_ISL_616739|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-2953AB/2020|2020-03-31|EPI_ISL_488712|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201104003/2020|2020-05-12|EPI_ISL_628982|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-17776/2020|2020-12-14|EPI_ISL_749561|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-975B39/2020|2020-08-20|EPI_ISL_552687|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/L920702211/2020|2020-04-27|EPI_ISL_520740|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-MCoV-10149/2020|2020-07-06|EPI_ISL_789344|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B5206E/2020|2020-11-08|EPI_ISL_658043|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2653/2020|2020-06-20|EPI_ISL_497285|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-7A818/2020|2020-04-03|EPI_ISL_441249|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Hungary/UD-57972/2020|2020-09-02|EPI_ISL_671442|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Denmark/DCGC-21362/2020|2020-12-21|EPI_ISL_758129|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-20650/2020|2020-12-21|EPI_ISL_759275|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-CDC-2-3714499/2020|2020-11-30|EPI_ISL_751752|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-779/2020|2020-04-07|EPI_ISL_545637|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/UGent-22/2020|2020-03-24|EPI_ISL_425062|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Brazil/RS-15289/2020|2020-08-14|EPI_ISL_729854|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Sweden/20-53564/2020|2020-11-25|EPI_ISL_710581|Original|hCoV-19^^Ostergotland|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Ireland/KK-NVRL-MPQ56853/2020|2020-04-10|EPI_ISL_767804|Original|hCoV-19^^Kilkenny|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/AZ-TG408136/2020|2020-06-12|EPI_ISL_694895|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/WI-UW-2426/2020|2020-12-11|EPI_ISL_754630|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Switzerland/BE-UNIBE-181-3245/2020|2020-03-20|EPI_ISL_574820|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/USA/CO-CDPHE-2005080095/2020|2020-05-07|EPI_ISL_771202|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/MILK-A457C4/2020|2020-10-06|EPI_ISL_598646|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD3CF9/2020|2020-10-26|EPI_ISL_634065|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9700/2020|2020-08-22|EPI_ISL_565662|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B7D461/2020|2020-11-14|EPI_ISL_741863|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-B11BF1/2020|2020-11-02|EPI_ISL_642253|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0915/2020|2020-06-14|EPI_ISL_602213|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Belgium/ULG-0182/2020|2020-03-23|EPI_ISL_447126|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-12479/2020|2020-09-28|EPI_ISL_790359|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/HI-H200603/2020|2020-11-23|EPI_ISL_753129|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/LOND-1264C01/2020|2020-11-23|EPI_ISL_724546|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6B69D/2020|2020-11-11|EPI_ISL_662591|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26A51/2020|2020-03-30|EPI_ISL_422051|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A57932/2020|2020-10-08|EPI_ISL_597478|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-221-61/2020|2020-03-18|EPI_ISL_469283|Vero E6|hCoV-19^^\u00cele-de-France|Human|Service de Virologie H\u00f4pital Saint-Louis|Laboratory Cell Biology of Viral Infection-INSERM unit 944|Meertens|France

>Spike|hCoV-19/Scotland/EDB4671/2020|2020-05-08|EPI_ISL_449319|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/NORT-28AE7B/2020|2020-04-16|EPI_ISL_492950|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8C2A2/2020|2020-10-17|EPI_ISL_643252|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC037/2020|2020-03-29|EPI_ISL_666660|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Luxembourg/LNS5186473/2020|2020-11-28|EPI_ISL_744199|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/NH-RIVM-20926/2020|2020-10-01|EPI_ISL_790953|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Japan/PG-0302/2020|2020-03-29|EPI_ISL_479978|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1018/2020|2020-07-21|EPI_ISL_516444|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-B94B9C/2020|2020-11-14|EPI_ISL_673833|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-679B1/2020|2020-11-04|EPI_ISL_650416|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUEH-9E49FF/2020|2020-09-23|EPI_ISL_579812|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4599/2020|2020-09-30|EPI_ISL_635064|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Denmark/DCGC-4541/2020|2020-09-21|EPI_ISL_621337|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8436/2020|2020-09-00|EPI_ISL_687535|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB2678/2020|2020-04-26|EPI_ISL_439261|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5794/2020|2020-09-28|EPI_ISL_620981|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-481B8A/2020|2020-10-16|EPI_ISL_613150|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FF53/2020|2020-10-15|EPI_ISL_608233|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0758/2020|2020-08-06|EPI_ISL_756337|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Gambia/GC19-3429/2020|2020-07-27|EPI_ISL_561178|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Ireland/LK-UHL13/2020|2020-03-31|EPI_ISL_681728|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/MILK-A7DD49/2020|2020-10-13|EPI_ISL_606509|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-2045/2020|2020-11-23|EPI_ISL_766659|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-5B4DB4/2020|2020-06-19|EPI_ISL_558867|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sichuan/SC-MY-058/2020|2020-02-02|EPI_ISL_451324|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/NY-PV09397/2020|2020-03-19|EPI_ISL_450078|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Scotland/EDB8114/2020|2020-10-05|EPI_ISL_594829|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1323/2020|2020-03-31|EPI_ISL_654906|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/GSTT-265E140/2020|2020-03-31|EPI_ISL_484158|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/CAMC-9B1AF8/2020|2020-09-04|EPI_ISL_566661|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-492227/2020|2020-11-17|EPI_ISL_706831|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-5D3696/2020|2020-06-19|EPI_ISL_558435|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001346/2020|2020-11-13|EPI_ISL_683976|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-9FCA88/2020|2020-10-01|EPI_ISL_587888|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A92B44/2020|2020-10-19|EPI_ISL_611001|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4FD0/2020|2020-12-11|EPI_ISL_764807|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Norway/5859/2020|2020-11-14|EPI_ISL_775340|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/France/PAC-IHU-1574/2020|2020-09-02|EPI_ISL_569207|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Spain/CT-IBV-005631/2020|2020-04-22|EPI_ISL_508664|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/20124021402/2020|2020-03-17|EPI_ISL_418704|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11066/2020|2020-12-14|EPI_ISL_737317|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Equatorial Guinea/4361/2020|2020-04-28|EPI_ISL_648335|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/Saudi Arabia/KAIMRC13/2020|2020-03-18|EPI_ISL_507019|unknown|hCoV-19^^Saudi Arabia|Human|unknown|Infectious Diseases Research|Submitter|Saudi Arabia

>Spike|hCoV-19/Scotland/EDB5431/2020|2020-04-08|EPI_ISL_487819|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC1FF4/2020|2020-11-22|EPI_ISL_705170|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72221/2020|2020-03-28|EPI_ISL_439622|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-3637/2020|2020-04-00|EPI_ISL_691890|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-0536/2020|2020-03-24|EPI_ISL_447133|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Brazil/SP-L11-CD93/2020|2020-03-25|EPI_ISL_476204|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/20120007504/2020|2020-03-15|EPI_ISL_465145|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20150/2020|2020-12-07|EPI_ISL_747639|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B412C6/2020|2020-11-08|EPI_ISL_658421|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/BOL-INS-94411/2020|2020-03-30|EPI_ISL_498161|Original|hCoV-19^^Bolívar|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18903/2020|2020-11-25|EPI_ISL_785210|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/un-EMC-742/2020|2020-05-06|EPI_ISL_523497|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/MILK-9E32B9/2020|2020-09-20|EPI_ISL_581284|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2424302/2020|2020-10-12|EPI_ISL_740120|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-C48D36/2020|2020-12-12|EPI_ISL_736613|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC2/2020|2020-04-13|EPI_ISL_435049|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/LA-EVTL1108/2020|2020-12-04|EPI_ISL_768378|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-B632DD/2020|2020-11-08|EPI_ISL_656543|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A15B3/2020|2020-12-11|EPI_ISL_743695|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-130026/2020|2020-05-12|EPI_ISL_467014|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-NYCPHL-001085/2020|2020-10-19|EPI_ISL_671678|Original|hCoV-19^^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-48F023/2020|2020-11-04|EPI_ISL_681036|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4683/2020|2020-06-22|EPI_ISL_544254|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/KA-InStem-NCBS-0002/2020|2020-05-26|EPI_ISL_477205|Original|hCoV-19^^Karnataka|Human|Institute for Stem Cell Science and Regenerative Medicine|National Centre for Biological Sciences|Ali|India

>Spike|hCoV-19/USA/FL-BPHL-0519/2020|2020-06-16|EPI_ISL_508722|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-6F5A0A/2020|2020-06-30|EPI_ISL_557410|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl856/2020|2020-03-23|EPI_ISL_776205|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/LIVE-AB896/2020|2020-06-18|EPI_ISL_612441|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42185657/2020|2020-03-11|EPI_ISL_527987|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wuhan/HB-WHCM-116/2020|2020-02-26|EPI_ISL_454996|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/MILK-A19125/2020|2020-09-30|EPI_ISL_627487|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/DRC/11631/2020|2020-05-25|EPI_ISL_527568|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Scotland/CVR4346/2020|2020-09-11|EPI_ISL_572794|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9803660/2020|2020-10-30|EPI_ISL_744988|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-11944/2020|2020-09-10|EPI_ISL_790142|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1388/2020|2020-04-14|EPI_ISL_562080|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-9F22E/2020|2020-05-04|EPI_ISL_453438|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-1865/2020|2020-05-00|EPI_ISL_685471|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZH-EMC-359/2020|2020-08-01|EPI_ISL_523699|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-A91680/2020|2020-10-16|EPI_ISL_705974|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-4213/2020|2020-07-11|EPI_ISL_527635|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/GSTT-265E4DE/2020|2020-03-31|EPI_ISL_484210|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9379/2020|2020-11-16|EPI_ISL_668519|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17747/2020|2020-12-14|EPI_ISL_751183|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-4F7114/2020|2020-06-24|EPI_ISL_559124|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC86/2020|2020-04-04|EPI_ISL_475702|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Northern Ireland/NIRE-102340/2020|2020-03-22|EPI_ISL_453485|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-BBBD8A/2020|2020-11-21|EPI_ISL_724105|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0484/2020|2020-05-17|EPI_ISL_698652|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/WI-WSLH-200679/2020|2020-08-19|EPI_ISL_631436|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/ID-QDX-937/2020|2020-03-22|EPI_ISL_571599|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Singapore/975/2020|2020-03-23|EPI_ISL_548983|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/AZ-TG664552/2020|2020-04-18|EPI_ISL_696168|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-807/2020|2020-10-14|EPI_ISL_632686|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/BRIS-126C78/2020|2020-04-10|EPI_ISL_458918|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12868/2020|2020-07-27|EPI_ISL_592096|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-D1369/2020|2020-04-21|EPI_ISL_453765|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10520/2020|2020-10-23|EPI_ISL_626263|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUH-BA0131/2020|2020-11-18|EPI_ISL_719704|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-100097/2020|2020-03-13|EPI_ISL_451689|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4951BE/2020|2020-11-19|EPI_ISL_726309|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498300/2020|2020-12-01|EPI_ISL_727055|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-S1779/2020|2020-11-08|EPI_ISL_755777|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/WI-UW-243/2020|2020-03-28|EPI_ISL_428339|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/MILK-B88B40/2020|2020-11-14|EPI_ISL_675888|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0366/2020|2020-03-22|EPI_ISL_569475|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/WI-UW-695/2020|2020-06-29|EPI_ISL_491373|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/NS-NML-954/2020|2020-03-27|EPI_ISL_579584|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/Austria/CeMM0392/2020|2020-03-19|EPI_ISL_475832|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES) |Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUH-9B5247/2020|2020-09-03|EPI_ISL_590440|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15995/2020|2020-07-10|EPI_ISL_785679|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-160BB1/2020|2020-05-23|EPI_ISL_473025|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-F4096/2020|2020-11-18|EPI_ISL_725186|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20274/2020|2020-11-30|EPI_ISL_747755|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49539A/2020|2020-11-21|EPI_ISL_726336|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-954FF8/2020|2020-06-11|EPI_ISL_553630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0922/2020|2020-03-27|EPI_ISL_511179|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/EDB3106/2020|2020-04-04|EPI_ISL_487975|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B95542/2020|2020-11-13|EPI_ISL_673645|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B9EAA4/2020|2020-11-18|EPI_ISL_719834|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_4039/2020|2020-03-18|EPI_ISL_491093|Original|hCoV-19^^Zlin|Human|The National Institute of Public Health|The National Institute of Public Health and State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/USA/TX-HMH-MCoV-13877/2020|2020-08-17|EPI_ISL_787170|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-BCCABC/2020|2020-11-25|EPI_ISL_704645|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3137/2020|2020-07-10|EPI_ISL_520844|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUA-9DBF71/2020|2020-09-22|EPI_ISL_575352|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EE5BE/2020|2020-09-02|EPI_ISL_540691|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0198/2020|2020-03-24|EPI_ISL_434873|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17100/2020|2020-12-14|EPI_ISL_750758|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08306/2020|2020-05-21|EPI_ISL_524102|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4A0271/2020|2020-12-04|EPI_ISL_743419|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2659C/2020|2020-03-26|EPI_ISL_422195|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2D43BF/2020|2020-09-23|EPI_ISL_577203|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-005933/2020|2020-03-27|EPI_ISL_500369|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-PV09069/2020|2020-03-20|EPI_ISL_422490|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21638/2020|2020-03-31|EPI_ISL_516365|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WI-WSLH-200424/2020|2020-04-24|EPI_ISL_578585|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/FL-BPHL-2034/2020|2020-05-26|EPI_ISL_653187|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Belgium/MAC-0324142/2020|2020-03-24|EPI_ISL_420399|Original|hCoV-19^^Zoutleeuw|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/VIC10636/2020|2020-09-06|EPI_ISL_563003|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-10654/2020|2020-06-09|EPI_ISL_570342|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUH-9BA5EF/2020|2020-09-09|EPI_ISL_573818|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/DRC/3632/2020|2020-04-23|EPI_ISL_447607|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/England/LOND-DB3BA/2020|2020-11-13|EPI_ISL_724762|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUH-9FF4C3/2020|2020-09-30|EPI_ISL_600166|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C2C8FB/2020|2020-12-08|EPI_ISL_733681|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1834/2020|2020-04-27|EPI_ISL_622546|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15416/2020|2020-11-23|EPI_ISL_713814|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CL-IBV-97006241/2020|2020-04-15|EPI_ISL_537615|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/AZ-TG640871/2020|2020-04-27|EPI_ISL_695803|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Singapore/88/2020|2020-04-21|EPI_ISL_435693|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/NY-Wadsworth-40040-01/2020|2020-04-07|EPI_ISL_676809|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/South Korea/KUMC04/2020|2020-02-27|EPI_ISL_413514|Vero P1|hCoV-19^^South Korea|Human|Department of Microbiology|Department of Microbiology|Park|South Korea

>Spike|hCoV-19/Morocco/RMPS-14/2020|2020-04-22|EPI_ISL_482739|Original|hCoV-19^^Morocco|Human|LNR National Reference Laboratory|Medical Biotechnology Laboratory|Kartti|Morocco

>Spike|hCoV-19/USA/MI-UM-10036524225/2020|2020-10-19|EPI_ISL_628867|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-975F2E/2020|2020-08-20|EPI_ISL_552762|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-127636/2020|2020-07-17|EPI_ISL_746607|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/ALDP-A6D26B/2020|2020-10-14|EPI_ISL_608017|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-D0CDA6/2020|2020-12-20|EPI_ISL_781283|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-131904-01/2020|2020-06-05|EPI_ISL_676706|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/NORW-F5727/2020|2020-11-05|EPI_ISL_665447|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A292/2020|2020-12-09|EPI_ISL_731188|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0283/2020|2020-05-17|EPI_ISL_698463|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Hangzhou/ZJU-01/2020|2020-01-25|EPI_ISL_415709|Vero|hCoV-19^^Hangzhou|Human|State Key Laboratory for Diagnosis and Treatment of Infectious Diseases|State Key Laboratory for Diagnosis and Treatment of Infectious Diseases|Jiang|China

>Spike|hCoV-19/USA/CT-UW-6573/2020|2020-04-02|EPI_ISL_437870|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-ALSR-4571/2020|2020-07-09|EPI_ISL_667013|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Ireland/D-NVRL-77IRL61444/2020|2020-11-03|EPI_ISL_732385|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/CAMB-1B7483/2020|2020-10-19|EPI_ISL_638321|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5DBC/2020|2020-09-10|EPI_ISL_567816|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/400/2020|2020-04-17|EPI_ISL_469149|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-C25C9C/2020|2020-12-06|EPI_ISL_782964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1477/2020|2020-06-25|EPI_ISL_549259|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-A1EE1A/2020|2020-10-01|EPI_ISL_587346|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG396333/2020|2020-06-09|EPI_ISL_694802|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-BB1285/2020|2020-11-17|EPI_ISL_720078|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6491/2020|2020-09-00|EPI_ISL_689593|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-7608/2020|2020-07-00|EPI_ISL_686710|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9F043B/2020|2020-09-24|EPI_ISL_580702|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C06244/2020|2020-12-06|EPI_ISL_709479|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S317/2020|2020-04-04|EPI_ISL_434077|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMC-B215D2/2020|2020-11-03|EPI_ISL_647189|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/460/2020|2020-03-20|EPI_ISL_424483|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Japan/IC-0382/2020|2020-11-00|EPI_ISL_721621|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA27B6/2020|2020-10-22|EPI_ISL_624406|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005054/2020|2020-04-21|EPI_ISL_500287|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-35B5C/2020|2020-04-27|EPI_ISL_474532|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9FF1F9/2020|2020-10-02|EPI_ISL_600368|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1208/2020|2020-04-01|EPI_ISL_430498|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/PORT-2D2603/2020|2020-12-19|EPI_ISL_763676|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15438/2020|2020-12-01|EPI_ISL_739609|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/ME-HETL-J0244/2020|2020-09-26|EPI_ISL_755400|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUA-5FD0C5/2020|2020-06-26|EPI_ISL_533247|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1599/2020|2020-04-06|EPI_ISL_618645|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-1629/2020|2020-09-11|EPI_ISL_569238|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/MN-GMF-26024/2020|2020-10-15|EPI_ISL_660943|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/NORT-289577/2020|2020-03-30|EPI_ISL_458680|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8033/2020|2020-10-01|EPI_ISL_594816|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1846/2020|2020-03-16|EPI_ISL_604162|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/IA-UW-121/2020|2020-04-11|EPI_ISL_427428|Original|hCoV-19^^Iowa|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/India/MH-ACTREC-370/2020|2020-07-24|EPI_ISL_700019|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-CC03F8/2020|2020-12-19|EPI_ISL_760726|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-PODV-15961800/2020|2020-09-03|EPI_ISL_788951|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/Wales/PHWC-483669/2020|2020-10-12|EPI_ISL_627842|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B75A0D/2020|2020-11-12|EPI_ISL_664358|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7903/2020|2020-06-29|EPI_ISL_545694|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-10CF125/2020|2020-12-10|EPI_ISL_727928|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-18724/2020|2020-09-04|EPI_ISL_547778|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/VIC9955/2020|2020-07-23|EPI_ISL_565801|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUA-9B89C7/2020|2020-09-07|EPI_ISL_568284|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2101/2020|2020-04-00|EPI_ISL_685706|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-CB6B57/2020|2020-12-19|EPI_ISL_777824|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB4F99/2020|2020-12-17|EPI_ISL_761828|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7095/2020|2020-06-28|EPI_ISL_546499|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-1431/2020|2020-08-10|EPI_ISL_569165|Original|hCoV-19^^Provence-Alpes-C\00f4te-d\02019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/CA-ALSR-4142/2020|2020-06-25|EPI_ISL_648846|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-998A15/2020|2020-08-21|EPI_ISL_540061|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-685/2020|2020-06-25|EPI_ISL_491366|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Australia/NSW279/2020|2020-03-28|EPI_ISL_451543|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/England/QEUEH-C30A2B/2020|2020-12-09|EPI_ISL_731393|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-C3B6D1/2020|2020-12-10|EPI_ISL_730925|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/QEUEH-AD4320/2020|2020-10-26|EPI_ISL_647925|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B46197/2020|2020-11-07|EPI_ISL_656262|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/reg-0617913/2020|2020-06-17|EPI_ISL_734768|Original|hCoV-19^^Kortenberg|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/Wales/PHWC-49FA22/2020|2020-12-09|EPI_ISL_743307|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/201140508/2020|2020-03-11|EPI_ISL_464736|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Belgium/reg-10181091/2020|2020-10-18|EPI_ISL_735131|Original|hCoV-19^^Huldenberg|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/England/CAMB-1B77B7/2020|2020-10-25|EPI_ISL_638334|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/ALDP-C39C0E/2020|2020-12-09|EPI_ISL_731120|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4866B1/2020|2020-10-27|EPI_ISL_639068|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-1017/2020|2020-03-30|EPI_ISL_614478|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Spain/VC-IBV-98004498/2020|2020-03-26|EPI_ISL_583948|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr52/2020|2020-04-08|EPI_ISL_541864|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania
>Spike|hCoV-19/England/MILK-B94EA2/2020|2020-11-14|EPI_ISL_709883|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-CB60B2/2020|2020-12-20|EPI_ISL_761674|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB2629/2020|2020-04-25|EPI_ISL_473786|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-6204/2020|2020-10-05|EPI_ISL_620107|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NORW-F7039/2020|2020-12-05|EPI_ISL_725320|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-98001134/2020|2020-03-27|EPI_ISL_538186|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Russia/SPE-RII-22388V/2020|2020-06-09|EPI_ISL_524044|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-13995/2020|2020-11-30|EPI_ISL_711502|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-981EC8/2020|2020-08-09|EPI_ISL_552777|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-294737/2020|2020-08-06|EPI_ISL_573354|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-005/2020|2020-05-23|EPI_ISL_462093|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Scotland/QEUH-9C8E3E/2020|2020-09-14|EPI_ISL_576019|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002198/2020|2020-07-17|EPI_ISL_515596|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC12145/2020|2020-07-23|EPI_ISL_640380|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Oman/C-1186/2020|2020-04-21|EPI_ISL_491168|Original|hCoV-19^^Dhahirah|Human|Oman-National Influenza Center|Biotechnology & OMICS Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/France/PAC-MEPHI-0922/2020|2020-04-03|EPI_ISL_644391|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Switzerland/BS-42199846/2020|2020-03-20|EPI_ISL_581716|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/WI-UW-1796/2020|2020-09-14|EPI_ISL_605668|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-16E38E/2020|2020-10-01|EPI_ISL_585707|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-969822/2020|2020-08-14|EPI_ISL_531118|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C39855/2020|2020-12-09|EPI_ISL_731498|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0448/2020|2020-12-00|EPI_ISL_768657|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-8102/2020|2020-08-00|EPI_ISL_687201|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B522FF/2020|2020-11-08|EPI_ISL_656986|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AD4B37/2020|2020-10-27|EPI_ISL_644026|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4943/2020|2020-07-14|EPI_ISL_519317|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A796D9/2020|2020-10-14|EPI_ISL_606860|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AE283F/2020|2020-10-27|EPI_ISL_633449|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/1049/2020|2020-06-11|EPI_ISL_698124|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Portugal/PT0428/2020|2020-03-28|EPI_ISL_454152|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-B66F5B/2020|2020-11-11|EPI_ISL_661414|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21467/2020|2020-03-30|EPI_ISL_516194|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-ALSR-3788/2020|2020-05-27|EPI_ISL_636201|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/LA-EVTL01/2020|2020-04-09|EPI_ISL_435034|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/EXET-13AEC6/2020|2020-11-10|EPI_ISL_665100|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2113/2020|2020-11-03|EPI_ISL_683742|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/SAP346/2020|2020-03-22|EPI_ISL_483122|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/WA-UW-13242/2020|2020-07-01|EPI_ISL_501124|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Latvia/170/2020|2020-09-23|EPI_ISL_639667|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19555/2020|2020-11-30|EPI_ISL_783927|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1923/2020|2020-04-09|EPI_ISL_453013|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14083/2020|2020-11-30|EPI_ISL_711555|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C6BE7/2020|2020-05-10|EPI_ISL_475394|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-B8EF6C/2020|2020-11-13|EPI_ISL_675311|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1689/2020|2020-09-11|EPI_ISL_605562|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/CA-CHLA-PLM12654404/2020|2020-11-30|EPI_ISL_753444|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/England/ALDP-BC62E7/2020|2020-11-23|EPI_ISL_721366|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-632FD5/2020|2020-07-04|EPI_ISL_556289|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NOTT-11B7A2/2020|2020-11-12|EPI_ISL_652377|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-281330-01/2020|2020-11-30|EPI_ISL_754505|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/ALDP-B6320A/2020|2020-11-08|EPI_ISL_656583|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A468C0/2020|2020-10-05|EPI_ISL_598573|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-19913/2020|2020-12-07|EPI_ISL_747644|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Spain/VC-FISABIO-144/2020|2020-03-18|EPI_ISL_436239|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/Austria/CeMM0576/2020|2020-04-01|EPI_ISL_475923|Original|hCoV-19^^Innsbruck|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/England/QEUA-A01797/2020|2020-09-30|EPI_ISL_679995|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/ALDP-B45E37/2020|2020-11-07|EPI_ISL_656086|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-A5559/2020|2020-03-20|EPI_ISL_500125|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-1229/2020|2020-04-06|EPI_ISL_541239|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Japan/Donner67/2020|2020-07-24|EPI_ISL_644971|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan
>Spike|hCoV-19/England/QEUA-B6A528/2020|2020-11-11|EPI_ISL_662619|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1B668E/2020|2020-10-01|EPI_ISL_612264|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Finland/24SS5F9/2020|2020-09-24|EPI_ISL_759836|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/USA/TX-HMH-MCoV-12241/2020|2020-09-24|EPI_ISL_790262|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B423A4/2020|2020-11-08|EPI_ISL_657169|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-962258/2020|2020-08-10|EPI_ISL_531644|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12733/2020|2020-08-29|EPI_ISL_789907|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204720047/2020|2020-11-16|EPI_ISL_686601|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1BD0B6/2020|2020-12-03|EPI_ISL_740959|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F906/2020|2020-10-06|EPI_ISL_587257|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-037/2020|2020-05-08|EPI_ISL_699693|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/LOND-D96FF/2020|2020-04-14|EPI_ISL_487638|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-248/2020|2020-03-28|EPI_ISL_428344|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Denmark/DCGC-15995/2020|2020-11-23|EPI_ISL_714416|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1380/2020|2020-12-11|EPI_ISL_779046|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/NORT-29AA0B/2020|2020-05-20|EPI_ISL_492484|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA0A63/2020|2020-11-18|EPI_ISL_719779|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-2045/2020|2020-08-01|EPI_ISL_667102|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-19529/2020|2020-12-07|EPI_ISL_748529|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW2254/2020|2020-03-22|EPI_ISL_527010|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Spain/PV-IBV-98008380/2020|2020-10-15|EPI_ISL_654581|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/QEUEH-A4CD16/2020|2020-10-08|EPI_ISL_596047|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036557572/2020|2020-10-21|EPI_ISL_640164|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-18261/2020|2020-12-14|EPI_ISL_749370|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-CF8F5D/2020|2020-12-21|EPI_ISL_781392|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C637D/2020|2020-09-10|EPI_ISL_567555|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12560/2020|2020-07-27|EPI_ISL_640781|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-02946/2020|2020-04-30|EPI_ISL_509550|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-7482/2020|2020-06-26|EPI_ISL_546793|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/WA43/2020|2020-04-07|EPI_ISL_470860|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/England/NORT-299398/2020|2020-04-23|EPI_ISL_493485|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12006/2020|2020-06-15|EPI_ISL_671253|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-20516/2020|2020-12-21|EPI_ISL_758738|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG666168/2020|2020-05-01|EPI_ISL_696248|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B23A86/2020|2020-11-04|EPI_ISL_647025|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B026F2/2020|2020-10-24|EPI_ISL_643034|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-78892/2020|2020-04-07|EPI_ISL_433784|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUEH-998EFB/2020|2020-08-24|EPI_ISL_541826|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E8366/2020|2020-09-24|EPI_ISL_637710|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19176/2020|2020-11-23|EPI_ISL_783560|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-1250B29/2020|2020-11-02|EPI_ISL_665248|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/CAMC-B9AC0C/2020|2020-11-15|EPI_ISL_673244|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-Jeddah64/2020|2020-04-01|EPI_ISL_437475|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/WA-UW-31409/2020|2020-10-14|EPI_ISL_735476|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Norway/7188/2020|2020-12-27|EPI_ISL_775436|Original|hCoV-19^^Rogaland|Human|Department of Medical Microbiology - section Molde|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Belgium/VB-030542/2020|2020-03-05|EPI_ISL_418863|Original|hCoV-19^^Komen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-13506/2020|2020-11-30|EPI_ISL_712842|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48BA83/2020|2020-10-28|EPI_ISL_666318|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-99C659/2020|2020-08-30|EPI_ISL_550584|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1731/2020|2020-03-21|EPI_ISL_424231|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-3996/2020|2020-09-14|EPI_ISL_615766|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C035E/2020|2020-03-28|EPI_ISL_420220|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Austria/CeMM0590/2020|2020-03-16|EPI_ISL_583605|Original|hCoV-19^^Innsbruck|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Latvia/039/2020|2020-03-15|EPI_ISL_486422|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

>Spike|hCoV-19/Luxembourg/LNS7639610/2020|2020-12-28|EPI_ISL_771122|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-7BFA9/2020|2020-04-04|EPI_ISL_470391|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C589D/2020|2020-09-11|EPI_ISL_567841|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3267/2020|2020-07-27|EPI_ISL_561056|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Spain/RI-IBV-006004/2020|2020-03-20|EPI_ISL_500435|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/ON-PHL-20-03627/2020|2020-11-00|EPI_ISL_775133|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-A84D12/2020|2020-10-17|EPI_ISL_610496|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1078/2020|2020-03-28|EPI_ISL_511625|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WI-GMF-M00018/2020|2020-07-06|EPI_ISL_547669|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000828/2020|2020-03-24|EPI_ISL_632205|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CA-IGI-0271/2020|2020-07-06|EPI_ISL_569923|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-A50C6D/2020|2020-10-07|EPI_ISL_597758|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0438/2020|2020-04-02|EPI_ISL_435021|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/GJ-GBRC155/2020|2020-05-27|EPI_ISL_461484|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/NORT-2963B9/2020|2020-05-13|EPI_ISL_488045|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL355/2020|2020-05-25|EPI_ISL_578761|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Latvia/055/2020|2020-07-08|EPI_ISL_492990|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Australia/VIC357/2020|2020-03-21|EPI_ISL_426665|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2746/2020|2020-04-18|EPI_ISL_438944|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Brazil/SP-L7-CD66/2020|2020-03-25|EPI_ISL_476434|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/CA-QDX-2074/2020|2020-03-14|EPI_ISL_604393|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-12DAE0/2020|2020-05-29|EPI_ISL_481931|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006271/2020|2020-04-21|EPI_ISL_537642|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-NYCPHL-001220/2020|2020-11-04|EPI_ISL_683858|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MD-MDH-0020/2020|2020-04-01|EPI_ISL_481268|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/USA/CA-CZB-2751/2020|2020-06-27|EPI_ISL_582858|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-95A97C/2020|2020-06-13|EPI_ISL_554894|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D17F2/2020|2020-04-12|EPI_ISL_484420|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-3984/2020|2020-10-03|EPI_ISL_636347|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Belgium/DMT-0411408/2020|2020-04-11|EPI_ISL_462262|Original|hCoV-19^^Lessines|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Canada/MB-NML-416/2020|2020-04-02|EPI_ISL_582252|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Germany/HH-hpi-p2419/2020|2020-04-20|EPI_ISL_776488|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WA-S51/2020|2020-03-03|EPI_ISL_417104|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/20196064904/2020|2020-05-04|EPI_ISL_465626|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Sweden/20-53885/2020|2020-12-13|EPI_ISL_789045|Original|hCoV-19^^Orebro lan|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/DE-DHSS-F1009988/2020|2020-10-15|EPI_ISL_708399|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/CA-CZB-1620/2020|2020-04-21|EPI_ISL_468549|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/LOND-D9B87/2020|2020-10-13|EPI_ISL_611996|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2BC9/2020|2020-10-21|EPI_ISL_624950|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uganda/UG105/2020|2020-07-04|EPI_ISL_738012|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/England/MILK-CAA39A/2020|2020-12-18|EPI_ISL_768849|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1728/2020|2020-04-20|EPI_ISL_542797|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC6883/2020|2020-07-12|EPI_ISL_564115|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-487665/2020|2020-10-27|EPI_ISL_639224|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1931/2020|2020-10-06|EPI_ISL_613495|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/ME-HETL-J0304/2020|2020-12-01|EPI_ISL_755442|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Mexico/CMX-INMEGEN-12/2020|2020-08-06|EPI_ISL_522942|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Medicina Gen\u00f3mica|Instituto Nacional de Medicina Gen\u00f3mica|Hidalgo|Mexico

>Spike|hCoV-19/Denmark/DCGC-2423/2020|2020-08-10|EPI_ISL_617484|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG376020/2020|2020-06-15|EPI_ISL_694609|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/20118057804/2020|2020-03-12|EPI_ISL_464928|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2259/2020|2020-08-10|EPI_ISL_617439|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BE-ETHZ-410242/2020|2020-11-27|EPI_ISL_737729|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-5760/2020|2020-09-28|EPI_ISL_619909|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WY-WYPHL-20007680/2020|2020-04-03|EPI_ISL_493128|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Wales/PHWC-30D6A/2020|2020-04-09|EPI_ISL_446354|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR5475/2020|2020-10-30|EPI_ISL_650538|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1637E7/2020|2020-05-11|EPI_ISL_473998|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4010/2020|2020-06-16|EPI_ISL_543293|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0837/2020|2020-06-19|EPI_ISL_514183|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-45089/2020|2020-12-08|EPI_ISL_747207|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Singapore/320nan/2020|2020-05-20|EPI_ISL_648804|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/CAMC-B1FCA5/2020|2020-11-02|EPI_ISL_647657|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012723027/2020|2020-11-30|EPI_ISL_746461|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Australia/VIC5478/2020|2020-07-20|EPI_ISL_520226|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-UM-10036589901/2020|2020-10-23|EPI_ISL_650002|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/BRIS-12758B/2020|2020-03-31|EPI_ISL_469577|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12754/2020|2020-11-09|EPI_ISL_682935|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4531/2020|2020-09-22|EPI_ISL_585391|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Singapore/652/2020|2020-04-22|EPI_ISL_493412|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMB-1BA699/2020|2020-11-11|EPI_ISL_664992|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/PORT-2D0070/2020|2020-05-01|EPI_ISL_475250|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A00DC3/2020|2020-10-02|EPI_ISL_585574|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUH-B692B9/2020|2020-11-11|EPI_ISL_661630|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB15C9/2020|2020-10-23|EPI_ISL_623721|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0092/2020|2020-06-18|EPI_ISL_511846|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/NORT-1B62824/2020|2020-11-15|EPI_ISL_706279|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WA-UW-23360/2020|2020-08-03|EPI_ISL_576432|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-9CFB8B/2020|2020-09-16|EPI_ISL_589915|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR849/2020|2020-03-25|EPI_ISL_433350|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM97372016/2020|2020-12-02|EPI_ISL_753580|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/VIC541/2020|2020-03-24|EPI_ISL_426806|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Switzerland/ZH-ETHZ-270086/2020|2020-09-02|EPI_ISL_541518|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4A528B/2020|2020-12-15|EPI_ISL_764845|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C48783/2020|2020-12-12|EPI_ISL_736717|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A6E63/2020|2020-09-01|EPI_ISL_550150|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII11168S/2020|2020-05-02|EPI_ISL_507240|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/United Arab Emirates/DU-A-S8-1_S3/2020|2020-04-23|EPI_ISL_548969|Original|hCoV-19^^Dubai|Human|Expo2020 Emergency Center|Agiomix|Ben Hamda|United Arab Emirates

>Spike|hCoV-19/England/SHEF-C8329/2020|2020-04-12|EPI_ISL_442027|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12807/2020|2020-10-26|EPI_ISL_682988|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20142019704/2020|2020-03-30|EPI_ISL_423444|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16093/2020|2020-11-16|EPI_ISL_714184|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-A9FC26/2020|2020-10-20|EPI_ISL_665993|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Canada/ON-S946/2020|2020-04-14|EPI_ISL_586499|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/QEUEH-AD2182/2020|2020-10-27|EPI_ISL_649735|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14455/2020|2020-10-07|EPI_ISL_787740|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-728/2020|2020-10-05|EPI_ISL_632369|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-CF5E0/2020|2020-05-19|EPI_ISL_529356|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33A8E/2020|2020-04-14|EPI_ISL_446780|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9FD6E/2020|2020-11-18|EPI_ISL_720947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1833/2020|2020-04-06|EPI_ISL_613916|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-7090/2020|2020-10-12|EPI_ISL_619132|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/VC-FISABIO-648/2020|2020-03-31|EPI_ISL_455721|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-19053/2020|2020-11-24|EPI_ISL_783602|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/IB-IBV-99011553/2020|2020-12-11|EPI_ISL_779868|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiología|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/CVR75/2020|2020-03-06|EPI_ISL_425805|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0364/2020|2020-09-21|EPI_ISL_579107|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMB-78A50/2020|2020-04-07|EPI_ISL_433809|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1742/2020|2020-09-22|EPI_ISL_605615|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/France/PAC-MEPHI-2140/2020|2020-09-25|EPI_ISL_644509|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Brazil/RJ-1943/2020|2020-04-13|EPI_ISL_456094|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/ALDP-9CB721/2020|2020-09-16|EPI_ISL_575431|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3603/2020|2020-09-18|EPI_ISL_590929|original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Switzerland/BE-ETHZ-260146/2020|2020-08-25|EPI_ISL_539442|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL074/2020|2020-05-04|EPI_ISL_451235|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/HI-H200322/2020|2020-08-17|EPI_ISL_752880|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Scotland/EDB8804/2020|2020-10-26|EPI_ISL_652000|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18116/2020|2020-12-14|EPI_ISL_749209|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12C744/2020|2020-05-03|EPI_ISL_469499|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2025/2020|2020-09-26|EPI_ISL_677432|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Mexico/GRO-INBRE-92/2020|2020-07-18|EPI_ISL_658899|Original|hCoV-19^^Guerrero|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/Australia/VIC14529/2020|2020-08-19|EPI_ISL_592878|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-5709/2020|2020-06-25|EPI_ISL_546958|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A69496/2020|2020-10-12|EPI_ISL_608928|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M882/2020|2020-06-12|EPI_ISL_495259|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Brazil/SP-L14-CD257/2020|2020-03-27|EPI_ISL_476253|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/ALDP-A84C8E/2020|2020-10-17|EPI_ISL_610414|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-976822/2020|2020-08-20|EPI_ISL_575863|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A9D323/2020|2020-10-20|EPI_ISL_680565|Original|hCoV-19^^Scotland|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-B83170/2020|2020-11-14|EPI_ISL_675683|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B2B444/2020|2020-11-03|EPI_ISL_676433|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12F046/2020|2020-04-25|EPI_ISL_488327|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20193/2020|2020-03-21|EPI_ISL_447164|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-QDX-556/2020|2020-03-19|EPI_ISL_571278|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NORT-2A4AC2/2020|2020-09-15|EPI_ISL_573394|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11437/2020|2020-11-02|EPI_ISL_670921|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2263/2020|2020-10-11|EPI_ISL_728032|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00235552/2020|2020-03-24|EPI_ISL_536099|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-DSHS-1170/2020|2020-07-03|EPI_ISL_634970|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-49D13E/2020|2020-12-11|EPI_ISL_742738|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2597/2020|2020-08-21|EPI_ISL_667260|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-29098/2020|2020-04-03|EPI_ISL_445476|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-028/2020|2020-03-29|EPI_ISL_482312|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/LIVE-1D6D56/2020|2020-09-14|EPI_ISL_572436|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11689/2020|2020-09-14|EPI_ISL_789985|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A1B75/2020|2020-12-12|EPI_ISL_743784|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-98002312/2020|2020-03-11|EPI_ISL_537834|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-B9F43C/2020|2020-11-18|EPI_ISL_721157|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7AC4E/2020|2020-11-12|EPI_ISL_723951|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2313/2020|2020-08-10|EPI_ISL_667180|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/NORW-F398D/2020|2020-12-06|EPI_ISL_725146|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/CVR5769/2020|2020-11-12|EPI_ISL_705639|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-1250/2020|2020-00-00|EPI_ISL_684860|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47D78D/2020|2020-10-09|EPI_ISL_586189|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/TK-Y17873/2020|2020-05-00|EPI_ISL_486909|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/Wales/MILK-A47B5D/2020|2020-10-05|EPI_ISL_609265|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI424A/2020|2020-03-24|EPI_ISL_429522|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/MN-MDH-1532/2020|2020-07-21|EPI_ISL_527597|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-47D389/2020|2020-10-07|EPI_ISL_586134|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1646/2020|2020-08-29|EPI_ISL_614046|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-B7F757/2020|2020-11-14|EPI_ISL_674779|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-380395/2020|2020-11-23|EPI_ISL_721800|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-9DD461/2020|2020-09-21|EPI_ISL_599743|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F8214/2020|2020-11-13|EPI_ISL_650512|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0767/2020|2020-06-24|EPI_ISL_525894|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Singapore/292/2020|2020-03-20|EPI_ISL_462410|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-372/2020|2020-07-31|EPI_ISL_514249|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Scotland/EDB6414/2020|2020-04-12|EPI_ISL_487908|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL751/2020|2020-07-20|EPI_ISL_653442|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-B966E4/2020|2020-11-14|EPI_ISL_676070|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000924/2020|2020-03-26|EPI_ISL_484757|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Russia/AST-RII-MH4591S/2020|2020-09-21|EPI_ISL_733217|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/South Korea/KCDC2507/2020|2020-06-16|EPI_ISL_514910|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/GE-RIVM-20311/2020|2020-11-20|EPI_ISL_723450|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-ALSR-0584-SAN/2020|2020-04-15|EPI_ISL_483240|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Norway/3842/2020|2020-09-25|EPI_ISL_590981|original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/OXON-B518F/2020|2020-09-27|EPI_ISL_595326|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Italy/TUS-UOS-9/2020|2020-03-21|EPI_ISL_591337|Original|hCoV-19^^Tuscany|Human|Dipartimento di Biotechnologie Mediche|Dipartimento di Biotechnologie Mediche|Cusi|Italy

>Spike|hCoV-19/England/CAMC-B21921/2020|2020-11-01|EPI_ISL_647214|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C32018/2020|2020-12-11|EPI_ISL_782616|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA464/2020|2020-03-29|EPI_ISL_708758|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Italy/LOM-IZSGC-TE38819/2020|2020-05-10|EPI_ISL_528948|Original|hCoV-19^^Lombardy|Human|Agenzia di Tutela della Salute di Bergamo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/Netherlands/GE-EMC-251/2020|2020-00-00|EPI_ISL_523230|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORW-E935F/2020|2020-04-27|EPI_ISL_453594|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-9C17D0/2020|2020-09-10|EPI_ISL_572937|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D2004-8247/2020|2020-10-19|EPI_ISL_753894|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Scotland/QEUEH-A1FAE8/2020|2020-10-01|EPI_ISL_599048|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13109/2020|2020-08-28|EPI_ISL_788260|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-99CF8B/2020|2020-08-30|EPI_ISL_549893|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14792/2020|2020-11-23|EPI_ISL_711985|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15636/2020|2020-11-23|EPI_ISL_713183|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16ED80/2020|2020-10-06|EPI_ISL_585860|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-GA70/2020|2020-06-18|EPI_ISL_508265|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Australia/VIC6599/2020|2020-07-18|EPI_ISL_521361|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-95A3C9/2020|2020-06-12|EPI_ISL_553443|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96C0BE/2020|2020-08-15|EPI_ISL_530826|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8417/2020|2020-10-00|EPI_ISL_740787|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/South Africa/KRISP-K003350/2020|2020-09-05|EPI_ISL_602741|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/WI-GMF-23618/2020|2020-10-02|EPI_ISL_660878|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-C51884/2020|2020-12-11|EPI_ISL_769563|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A05B3D/2020|2020-09-30|EPI_ISL_600048|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-6994/2020|2020-08-04|EPI_ISL_582921|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-48FFEA/2020|2020-11-12|EPI_ISL_703392|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D3631/2020|2020-04-02|EPI_ISL_440967|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1780/2020|2020-03-18|EPI_ISL_604059|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/New Zealand/20VR3093/2020|2020-00-00|EPI_ISL_579417|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/France/PAC02005/2020|2020-03-03|EPI_ISL_693389|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|CHU de Nice - H\u00f4pital Archet 2|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/NY-NYUMC218/2020|2020-04-03|EPI_ISL_427513|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/LOND-1260133/2020|2020-03-17|EPI_ISL_516841|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2D53B/2020|2020-04-04|EPI_ISL_474317|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-AFMC-5727/2020|2020-05-25|EPI_ISL_496544|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Denmark/DCGC-21475/2020|2020-12-21|EPI_ISL_757737|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D6610/2020|2020-04-23|EPI_ISL_487626|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0803/2020|2020-04-00|EPI_ISL_684413|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Hungary/SRC_isolate_2/2020|2020-03-17|EPI_ISL_483637|Vero E6 P3|hCoV-19^^Baranya|Human|National Laboratory of Virology|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/TX-HMH-MCoV-10761/2020|2020-07-09|EPI_ISL_789616|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B6742E/2020|2020-11-11|EPI_ISL_662251|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F1E96/2020|2020-09-24|EPI_ISL_589693|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_257/2020|2020-03-30|EPI_ISL_422791|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-A9C14/2020|2020-03-24|EPI_ISL_517338|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E12BB/2020|2020-09-20|EPI_ISL_580902|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D231/2020|2020-10-07|EPI_ISL_586115|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-A025BA/2020|2020-09-29|EPI_ISL_584913|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CDC1/2020|2020-03-25|EPI_ISL_472620|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S418/2020|2020-03-25|EPI_ISL_434178|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/PORT-2D0BF7/2020|2020-04-30|EPI_ISL_475264|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-B5565A/2020|2020-11-03|EPI_ISL_657472|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-283B5D/2020|2020-04-02|EPI_ISL_488745|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_7917/2020|2020-07-27|EPI_ISL_545580|Original|hCoV-19^^Olomouc Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Scotland/CVR3900/2020|2020-06-18|EPI_ISL_490696|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-ACC385/2020|2020-10-21|EPI_ISL_629363|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C7163/2020|2020-09-08|EPI_ISL_572845|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-970CFF/2020|2020-08-18|EPI_ISL_553089|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D14CE/2020|2020-04-01|EPI_ISL_512395|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-96EC7C/2020|2020-08-19|EPI_ISL_530506|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CBBC/2020|2020-10-15|EPI_ISL_608245|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3769/2020|2020-06-15|EPI_ISL_543178|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-IGI-0805/2020|2020-06-30|EPI_ISL_756341|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-67D633/2020|2020-07-03|EPI_ISL_551832|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6802/2020|2020-07-00|EPI_ISL_687911|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NV-CDC-2-3693483/2020|2020-11-06|EPI_ISL_747151|Original|hCoV-19^^Nevada|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Scotland/QEUA-9DB08D/2020|2020-09-21|EPI_ISL_601186|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B5256/2020|2020-09-07|EPI_ISL_590244|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2ED74/2020|2020-10-05|EPI_ISL_587114|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/102/2020|2020-08-05|EPI_ISL_515189|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/MILK-992301/2020|2020-08-27|EPI_ISL_540670|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4361/2020|2020-08-31|EPI_ISL_615563|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC12657/2020|2020-08-01|EPI_ISL_641226|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9A8520/2020|2020-09-06|EPI_ISL_550164|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2BFD5/2020|2020-04-02|EPI_ISL_474265|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18755/2020|2020-12-07|EPI_ISL_748537|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204540356/2020|2020-11-03|EPI_ISL_686542|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-981059/2020|2020-08-09|EPI_ISL_526352|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5380/2020|2020-06-26|EPI_ISL_544732|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C3C62B/2020|2020-12-10|EPI_ISL_731234|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8959/2020|2020-00-00|EPI_ISL_565311|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-C98BF1/2020|2020-12-17|EPI_ISL_762135|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13640/2020|2020-08-20|EPI_ISL_788744|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B62CEF/2020|2020-11-08|EPI_ISL_655470|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B40054/2020|2020-11-08|EPI_ISL_657099|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B089D5/2020|2020-10-30|EPI_ISL_643893|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22143/2020|2020-12-14|EPI_ISL_757819|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012501214/2020|2020-11-25|EPI_ISL_747002|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/MILK-A47276/2020|2020-10-06|EPI_ISL_598335|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WYPHL-20009305/2020|2020-04-16|EPI_ISL_539796|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Denmark/DCGC-8427/2020|2020-10-26|EPI_ISL_617933|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-99008668/2020|2020-09-30|EPI_ISL_654229|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC17527/2020|2020-08-22|EPI_ISL_663909|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/GCVR-1718A7/2020|2020-03-27|EPI_ISL_489617|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-

University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-AD6300/2020|2020-10-24|EPI_ISL_629887|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-AA2B7E/2020|2020-10-22|EPI_ISL_624202|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/IA-GMF-13859/2020|2020-08-04|EPI_ISL_547662|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/England/QEUEH-B7D917/2020|2020-11-14|EPI_ISL_727832|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/CAMB-76384/2020|2020-03-30|EPI_ISL_438345|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/MILK-99E129/2020|2020-08-30|EPI_ISL_550532|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A6800/2020|2020-12-17|EPI_ISL_765074|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS6722271/2020|2020-11-12|EPI_ISL_744457|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Denmark/ALAB-SSI-888/2020|2020-03-30|EPI_ISL_444957|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/Scotland/EDB8422/2020|2020-10-15|EPI_ISL_612074|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/Uganda/UG019/2020|2020-04-30|EPI_ISL_451201|Original|hCoV-19^^Uganda|Human|Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda
>Spike|hCoV-19/USA/UT-UPHL-2009649/2020|2020-07-25|EPI_ISL_605324|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/WI-UW-622/2020|2020-06-23|EPI_ISL_484997|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-18530/2020|2020-11-19|EPI_ISL_784878|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-8974/2020|2020-07-02|EPI_ISL_780869|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-21380/2020|2020-12-21|EPI_ISL_758090|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-1AFEF9/2020|2020-05-03|EPI_ISL_459223|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/mink/Denmark/mDK-517/2020|2020-11-18|EPI_ISL_683259|Original|hCoV-19^^Denmark|Neovison vison|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUEH-A0B108/2020|2020-10-01|EPI_ISL_599334|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/C200026725/2020|2020-10-05|EPI_ISL_733580|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Lackenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B221EC/2020|2020-11-03|EPI_ISL_647235|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33C5B/2020|2020-04-16|EPI_ISL_446806|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47CD8C/2020|2020-10-10|EPI_ISL_586046|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-50230/2020|2020-03-09|EPI_ISL_429155|Original|hCoV-19^^Orebro lan|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUEH-CC78A7/2020|2020-12-21|EPI_ISL_760384|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CBE82B/2020|2020-12-20|EPI_ISL_760561|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008717/2020|2020-10-12|EPI_ISL_654294|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-2995/2020|2020-04-00|EPI_ISL_691119|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-351/2020|2020-04-14|EPI_ISL_450705|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC4223/2020|2020-07-18|EPI_ISL_519551|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B7B7D3/2020|2020-11-12|EPI_ISL_724035|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/HI-H200143/2020|2020-06-19|EPI_ISL_752706|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUEH-BA2ABC/2020|2020-11-18|EPI_ISL_672902|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1196B6/2020|2020-11-02|EPI_ISL_627711|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-B0463C/2020|2020-10-24|EPI_ISL_651022|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-7BEE8/2020|2020-04-05|EPI_ISL_470484|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0071/2020|2020-05-09|EPI_ISL_522356|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-AACB47/2020|2020-10-21|EPI_ISL_652898|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NOTT-10E818/2020|2020-03-24|EPI_ISL_425598|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002633/2020|2020-08-03|EPI_ISL_535503|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-B46D39/2020|2020-11-06|EPI_ISL_656163|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201100063/2020|2020-03-06|EPI_ISL_464639|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-C012A3/2020|2020-12-04|EPI_ISL_720787|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SG-ETHZ-300290/2020|2020-10-01|EPI_ISL_603322|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Northern Ireland/NIRE-106C05/2020|2020-05-18|EPI_ISL_500997|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19471/2020|2020-12-07|EPI_ISL_748970|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94F53A/2020|2020-06-18|EPI_ISL_556031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI418/2020|2020-03-10|EPI_ISL_429516|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUA-9B4DB0/2020|2020-09-03|EPI_ISL_590409|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-1079/2020|2020-07-06|EPI_ISL_541664|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/USA/CA-ALSR-1381/2020|2020-03-31|EPI_ISL_494572|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10721/2020|2020-07-08|EPI_ISL_789603|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-487137/2020|2020-10-28|EPI_ISL_639167|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC7162/2020|2020-08-03|EPI_ISL_564256|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NM-DOH-2020641408/2020|2020-12-26|EPI_ISL_767063|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/USA/TX-DSHS-1537/2020|2020-06-07|EPI_ISL_681844|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Cote d'Ivoire/BKE0937/2020|2020-08-28|EPI_ISL_614392|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/England/MILK-9A8C76/2020|2020-09-01|EPI_ISL_549949|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1154/2020|2020-04-27|EPI_ISL_494397|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-A89F17/2020|2020-10-17|EPI_ISL_638831|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012446164/2020|2020-07-25|EPI_ISL_745510|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/TI-ETHZ-210025/2020|2020-07-21|EPI_ISL_510769|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Finland/13LS8AA5/2020|2020-10-13|EPI_ISL_737232|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Denmark/DCGC-10016/2020|2020-11-09|EPI_ISL_669336|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B94965/2020|2020-11-14|EPI_ISL_676044|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC_AP1/2020|2020-04-06|EPI_ISL_463924|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/VA-DCLS-1442/2020|2020-08-18|EPI_ISL_572309|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Netherlands/LI-EMC-153/2020|2020-11-25|EPI_ISL_763121|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/QC-LSPQ-L00220736/2020|2020-03-15|EPI_ISL_535802|Original|hCoV-19^^Quebec|Human|CHUM - Microbiologie - H\u00f4pital Saint-Luc|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/NY-NYUMC489/2020|2020-03-18|EPI_ISL_436737|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-935BBD/2020|2020-06-21|EPI_ISL_552899|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0639-IPL/2020|2020-04-27|EPI_ISL_483274|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-UW-31233/2020|2020-10-12|EPI_ISL_735468|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C39873/2020|2020-12-08|EPI_ISL_730725|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7B895/2020|2020-10-15|EPI_ISL_607485|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_113/2020|2020-05-22|EPI_ISL_460874|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC20117/2020|2020-03-23|EPI_ISL_436838|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MN-CDC-6495/2020|2020-04-05|EPI_ISL_527710|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/NSW2977/2020|2020-10-27|EPI_ISL_707900|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Scotland/QEUIH-AAF3C4/2020|2020-10-22|EPI_ISL_653020|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-21052/2020|2020-12-05|EPI_ISL_791066|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-B432C4/2020|2020-11-08|EPI_ISL_657031|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9DCA24/2020|2020-09-22|EPI_ISL_581112|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M343/2020|2020-06-08|EPI_ISL_495198|Original|hCoV-19^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-B7690F/2020|2020-11-12|EPI_ISL_723784|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42219868/2020|2020-04-04|EPI_ISL_581845|Original|hCoV-19^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/LIVE-A818F/2020|2020-03-26|EPI_ISL_517123|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1434/2020|2020-03-25|EPI_ISL_468404|Original|hCoV-19^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8818/2020|2020-07-01|EPI_ISL_780773|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16161/2020|2020-11-16|EPI_ISL_714613|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC6792/2020|2020-07-21|EPI_ISL_564058|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2697/2020|2020-06-22|EPI_ISL_497329|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-QDX-528/2020|2020-03-18|EPI_ISL_571401|Original|hCoV-19^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-21396/2020|2020-12-21|EPI_ISL_758085|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3316/2020|2020-08-31|EPI_ISL_616070|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-103093/2020|2020-04-20|EPI_ISL_489307|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-83782E/2020|2020-07-16|EPI_ISL_557283|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA14C/2020|2020-09-24|EPI_ISL_580113|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18862/2020|2020-12-07|EPI_ISL_748174|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-11612/2020|2020-09-11|EPI_ISL_790067|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/QEUA-9C8047/2020|2020-09-11|EPI_ISL_567108|Original|hCoV-19^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B9F979/2020|2020-11-18|EPI_ISL_721030|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14347/2020|2020-10-05|EPI_ISL_787632|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB018/2020|2020-03-12|EPI_ISL_425824|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B52AE8/2020|2020-11-09|EPI_ISL_657669|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0684/2020|2020-04-18|EPI_ISL_500846|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV1438v1/2020|2020-12-01|EPI_ISL_791304|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Luxembourg/LNS9361630/2020|2020-10-27|EPI_ISL_744892|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/Gelderland_1/2020|2020-03-02|EPI_ISL_414423|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Lithuania/C20-05-R18/2020|2020-05-25|EPI_ISL_560396|Original|hCoV-19^^Vilnius|Human|Vilnius University Hospital Santaros Klinikos|Institute of Biotechnology|Timinskas|Lithuania

>Spike|hCoV-19/USA/CT-Yale-256/2020|2020-04-01|EPI_ISL_469182|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Luxembourg/LNS9102295/2020|2020-03-19|EPI_ISL_429727|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-50E568/2020|2020-06-11|EPI_ISL_559083|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0099/2020|2020-03-22|EPI_ISL_569308|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Japan/PG-1027/2020|2020-04-00|EPI_ISL_684637|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-491255/2020|2020-11-16|EPI_ISL_706631|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D456/2020|2020-11-01|EPI_ISL_680626|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-99DC83/2020|2020-08-30|EPI_ISL_550645|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3321/2020|2020-04-00|EPI_ISL_691436|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC2461/2020|2020-06-26|EPI_ISL_522167|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14265/2020|2020-10-04|EPI_ISL_787550|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-B36FB/2020|2020-04-25|EPI_ISL_534881|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1702/2020|2020-08-22|EPI_ISL_594391|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUH-9E435B/2020|2020-09-23|EPI_ISL_601042|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-109325/2020|2020-11-19|EPI_ISL_728529|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-1B7DB5/2020|2020-10-14|EPI_ISL_637731|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA3EC/2020|2020-09-24|EPI_ISL_580271|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5495/2020|2020-10-21|EPI_ISL_651819|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-B84458/2020|2020-11-14|EPI_ISL_674324|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B96C6A/2020|2020-11-13|EPI_ISL_675078|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/DP0078/2020|2020-02-15|EPI_ISL_416572|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/GJ-GBRC-432/2020|2020-09-03|EPI_ISL_586569|Original|hCoV-19^^Gujarat|Human|GCRI,Ahmedabad|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/ALDP-97BFBF/2020|2020-07-14|EPI_ISL_526296|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Serbia/Srbobran-305963007/2020|2020-07-29|EPI_ISL_661198|Original|hCoV-19^^Srbobran|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/England/20174052404/2020|2020-04-21|EPI_ISL_465409|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20139052704/2020|2020-03-28|EPI_ISL_420704|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9E8FAE/2020|2020-09-24|EPI_ISL_584180|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/LIVE-A51FB/2020|2020-03-07|EPI_ISL_500111|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-2934/2020|2020-04-00|EPI_ISL_691060|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-2A4479/2020|2020-08-19|EPI_ISL_572480|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-4723/2020|2020-07-00|EPI_ISL_689859|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OK-ADDL-01/2020|2020-04-10|EPI_ISL_535364|Original|hCoV-19^^Oklahoma|Human|Oklahoma Animal Disease Diagnostic Laboratory|Oklahoma Animal Disease Diagnostic Laboratory|Narayanan|USA

>Spike|hCoV-19/England/LOND-D8A12/2020|2020-04-15|EPI_ISL_492750|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52462/2020|2020-11-08|EPI_ISL_656704|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2EA811/2020|2020-00-00|EPI_ISL_703492|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1918/2020|2020-10-28|EPI_ISL_677327|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/FL-BPHL-2238/2020|2020-05-22|EPI_ISL_666860|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-AA134A/2020|2020-10-22|EPI_ISL_624026|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-259A1FE/2020|2020-05-24|EPI_ISL_488860|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR0759/2020|2020-03-18|EPI_ISL_456164|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Scotland/EDB7803/2020|2020-09-19|EPI_ISL_572760|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A289/2020|2020-12-01|EPI_ISL_727519|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-95221F/2020|2020-06-09|EPI_ISL_553646|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B2146/2020|2020-04-23|EPI_ISL_479120|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AZ-TG580930/2020|2020-08-05|EPI_ISL_695629|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-BB4DDC/2020|2020-11-20|EPI_ISL_702493|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG274754/2020|2020-04-07|EPI_ISL_694070|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC14763/2020|2020-09-17|EPI_ISL_592988|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C05FA8/2020|2020-12-06|EPI_ISL_709304|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BD3A94/2020|2020-11-28|EPI_ISL_702196|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0553/2020|2020-04-00|EPI_ISL_684181|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1093/2020|2020-03-16|EPI_ISL_614615|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-101E8C/2020|2020-03-24|EPI_ISL_453471|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15868/2020|2020-07-10|EPI_ISL_785552|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-C32E1E/2020|2020-12-11|EPI_ISL_734000|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0335/2020|2020-11-24|EPI_ISL_755463|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/BRIS-12B4E4/2020|2020-05-21|EPI_ISL_487551|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B41509/2020|2020-11-08|EPI_ISL_658666|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0651/2020|2020-04-00|EPI_ISL_684261|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-WSLH-200011/2020|2020-03-15|EPI_ISL_470540|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene\nCommunicable Disease Division|Wisconsin State Laboratory of Hygiene\nCommunicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/WI-WSLH-200183/2020|2020-04-05|EPI_ISL_578408|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/20130061604/2020|2020-03-21|EPI_ISL_423641|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/OXON-B392F/2020|2020-04-04|EPI_ISL_534894|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Hong Kong/VB20073824/2020|2020-05-12|EPI_ISL_463304|Original|hCoV-19^^Hong Kong|Human|Mrs Wu York Yu GOPC|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/PORT-2D0F46/2020|2020-04-23|EPI_ISL_475308|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14067/2020|2020-06-24|EPI_ISL_738822|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Australia/VIC9101/2020|2020-08-20|EPI_ISL_565393|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1ADE91/2020|2020-04-26|EPI_ISL_459444|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4314/2020|2020-09-30|EPI_ISL_648963|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-47DBDC/2020|2020-10-08|EPI_ISL_595338|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48EC3F/2020|2020-11-10|EPI_ISL_680981|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2654/2020|2020-03-16|EPI_ISL_604910|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Tunisia/ADAGE-17786/2020|2020-10-13|EPI_ISL_710575|Original|hCoV-19^^Monastir|Human|H\u00f4pital Fattouma-Bourguiba de Monastir|Laboratoire des Proc\u00e9d\u00e9s de Criblage Mol\u00e9culaire et Cellulaire-Centre de Biotechnologie de Sfax|Abid|Tunisia

>Spike|hCoV-19/USA/NC-CDC-0871/2020|2020-04-16|EPI_ISL_540441|Original|hCoV-19^^North Carolina|Human|NC State Laboratory of Public Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20057/2020|2020-03-21|EPI_ISL_437144|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LIVE-DBAEA4/2020|2020-11-14|EPI_ISL_665121|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25AAD/2020|2020-03-24|EPI_ISL_422345|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Singapore/131/2020|2020-03-20|EPI_ISL_443223|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-936615/2020|2020-06-21|EPI_ISL_551354|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE-13661344/2020|2020-11-09|EPI_ISL_745231|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|y|Korneenko|Russia

>Spike|hCoV-19/England/QEUEH-9DDAF6/2020|2020-09-21|EPI_ISL_599553|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Naarden_1364774/2020|2020-03-02|EPI_ISL_413577|Original|hCoV-19^^Naarden|Human|MHC Gooi & Vechtstreek|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/FL-BPHL-1260/2020|2020-03-26|EPI_ISL_541145|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B1AEC2/2020|2020-11-01|EPI_ISL_645951|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS-isl-75/2020|2020-05-24|EPI_ISL_605911|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/England/MILK-A7D06E/2020|2020-10-13|EPI_ISL_606912|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_03469645/2020|2020-04-00|EPI_ISL_466742|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/QEUEH-C146A1/2020|2020-12-06|EPI_ISL_709311|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DA99/2020|2020-09-17|EPI_ISL_577485|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-7593S/2020|2020-07-20|EPI_ISL_569844|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Jordan/AM-ALSR-4010/2020|2020-10-03|EPI_ISL_636373|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/GA-MDHHS-SC21741/2020|2020-07-21|EPI_ISL_529804|Original|hCoV-19^^Georgia|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000311/2020|2020-03-15|EPI_ISL_631838|Original|hCoV-19^^New York|Human|Bellevue Hospital Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-CDC-2-3714457/2020|2020-11-23|EPI_ISL_751787|Original|hCoV-19^^Texas|Human|TX DSHS|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/CA-QDX-2102/2020|2020-03-19|EPI_ISL_604411|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/South Africa/KRISP-K002387/2020|2020-07-22|EPI_ISL_515753|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Canada/ON-S934/2020|2020-04-13|EPI_ISL_586492|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/AZ-TG648760/2020|2020-04-27|EPI_ISL_695933|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Brazil/RJ-00551/2020|2020-10-29|EPI_ISL_717935|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/BRIS-12D85F/2020|2020-05-06|EPI_ISL_481856|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-33-3/2020|2020-08-17|EPI_ISL_577765|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR4323/2020|2020-08-28|EPI_ISL_573774|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0222/2020|2020-04-03|EPI_ISL_509074|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Scotland/QEUH-96FBC9/2020|2020-08-18|EPI_ISL_568417|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-67E76/2020|2020-10-31|EPI_ISL_650354|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/LOND-D5532/2020|2020-04-16|EPI_ISL_444231|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Ukraine/203100333/2020|2020-06-24|EPI_ISL_512612|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/Australia/VIC5407/2020|2020-07-06|EPI_ISL_520170|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-160234/2020|2020-05-19|EPI_ISL_472910|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4B8AD/2020|2020-10-08|EPI_ISL_627283|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Indonesia/BT-MRINUPH-200624-183/2020|2020-06-18|EPI_ISL_779387|Original|hCoV-19^^Banten|Human|Siloam Hospital Lippo Village|Mochtar Riady Institute for Nanotechnology-Universitas Pelita Harapan|Suriapranata|Indonesia

>Spike|hCoV-19/England/QEUH-B43455/2020|2020-11-08|EPI_ISL_657148|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6885/2020|2020-00-00|EPI_ISL_687993|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-QDX-1911/2020|2020-03-15|EPI_ISL_604249|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC11833/2020|2020-08-10|EPI_ISL_591870|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-29A731/2020|2020-05-02|EPI_ISL_507116|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust

/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AA00044/2020|2020-10-23|EPI_ISL_710426|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/ALDP-9FCE5F/2020|2020-10-01|EPI_ISL_587773|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B32FEF/2020|2020-11-05|EPI_ISL_659377|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-380a/2020|2020-06-18|EPI_ISL_524739|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-A6BDC6/2020|2020-10-09|EPI_ISL_608870|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16133/2020|2020-11-16|EPI_ISL_714132|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-103D14/2020|2020-04-13|EPI_ISL_482051|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11222/2020|2020-11-02|EPI_ISL_670776|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10058/2020|2020-04-05|EPI_ISL_424653|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-B1B82D/2020|2020-11-01|EPI_ISL_646005|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19801/2020|2020-11-24|EPI_ISL_784136|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NC_200244/2020|2020-03-00|EPI_ISL_454802|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/USA/MI-UM-10035748873/2020|2020-09-01|EPI_ISL_583312|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Northern Ireland/QEUI-9410EC/2020|2020-07-29|EPI_ISL_532640|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B78D10/2020|2020-11-12|EPI_ISL_783397|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FDED/2020|2020-12-08|EPI_ISL_743357|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004319/2020|2020-03-24|EPI_ISL_654468|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A563F9/2020|2020-10-07|EPI_ISL_665850|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/EDB9915/2020|2020-11-16|EPI_ISL_680548|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Japan/PG-2000/2020|2020-05-00|EPI_ISL_685605|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Latvia/046/2020|2020-03-22|EPI_ISL_486430|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Switzerland/BL-ETHZ-410182/2020|2020-12-12|EPI_ISL_737668|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/GJ-GBRC273a/2020|2020-06-13|EPI_ISL_483872|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Scotland/QEUH-A4B658/2020|2020-10-08|EPI_ISL_628470|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5260/2020|2020-09-07|EPI_ISL_615191|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-BCCACB/2020|2020-11-25|EPI_ISL_704256|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49261C/2020|2020-11-29|EPI_ISL_725675|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M22/2020|2020-06-04|EPI_ISL_495194|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/UT-04836/2020|2020-04-19|EPI_ISL_470566|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/201161657/2020|2020-03-12|EPI_ISL_464869|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-766/2020|2020-03-09|EPI_ISL_614775|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-134034/2020|2020-07-27|EPI_ISL_746642|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Wales/PHWC-49104C/2020|2020-11-18|EPI_ISL_706602|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10747/2020|2020-09-19|EPI_ISL_641589|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Australia/VIC5240/2020|2020-07-17|EPI_ISL_520005|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BS-42220069/2020|2020-04-04|EPI_ISL_581849|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/TX-HMH-885/2020|2020-04-15|EPI_ISL_545898|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/IR-ALSR-5236/2020|2020-10-06|EPI_ISL_730474|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Denmark/DCGC-15489/2020|2020-11-23|EPI_ISL_713851|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/468/2020|2020-02-14|EPI_ISL_475999|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-C3B2A0/2020|2020-12-09|EPI_ISL_731827|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20169005404/2020|2020-04-17|EPI_ISL_465182|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-BDBF15/2020|2020-11-26|EPI_ISL_709761|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZE-EMC-89/2020|2020-00-00|EPI_ISL_763190|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20140002404/2020|2020-03-27|EPI_ISL_465868|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-2A7FA2/2020|2020-10-10|EPI_ISL_612568|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMB-82AEA/2020|2020-04-22|EPI_ISL_438659|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17378/2020|2020-12-14|EPI_ISL_750941|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6D81E/2020|2020-10-14|EPI_ISL_608052|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BA12E2/2020|2020-11-18|EPI_ISL_672752|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB93A/2020|2020-03-31|EPI_ISL_585252|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489496/2020|2020-11-02|EPI_ISL_639580|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-49AF73/2020|2020-06-12|EPI_ISL_559350|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9896/2020|2020-07-06|EPI_ISL_780329|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-9CE982/2020|2020-09-17|EPI_ISL_601875|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0432v5/2020|2020-04-09|EPI_ISL_644292|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/VIC228/2020|2020-03-20|EPI_ISL_419923|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-BAACEB/2020|2020-11-18|EPI_ISL_783199|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03007/2020|2020-04-30|EPI_ISL_509557|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Spain/AN-IBV-002940/2020|2020-03-26|EPI_ISL_474876|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/DE-DHSS-F987271/2020|2020-12-03|EPI_ISL_766984|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/USA/TX-DSHS-0123/2020|2020-06-11|EPI_ISL_522950|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-B525E7/2020|2020-11-08|EPI_ISL_656885|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20499/2020|2020-11-19|EPI_ISL_728714|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Pakistan/UN-UVAS-Lahore-III/2020|2020-05-11|EPI_ISL_548944|Original|hCoV-19^^Pakistan|Human|Institute of Microbiology|Institute of Microbiology|Yaqub,T.|Pakistan

>Spike|hCoV-19/Canada/BC_20505516/2020|2020-03-00|EPI_ISL_462775|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/NY-PV09328/2020|2020-03-18|EPI_ISL_450017|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Spain/CT-IBV-99009923/2020|2020-08-12|EPI_ISL_660319|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/EXET-138AE2/2020|2020-10-19|EPI_ISL_627145|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42198756/2020|2020-03-19|EPI_ISL_528229|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/EDB1369/2020|2020-04-10|EPI_ISL_491633|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-70IRL97963/2020|2020-07-04|EPI_ISL_500574|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-B8F790/2020|2020-11-13|EPI_ISL_674741|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1327/2020|2020-05-30|EPI_ISL_648816|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/MILK-C63A89/2020|2020-12-13|EPI_ISL_735537|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7390/2020|2020-06-29|EPI_ISL_546729|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20VR2657/2020|2020-00-00|EPI_ISL_579324|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Canada/ON-PHL-3670/2020|2020-03-00|EPI_ISL_418328|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/England/ALDP-9CB74F/2020|2020-09-16|EPI_ISL_575612|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB5253/2020|2020-12-18|EPI_ISL_761777|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F47A7/2020|2020-09-25|EPI_ISL_588333|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WHCM2-272/2020|2020-02-26|EPI_ISL_455007|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/QEUA-B4218C/2020|2020-11-08|EPI_ISL_657095|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9FFD8C/2020|2020-10-02|EPI_ISL_600385|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22076/2020|2020-12-14|EPI_ISL_757815|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20124003104/2020|2020-03-17|EPI_ISL_465772|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0349/2020|2020-05-18|EPI_ISL_509114|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-2675A/2020|2020-03-28|EPI_ISL_422096|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10295/2020|2020-07-08|EPI_ISL_789414|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9C3A7B/2020|2020-09-09|EPI_ISL_566847|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-MPP-34/2020|2020-06-17|EPI_ISL_487424|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00fcnter|Germany

>Spike|hCoV-19/England/NORT-1B641AF/2020|2020-08-19|EPI_ISL_573311|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B857F4/2020|2020-11-14|EPI_ISL_675303|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A06273/2020|2020-10-01|EPI_ISL_600065|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13754/2020|2020-08-17|EPI_ISL_788847|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-96B1CB/2020|2020-08-15|EPI_ISL_531458|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-699/2020|2020-03-20|EPI_ISL_571418|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-9C461C/2020|2020-09-09|EPI_ISL_566748|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8004/2020|2020-07-03|EPI_ISL_545782|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/D-NVRL-73IRL25093/2020|2020-09-16|EPI_ISL_578263|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/VIC14244/2020|2020-08-03|EPI_ISL_592412|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9DDC87/2020|2020-09-21|EPI_ISL_599680|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-10020MM/2020|2020-03-00|EPI_ISL_447704|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/USA/OR-OHSU-1043/2020|2020-07-08|EPI_ISL_525957|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-DSHS-0646/2020|2020-07-16|EPI_ISL_576301|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-BC4726/2020|2020-11-25|EPI_ISL_703607|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15837/2020|2020-11-23|EPI_ISL_714052|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-970327/2020|2020-08-17|EPI_ISL_553236|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9B7CA1/2020|2020-09-08|EPI_ISL_602134|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20001218/2020|2020-01-24|EPI_ISL_408995|Original|hCoV-19^^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/QEUA-C5BC06/2020|2020-12-14|EPI_ISL_769316|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A1A6/2020|2020-09-05|EPI_ISL_535211|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Panama/329560/2020|2020-03-12|EPI_ISL_496634|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/South Korea/KDCA0274/2020|2020-10-22|EPI_ISL_760068|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/UT-UPHL-03068/2020|2020-05-04|EPI_ISL_560907|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC1037/2020|2020-04-03|EPI_ISL_430533|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Netherlands/NA_336/2020|2020-04-03|EPI_ISL_455141|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S1142/2020|2020-05-05|EPI_ISL_463632|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/WI-UW-836/2020|2020-05-23|EPI_ISL_509843|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-14698/2020|2020-11-23|EPI_ISL_711915|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-02759/2020|2020-09-26|EPI_ISL_765620|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Germany/HH-hpi-p1699/2020|2020-03-18|EPI_ISL_776561|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/CA-ALSR-4398/2020|2020-10-19|EPI_ISL_649006|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-87FF70/2020|2020-07-21|EPI_ISL_532706|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C7FFC7/2020|2020-12-16|EPI_ISL_756947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SE-6544/2020|2020-04-26|EPI_ISL_541378|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/UT-01440/2020|2020-04-10|EPI_ISL_452153|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-A861D8/2020|2020-10-17|EPI_ISL_606076|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1756/2020|2020-06-01|EPI_ISL_496182|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Canada/ON-A16/2020|2020-11-24|EPI_ISL_755718|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Spain/MD-IBV-003724/2020|2020-05-10|EPI_ISL_467195|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-16176/2020|2020-11-30|EPI_ISL_739014|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-9FD8E7/2020|2020-10-02|EPI_ISL_587740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B67A1D/2020|2020-11-11|EPI_ISL_661608|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2BB1D/2020|2020-03-28|EPI_ISL_445809|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0926/2020|2020-06-26|EPI_ISL_699064|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/South Africa/LR00008/2020|2020-06-30|EPI_ISL_515138|Original|hCoV-19^^Eastern Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Switzerland/AG-ETHZ-380299/2020|2020-11-25|EPI_ISL_721722|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Argentina/argenTAG-12C0A026/2020|2020-07-22|EPI_ISL_648209|Original|hCoV-19^^Buenos Aires|Human|INBIRS-UBA|Laboratorio Mixto de Biotecnolog\u00eda Acu\u00e9tica (LMBA)|Ezpeleta|Argentina

>Spike|hCoV-19/England/ALDP-CB561B/2020|2020-12-20|EPI_ISL_761762|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM54662360/2020|2020-11-30|EPI_ISL_753505|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/NY-Yale-026/2020|2020-03-19|EPI_ISL_420094|Original|hCoV-19^^New York|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/ALDP-BC75ED/2020|2020-11-23|EPI_ISL_721227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-975753/2020|2020-08-20|EPI_ISL_552661|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_84/2020|2020-05-19|EPI_ISL_460983|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-0116/2020|2020-06-11|EPI_ISL_522945|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Portugal/PT0941/2020|2020-04-08|EPI_ISL_511491|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/LIVE-A779D/2020|2020-03-27|EPI_ISL_517069|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-484/2020|2020-04-06|EPI_ISL_544368|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0637/2020|2020-04-00|EPI_ISL_684247|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Thailand/Bangkok-CONI-0152/2020|2020-03-16|EPI_ISL_455945|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/NY-NYCPHL-001164/2020|2020-10-28|EPI_ISL_671744|Original|hCoV-19^^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/MH-ACTREC-281/2020|2020-07-11|EPI_ISL_699933|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Israel/2107132/2020|2020-04-14|EPI_ISL_447352|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/Canada/BC_04903777/2020|2020-04-00|EPI_ISL_466771|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/MILK-9E2CE9/2020|2020-09-21|EPI_ISL_581305|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-95DB91/2020|2020-06-20|EPI_ISL_556095|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10669/2020|2020-10-26|EPI_ISL_636645|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-20676/2020|2020-12-21|EPI_ISL_759293|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/201420074/2020|2020-03-30|EPI_ISL_465911|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-A9FC35/2020|2020-10-20|EPI_ISL_665994|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM22375766/2020|2020-12-09|EPI_ISL_753667|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Canada/BC_17754491/2020|2020-04-00|EPI_ISL_468691|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Finland/20SS11H1/2020|2020-09-20|EPI_ISL_757373|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-9E5AFB/2020|2020-09-24|EPI_ISL_589318|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-250970-01/2020|2020-10-21|EPI_ISL_754829|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA

>Spike|hCoV-19/Luxembourg/LNS1929808/2020|2020-09-24|EPI_ISL_740023|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/DRC/4685/2020|2020-04-30|EPI_ISL_514106|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/CAMB-7A0E3/2020|2020-04-01|EPI_ISL_441290|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7288/2020|2020-10-12|EPI_ISL_618930|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AAE0CE/2020|2020-10-22|EPI_ISL_630787|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-931FC4/2020|2020-06-20|EPI_ISL_552951|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-838C1/2020|2020-04-16|EPI_ISL_443599|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/R13164-20/2020|2020-06-30|EPI_ISL_622895|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Australia/VPRL002/2020|2020-03-06|EPI_ISL_455595|Original|hCoV-19^^South Australia|Human|SA Pathology|VPRL|Leong|Australia

>Spike|hCoV-19/England/CAMC-B9C587/2020|2020-11-15|EPI_ISL_673392|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/213/2020|2020-09-15|EPI_ISL_770048|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zreløvs|Latvia

>Spike|hCoV-19/England/QEUEH-AD37CB/2020|2020-10-24|EPI_ISL_634173|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PDL-SC617/2020|2020-03-30|EPI_ISL_663263|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Hong Kong/VM20072463/2020|2020-07-22|EPI_ISL_602600|Original|hCoV-19^^Hong Kong|Human|United Christian Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Australia/VIC535/2020|2020-03-25|EPI_ISL_426801|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/MD-MDH-0160/2020|2020-07-15|EPI_ISL_524887|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/ALDP-B238C8/2020|2020-11-04|EPI_ISL_647008|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-SR0306/2020|2020-04-07|EPI_ISL_445161|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-12204/2020|2020-11-16|EPI_ISL_682385|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48FB04/2020|2020-11-10|EPI_ISL_681188|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B30330/2020|2020-11-04|EPI_ISL_659971|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E59FE/2020|2020-09-24|EPI_ISL_589540|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D98D2/2020|2020-09-18|EPI_ISL_576768|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0685-SAN/2020|2020-03-29|EPI_ISL_483301|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/NSW631/2020|2020-06-09|EPI_ISL_490040|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/CA-CZB-1001/2020|2020-04-01|EPI_ISL_436642|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Scotland/CVR5700/2020|2020-11-02|EPI_ISL_651359|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B67FB4/2020|2020-11-11|EPI_ISL_662262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10108/2020|2020-04-06|EPI_ISL_427359|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/20146061104/2020|2020-04-01|EPI_ISL_466045|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15131/2020|2020-10-18|EPI_ISL_786615|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A95E39/2020|2020-10-20|EPI_ISL_624886|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2034/2020|2020-03-22|EPI_ISL_509493|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/USA/AZ-TG395922/2020|2020-06-08|EPI_ISL_694762|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-4777/2020|2020-08-00|EPI_ISL_689913|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/MOS-CRIE-7161283/2020|2020-08-24|EPI_ISL_660438|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>|Samoilov|Russia

>Spike|hCoV-19/Portugal/PT0498/2020|2020-03-11|EPI_ISL_454222|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-QDX-2035/2020|2020-03-18|EPI_ISL_604316|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/EXET-13AA95/2020|2020-11-08|EPI_ISL_664429|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12880/2020|2020-09-03|EPI_ISL_672425|Original|hCoV-19^^California|Human|Fresno County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/South Korea/KCDC2652/2020|2020-07-12|EPI_ISL_515054|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/WA-S2420/2020|2020-06-15|EPI_ISL_497052|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/CVR2889/2020|2020-04-21|EPI_ISL_453083|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1138/2020|2020-04-01|EPI_ISL_447889|Original|hCoV-19^^California|Human|University of California|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/QEUEH-95E046/2020|2020-08-07|EPI_ISL_537022|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292744-01/2020|2020-12-21|EPI_ISL_769923|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Bermuda/205081299/2020|2020-11-04|EPI_ISL_780408|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Spike|hCoV-19/England/QEUEH-9C8153/2020|2020-09-11|EPI_ISL_567193|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C1334/2020|2020-04-18|EPI_ISL_492915|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1282/2020|2020-08-25|EPI_ISL_541214|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000040/2020|2020-03-11|EPI_ISL_631535|Original|hCoV-19^^New York|Human|NYC Department Of Health And Mental Hygiene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC12968/2020|2020-08-01|EPI_ISL_592128|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-1781/2020|2020-07-06|EPI_ISL_618189|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9D8F83/2020|2020-09-18|EPI_ISL_576686|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0022/2020|2020-03-17|EPI_ISL_515309|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/WA-UW-1552/2020|2020-03-19|EPI_ISL_423015|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-2831C4/2020|2020-03-30|EPI_ISL_488578|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4083/2020|2020-08-31|EPI_ISL_535173|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21357/2020|2020-04-03|EPI_ISL_507611|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21532/2020|2020-04-05|EPI_ISL_516259|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13121/2020|2020-08-29|EPI_ISL_788272|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-A4C5D2/2020|2020-10-07|EPI_ISL_595983|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2044/2020|2020-07-27|EPI_ISL_618269|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A655C4/2020|2020-10-10|EPI_ISL_608398|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD46FA/2020|2020-10-26|EPI_ISL_634525|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D086/2020|2020-12-10|EPI_ISL_731207|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D3A15/2020|2020-04-17|EPI_ISL_529351|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1058/2020|2020-05-14|EPI_ISL_462903|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/NM-DOH-2020631642/2020|2020-12-19|EPI_ISL_766906|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/QEUH-9651B2/2020|2020-08-13|EPI_ISL_536832|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A9E999/2020|2020-10-20|EPI_ISL_625376|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12075/2020|2020-12-05|EPI_ISL_791403|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-321091/2020|2020-10-14|EPI_ISL_737704|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-B66085/2020|2020-11-09|EPI_ISL_655957|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B060/2020|2020-12-06|EPI_ISL_742287|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F8E2/2020|2020-10-12|EPI_ISL_611906|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD570/2020|2020-09-16|EPI_ISL_566389|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3102/2020|2020-10-22|EPI_ISL_623881|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34795/2020|2020-04-20|EPI_ISL_446973|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1483/2020|2020-03-17|EPI_ISL_518877|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NORW-EFD3D/2020|2020-00-00|EPI_ISL_549370|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/CVR4523/2020|2020-09-22|EPI_ISL_585383|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Belgium/reg-0426604/2020|2020-04-26|EPI_ISL_734654|Original|hCoV-19^^Comines-Warneton|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-6071/2020|2020-07-04|EPI_ISL_547212|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-A618DE/2020|2020-10-10|EPI_ISL_628641|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13719/2020|2020-11-30|EPI_ISL_712981|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B7ACA8/2020|2020-11-12|EPI_ISL_723956|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20134065804/2020|2020-03-24|EPI_ISL_423153|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1857/2020|2020-04-10|EPI_ISL_613758|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/LA-EVTL642/2020|2020-08-06|EPI_ISL_579046|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Canada/UN-CRCHUM-PreFreeze-5/2020|2020-09-04|EPI_ISL_667762|Original|hCoV-19^^Canada|Human|Microbiology|Microbiology|Benoit, P.|Canada

>Spike|hCoV-19/USA/NY-QDX-880/2020|2020-03-16|EPI_ISL_571681|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-9D013A/2020|2020-09-15|EPI_ISL_589907|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17129/2020|2020-12-14|EPI_ISL_750227|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-UHTC_0010/2020|2020-03-26|EPI_ISL_464052|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/MILK-A7A81E/2020|2020-10-15|EPI_ISL_606604|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD30EE/2020|2020-10-26|EPI_ISL_634166|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B96A/2020|2020-11-08|EPI_ISL_655505|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6296/2020|2020-07-00|EPI_ISL_689407|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH0104/2020|2020-03-20|EPI_ISL_434809|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9554DA/2020|2020-06-12|EPI_ISL_553517|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C30A3A/2020|2020-12-10|EPI_ISL_731341|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED8AE/2020|2020-05-08|EPI_ISL_580696|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-2554/2020|2020-00-00|EPI_ISL_561275|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/India/DL-NCDC5719-CSIR-IGIB/2020|2020-05-23|EPI_ISL_482610|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Wales/PHWC-484C1B/2020|2020-10-17|EPI_ISL_627094|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-22156/2020|2020-06-04|EPI_ISL_623085|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Spain/VC-IBV-98003527/2020|2020-03-27|EPI_ISL_537960|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B1B0BC/2020|2020-11-01|EPI_ISL_645647|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2898/2020|2020-10-02|EPI_ISL_596429|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-A41B62/2020|2020-10-07|EPI_ISL_609331|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C0113D/2020|2020-12-05|EPI_ISL_757235|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC283/2020|2020-04-05|EPI_ISL_428797|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Japan/PG-1776/2020|2020-04-00|EPI_ISL_685382|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20168032404/2020|2020-04-16|EPI_ISL_466608|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A82F5A/2020|2020-10-13|EPI_ISL_610854|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6511CB/2020|2020-07-04|EPI_ISL_558033|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79E2C/2020|2020-10-15|EPI_ISL_606858|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42186767/2020|2020-03-11|EPI_ISL_528018|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Italy/CAM-INTPas-16/2020|2020-03-31|EPI_ISL_775243|Original|hCoV-19^^Campania|Human|INT Fondazione Pascale|INT Fondazione Pascale|Rachiglio|Italy

>Spike|hCoV-19/England/QEUH-AD1B3A/2020|2020-10-24|EPI_ISL_633791|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-224/2020|2020-12-10|EPI_ISL_722456|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUI-B7CF61/2020|2020-11-14|EPI_ISL_741833|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2377/2020|2020-05-15|EPI_ISL_775746|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/OXON-F40F44/2020|2020-12-14|EPI_ISL_764556|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1883/2020|2020-05-04|EPI_ISL_622581|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14821/2020|2020-10-13|EPI_ISL_786305|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20205/2020|2020-04-24|EPI_ISL_447176|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Singapore/1257/2020|2020-05-03|EPI_ISL_648675|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-90456E/2020|2020-06-24|EPI_ISL_551515|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99D421/2020|2020-08-31|EPI_ISL_550649|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2567/2020|2020-04-16|EPI_ISL_484603|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-83542/2020|2020-04-15|EPI_ISL_443462|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/OXON-B10B3/2020|2020-04-17|EPI_ISL_478994|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUI-9C9574/2020|2020-09-10|EPI_ISL_567483|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18971/2020|2020-11-26|EPI_ISL_785255|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2EA3A7/2020|2020-00-00|EPI_ISL_665480|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0F9B/2020|2020-11-23|EPI_ISL_704863|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACCF18/2020|2020-10-21|EPI_ISL_634368|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG366740/2020|2020-06-02|EPI_ISL_694497|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-72E2D/2020|2020-03-20|EPI_ISL_439968|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97010116/2020|2020-11-16|EPI_ISL_683608|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/India/GJ-GBRC340/2020|2020-07-09|EPI_ISL_514437|Original|hCoV-19^^Gujarat|Human|Dr. RSS Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUEH-B1398C/2020|2020-11-02|EPI_ISL_641724|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-320530/2020|2020-10-13|EPI_ISL_737897|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Peru/ANC-INS-059/2020|2020-04-02|EPI_ISL_517687|Original|hCoV-19^^Ancash|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru

>Spike|hCoV-19/Brazil/SP-776/2020|2020-07-01|EPI_ISL_776764|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Santo Andre|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-14979/2020|2020-11-23|EPI_ISL_713316|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49A73F/2020|2020-12-02|EPI_ISL_727589|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B07E04/2020|2020-10-29|EPI_ISL_643528|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/VSL-0407279/2020|2020-04-06|EPI_ISL_464073|Original|hCoV-19^^Vloesberg|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-94D4C6/2020|2020-06-16|EPI_ISL_553536|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20484/2020|2020-12-21|EPI_ISL_759178|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-999C2D/2020|2020-08-29|EPI_ISL_550283|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5054/2020|2020-07-17|EPI_ISL_519857|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2556/2020|2020-06-17|EPI_ISL_497188|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/India/OR-ILSCV34480/2020|2020-06-09|EPI_ISL_481184|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/QEUEH-9F4A08/2020|2020-09-25|EPI_ISL_588390|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-A47D57/2020|2020-10-05|EPI_ISL_598261|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16306/2020|2020-10-31|EPI_ISL_785990|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG666172/2020|2020-05-02|EPI_ISL_696251|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-CC5F95/2020|2020-12-21|EPI_ISL_760435|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC6D4E/2020|2020-11-28|EPI_ISL_703850|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14792/2020|2020-10-13|EPI_ISL_786277|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4818DE/2020|2020-10-17|EPI_ISL_613121|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204900613/2020|2020-11-30|EPI_ISL_722976|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2104/2020|2020-04-11|EPI_ISL_468917|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-UW-383/2020|2020-03-11|EPI_ISL_570044|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-QDX-562/2020|2020-03-16|EPI_ISL_571318|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-A79ED1/2020|2020-10-15|EPI_ISL_606698|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC157/2020|2020-04-01|EPI_ISL_424964|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/LIVE-9D4A2/2020|2020-04-16|EPI_ISL_453204|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-D0151/2020|2020-04-29|EPI_ISL_475486|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/France/ARA-SC004/2020|2020-02-19|EPI_ISL_629084|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-84EFB/2020|2020-03-12|EPI_ISL_440440|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3931/2020|2020-07-29|EPI_ISL_548508|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUEH-B67FF0/2020|2020-11-11|EPI_ISL_662256|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2744/2020|2020-08-17|EPI_ISL_616489|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Mexico/TLA-INBRE-56/2020|2020-08-13|EPI_ISL_576259|Original|hCoV-19^^Tlaxcala|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/Brazil/RJ-L10-CD158/2020|2020-03-16|EPI_ISL_476180|Original|hCoV-19^^Rio de Janeiro|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Switzerland/SZ-ETHZ-310412/2020|2020-10-08|EPI_ISL_603486|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-96A2D8/2020|2020-08-13|EPI_ISL_536940|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957ECB/2020|2020-06-14|EPI_ISL_554679|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11425/2020|2020-11-02|EPI_ISL_670912|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL846/2020|2020-07-28|EPI_ISL_653537|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-PV09158/2020|2020-03-22|EPI_ISL_422525|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/BRIS-12E37B/2020|2020-04-25|EPI_ISL_481980|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1484/2020|2020-03-14|EPI_ISL_603869|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WY-WPHL-21000146/2021|2021-01-02|EPI_ISL_770497|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Wales/MILK-B02B4E/2020|2020-10-24|EPI_ISL_647838|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-65494/2020|2020-10-06|EPI_ISL_594559|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Austria/CeMM0597/2020|2020-03-15|EPI_ISL_583609|Original|hCoV-19^^Kufstein|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/MI-MDHHS-SC21444/2020|2020-03-19|EPI_ISL_507698|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Northern Ireland/NIRE-108CE5/2020|2020-10-08|EPI_ISL_627008|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUH-9E48D4/2020|2020-09-21|EPI_ISL_579863|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19790/2020|2020-11-24|EPI_ISL_784128|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-2504/2020|2020-06-05|EPI_ISL_635510|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Luxembourg/LNS8734909/2020|2020-11-16|EPI_ISL_744802|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Sweden/20-52716/2020|2020-07-07|EPI_ISL_654899|Original|hCoV-19^^Jonkoping|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-B3A239/2020|2020-11-01|EPI_ISL_658817|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR_5430/2020|2020-03-01|EPI_ISL_420794|Original|hCoV-19^^Oregon|Human|Oregon State Public Health- Virology section|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/BRIS-13024C/2020|2020-04-11|EPI_ISL_492573|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204390352/2020|2020-10-23|EPI_ISL_637144|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0257/2020|2020-05-17|EPI_ISL_698438|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/FL-BPHL-1611/2020|2020-09-04|EPI_ISL_594301|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-1B5C41/2020|2020-08-17|EPI_ISL_529660|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/LOND-D39A1/2020|2020-04-06|EPI_ISL_441017|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0164/2020|2020-03-24|EPI_ISL_498258|Original|hCoV-19^^Bangkok|Human|Hospital for Tropical Diseases|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Japan/PG-4072/2020|2020-07-00|EPI_ISL_692313|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-14882/2020|2020-11-24|EPI_ISL_739211|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Belgium/regA-0803746/2020|2020-08-03|EPI_ISL_734894|Original|hCoV-19^^Wilrijk|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-4942F8/2020|2020-11-18|EPI_ISL_726098|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Kenya/C8565/2020|2020-05-18|EPI_ISL_568868|Original|hCoV-19^^Kilifi|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/ALDP-BC7A39/2020|2020-11-23|EPI_ISL_721239|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG376069/2020|2020-06-15|EPI_ISL_694610|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/MI-UM-10036834498/2020|2020-11-07|EPI_ISL_728442|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/QEUA-9DC9DC/2020|2020-09-22|EPI_ISL_601129|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C1EF9/2020|2020-09-10|EPI_ISL_566558|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5201/2020|2020-08-00|EPI_ISL_690304|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B2EE8F/2020|2020-11-03|EPI_ISL_659950|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24733/2020|2020-11-04|EPI_ISL_647094|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-99868A/2020|2020-08-24|EPI_ISL_539965|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18636/2020|2020-11-20|EPI_ISL_784984|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Oman/RESP-20-B-2847/2020|2020-04-24|EPI_ISL_518843|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/Japan/PG-0532/2020|2020-04-00|EPI_ISL_480190|Original|hCoV-19^^Kanto|Human|Ota Health Center Welfare Section|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B3A94/2020|2020-05-27|EPI_ISL_461573|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/England/CAMB-83E56/2020|2020-04-27|EPI_ISL_438701|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C11A/2020|2020-04-04|EPI_ISL_474277|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0371/2020|2020-05-08|EPI_ISL_463127|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-1ABBAB/2020|2020-04-20|EPI_ISL_470266|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3DE40/2020|2020-12-10|EPI_ISL_731095|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02891/2020|2020-04-29|EPI_ISL_513683|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/AZ-TG569537/2020|2020-07-13|EPI_ISL_695611|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-A332B9/2020|2020-10-05|EPI_ISL_628370|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/BRIS-18533FB/2020|2020-04-06|EPI_ISL_492435|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009501/2020|2020-07-18|EPI_ISL_605185|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B1158A/2020|2020-11-02|EPI_ISL_642364|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/IMR-WI112/2020|2020-08-13|EPI_ISL_718271|Vero|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Denmark/DCGC-6640/2020|2020-10-12|EPI_ISL_619542|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-2563/2020|2020-08-20|EPI_ISL_667253|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MN-MDH-97/2020|2020-03-16|EPI_ISL_460077|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-953A8F/2020|2020-06-08|EPI_ISL_553790|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14350/2020|2020-10-07|EPI_ISL_787635|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LEED-2A8721/2020|2020-03-29|EPI_ISL_539161|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B63B3C/2020|2020-11-08|EPI_ISL_656532|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CF8C9/2020|2020-03-25|EPI_ISL_442457|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6652363/2020|2020-10-23|EPI_ISL_744445|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-9CCDF1/2020|2020-09-16|EPI_ISL_566253|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E0717/2020|2020-09-20|EPI_ISL_601327|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20144024204/2020|2020-03-26|EPI_ISL_423531|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC1067/2020|2020-04-04|EPI_ISL_430670|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-2ED14/2020|2020-04-06|EPI_ISL_446143|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20105/2020|2020-03-28|EPI_ISL_436882|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/ME-HETL-J0017/2020|2020-03-14|EPI_ISL_513430|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/TX-HMH-5366/2020|2020-06-23|EPI_ISL_544720|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0135/2020|2020-03-14|EPI_ISL_569330|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-8FFDBA/2020|2020-06-24|EPI_ISL_557164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8201/2020|2020-07-07|EPI_ISL_784260|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A2EFC9/2020|2020-10-05|EPI_ISL_587055|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AB4D5/2020|2020-08-31|EPI_ISL_551099|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20041/2020|2020-12-07|EPI_ISL_747947|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR63/2020|2020-03-13|EPI_ISL_425791|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-BC046F/2020|2020-11-22|EPI_ISL_705101|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10268/2020|2020-07-19|EPI_ISL_515075|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/India/GJ-GBRC277b/2020|2020-06-13|EPI_ISL_483879|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Canada/BC_12793935/2020|2020-04-00|EPI_ISL_467338|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/MILK-63353C/2020|2020-07-04|EPI_ISL_556165|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12049/2020|2020-11-05|EPI_ISL_791381|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/USA/VA-DCLS-1076/2020|2020-06-10|EPI_ISL_528674|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/BRIS-125268/2020|2020-03-26|EPI_ISL_444012|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9C4F7B/2020|2020-09-10|EPI_ISL_567858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13834/2020|2020-09-14|EPI_ISL_563849|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-16033/2020|2020-11-23|EPI_ISL_714549|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-2840A8/2020|2020-04-03|EPI_ISL_472264|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496CAD/2020|2020-11-23|EPI_ISL_726711|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A0B0B0/2020|2020-10-01|EPI_ISL_599319|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M780/2020|2020-06-12|EPI_ISL_495240|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/CA-CZB-6732/2020|2020-08-19|EPI_ISL_582990|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-B6C896/2020|2020-11-11|EPI_ISL_655205|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-B9FCCB/2020|2020-11-18|EPI_ISL_757283|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3351/2020|2020-07-08|EPI_ISL_521030|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-11331/2020|2020-09-03|EPI_ISL_789768|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-B02CA5/2020|2020-10-24|EPI_ISL_647812|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12211/2020|2020-07-27|EPI_ISL_591931|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1884/2020|2020-05-28|EPI_ISL_496310|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-C4862C/2020|2020-12-13|EPI_ISL_736500|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-173C9A/2020|2020-04-06|EPI_ISL_459153|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15FD64/2020|2020-04-25|EPI_ISL_472851|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C71D16/2020|2020-12-15|EPI_ISL_768981|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4529/2020|2020-10-21|EPI_ISL_666989|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORT-282C79/2020|2020-03-28|EPI_ISL_488686|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204841768/2020|2020-00-00|EPI_ISL_671333|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/LIVE-DB4244/2020|2020-10-20|EPI_ISL_650710|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LEED-2A9A27/2020|2020-04-22|EPI_ISL_538808|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2020/2020|2020-10-30|EPI_ISL_654701|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Belgium/ULG-10033/2020|2020-03-31|EPI_ISL_421207|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-9BEA82/2020|2020-09-09|EPI_ISL_568053|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20373/2020|2020-12-11|EPI_ISL_728593|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-B75D6E/2020|2020-11-12|EPI_ISL_723701|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17492/2020|2020-12-14|EPI_ISL_751023|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-GA75/2020|2020-06-18|EPI_ISL_508269|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-14620/2020|2020-10-09|EPI_ISL_787905|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B31C9E/2020|2020-11-04|EPI_ISL_646219|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2378/2020|2020-05-00|EPI_ISL_685983|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-DB4E6E/2020|2020-10-23|EPI_ISL_651149|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-C3277D/2020|2020-12-11|EPI_ISL_782547|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002215/2020|2020-07-30|EPI_ISL_515612|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMB-7A827/2020|2020-04-02|EPI_ISL_440584|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-76CD4/2020|2020-03-30|EPI_ISL_438368|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/BRIS-12A1B1/2020|2020-04-16|EPI_ISL_458457|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A0E9/2020|2020-10-15|EPI_ISL_606853|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC106/2020|2020-03-14|EPI_ISL_666686|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/VA-DCLS-0678/2020|2020-04-18|EPI_ISL_500841|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/NSW28/2020|2020-03-08|EPI_ISL_417391|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Eden|Australia

>Spike|hCoV-19/Wales/PHWC-49E1E2/2020|2020-12-07|EPI_ISL_742968|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-280191/2020|2020-09-09|EPI_ISL_560427|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-5996/2020|2020-07-00|EPI_ISL_689109|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-AB7C46/2020|2020-10-21|EPI_ISL_623738|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-100377/2020|2020-03-20|EPI_ISL_574928|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC3202/2020|2020-07-04|EPI_ISL_520888|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC317/2020|2020-03-24|EPI_ISL_420008|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B77300/2020|2020-11-12|EPI_ISL_664936|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-A9F9D4/2020|2020-10-20|EPI_ISL_650643|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10234/2020|2020-07-07|EPI_ISL_789383|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B67B29/2020|2020-11-11|EPI_ISL_661574|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/210100368/2021|2021-01-00|EPI_ISL_791250|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B27378/2020|2020-11-04|EPI_ISL_664639|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-A0C51A/2020|2020-10-01|EPI_ISL_584983|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-0873/2020|2020-00-00|EPI_ISL_684483|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MGH-00766/2020|2020-04-11|EPI_ISL_791755|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Luxembourg/LNS7186551/2020|2020-10-31|EPI_ISL_744529|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-BCBB32/2020|2020-11-27|EPI_ISL_704569|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6726/2020|2020-04-07|EPI_ISL_491607|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95207F/2020|2020-06-09|EPI_ISL_553641|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB72C/2020|2020-11-20|EPI_ISL_664381|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-A5E03/2020|2020-03-21|EPI_ISL_499625|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Brazil/RJ-2369/2020|2020-04-20|EPI_ISL_541359|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/SHEF-CEA3D/2020|2020-10-30|EPI_ISL_637585|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Uruguay/TYT-M94/2020|2020-06-26|EPI_ISL_750171|Original|hCoV-19^^Treinta y Tres|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/England/C200045642/2020|2020-11-10|EPI_ISL_664061|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22326/2020|2020-11-10|EPI_ISL_708302|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/QEUA-9DAB32/2020|2020-09-22|EPI_ISL_601116|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3693395/2020|2020-07-23|EPI_ISL_740360|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/India/KA-NCDC-4055/2020|2020-04-10|EPI_ISL_436447|Original|hCoV-19^^Karnataka|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/CAMB-751D6/2020|2020-03-19|EPI_ISL_440374|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0149/2020|2020-08-27|EPI_ISL_568543|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/QEUA-BCBA26/2020|2020-11-27|EPI_ISL_703981|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-522B8A/2020|2020-06-02|EPI_ISL_559091|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205160470/2020|2020-12-16|EPI_ISL_766419|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/QEUA-A203AD/2020|2020-10-01|EPI_ISL_599051|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5018/2020|2020-09-14|EPI_ISL_621792|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-AF5DFE/2020|2020-10-30|EPI_ISL_676482|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-22828/2020|2020-09-28|EPI_ISL_660861|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Japan/PG-3384/2020|2020-04-00|EPI_ISL_691499|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT1565/2020|2020-06-27|EPI_ISL_693575|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC5909/2020|2020-07-20|EPI_ISL_518688|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG276770/2020|2020-04-17|EPI_ISL_694131|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/LA-EVTL346/2020|2020-05-25|EPI_ISL_578752|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-PV09493/2020|2020-03-20|EPI_ISL_450165|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/ALDP-A2E293/2020|2020-10-06|EPI_ISL_586929|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9266699/2020|2020-11-19|EPI_ISL_744880|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-6664/2020|2020-07-00|EPI_ISL_687775|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/DE-DHSS-F956501/2020|2020-05-27|EPI_ISL_693695|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/USA/WI-UW-1746/2020|2020-09-17|EPI_ISL_605619|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUA-B0F006/2020|2020-11-02|EPI_ISL_641648|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20056/2020|2020-03-21|EPI_ISL_437143|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-3985/2020|2020-09-14|EPI_ISL_615755|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-3733/2020|2020-07-21|EPI_ISL_548464|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Ecuador/UEES-17/2020|2020-00-00|EPI_ISL_671991|Original|hCoV-19^^Ecuador|Human|UEES BioLab|Omics Sciences Laboratory|Fernandez Cadena|Ecuador

>Spike|hCoV-19/Canada/QC-LSPQ-L00243746/2020|2020-03-30|EPI_ISL_536375|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/LIVE-DC80DA/2020|2020-11-16|EPI_ISL_702980|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-166D6A/2020|2020-06-27|EPI_ISL_494109|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496C25/2020|2020-11-24|EPI_ISL_726704|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-04117/2020|2020-05-12|EPI_ISL_487248|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Japan/PG-7672/2020|2020-08-00|EPI_ISL_686774|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Israel/CVL-n26456/2020|2020-07-21|EPI_ISL_514303|Original|hCoV-19^^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Denmark/DCGC-18435/2020|2020-12-07|EPI_ISL_749158|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3277/2020|2020-07-00|EPI_ISL_691392|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-15CD94/2020|2020-04-21|EPI_ISL_472618|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21400/2020|2020-12-21|EPI_ISL_758146|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AAF29A/2020|2020-10-20|EPI_ISL_630731|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20189140604/2020|2020-05-01|EPI_ISL_465548|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Indonesia/JK-NIHRD-PME1264/2020|2020-06-05|EPI_ISL_747234|Original|hCoV-19^^Jakarta|Human|National Institute of Health Research and Development|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/England/ALDP-BCA5BD/2020|2020-11-23|EPI_ISL_703265|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-153/2020|2020-11-15|EPI_ISL_722646|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-9AE092/2020|2020-09-02|EPI_ISL_637590|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Norway/4696/2020|2020-10-14|EPI_ISL_635179|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Canada/BC_04701167/2020|2020-05-00|EPI_ISL_477050|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/UT-UPHL-201122069/2020|2020-04-04|EPI_ISL_623175|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/LA-EVTL1394/2020|2020-12-11|EPI_ISL_779060|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-2172/2020|2020-05-00|EPI_ISL_685777|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4954A6/2020|2020-11-22|EPI_ISL_726352|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B27396/2020|2020-11-04|EPI_ISL_664394|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-004929/2020|2020-04-07|EPI_ISL_481106|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-B5C32F/2020|2020-11-10|EPI_ISL_655949|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW996/2020|2020-10-07|EPI_ISL_591498|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Panama/333694/2020|2020-03-23|EPI_ISL_496753|Original|hCoV-19^^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/NY-Wadsworth-152197-01/2020|2020-06-25|EPI_ISL_676983|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-1602DA/2020|2020-05-20|EPI_ISL_472917|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1926/2020|2020-10-05|EPI_ISL_677335|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-UW-571/2020|2020-03-12|EPI_ISL_476906|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/WA29/2020|2020-03-21|EPI_ISL_470846|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/Spain/MD-HLP-89/2020|2020-05-02|EPI_ISL_530086|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Spain/AS-IBV-98006603/2020|2020-03-13|EPI_ISL_654647|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUA-A60BD6/2020|2020-10-12|EPI_ISL_665395|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B99B97/2020|2020-11-15|EPI_ISL_673399|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C7084/2020|2020-09-08|EPI_ISL_573276|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Australia/VIC5414/2020|2020-07-06|EPI_ISL_520177|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Belgium/UGent-181/2020|2020-10-12|EPI_ISL_634892|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
>Spike|hCoV-19/England/20194106101/2020|2020-05-05|EPI_ISL_465615|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-9C4E32/2020|2020-09-10|EPI_ISL_567693|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR2896/2020|2020-04-21|EPI_ISL_473619|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Wales/PHWC-168937/2020|2020-05-29|EPI_ISL_494307|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-6397/2020|2020-09-21|EPI_ISL_622294|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-A67DD9/2020|2020-10-09|EPI_ISL_608425|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/ORE-RII-MH3441S/2020|2020-10-07|EPI_ISL_733153|Original|hCoV-19^^Orenburg|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/England/EXET-13A8D7/2020|2020-11-07|EPI_ISL_665075|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL1015/2020|2020-08-25|EPI_ISL_653706|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Scotland/QEUH-A1EE74/2020|2020-10-01|EPI_ISL_598854|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Finland/7LS13H11/2020|2020-10-07|EPI_ISL_756024|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/USA/TX-HMH-MCoV-17967/2020|2020-11-16|EPI_ISL_786115|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-49F99E/2020|2020-12-09|EPI_ISL_743298|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-1152/2020|2020-08-18|EPI_ISL_526638|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/MILK-B05FC7/2020|2020-10-24|EPI_ISL_642913|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-82F54/2020|2020-04-12|EPI_ISL_443320|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Singapore/688/2020|2020-07-16|EPI_ISL_498586|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Denmark/DCGC-2360/2020|2020-08-10|EPI_ISL_617700|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00308/2020|2020-04-18|EPI_ISL_791717|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/WI-GMF-05641/2020|2020-06-08|EPI_ISL_471147|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-1432/2020|2020-05-11|EPI_ISL_622426|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6E2C4/2020|2020-10-15|EPI_ISL_607014|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A80D43/2020|2020-10-13|EPI_ISL_610641|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9C1B3E/2020|2020-09-10|EPI_ISL_573221|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B991B3/2020|2020-11-15|EPI_ISL_673373|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-J206/2020|2020-04-01|EPI_ISL_447569|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-CB3AD5/2020|2020-12-19|EPI_ISL_761701|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22360/2020|2020-11-12|EPI_ISL_708340|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/NY-Wadsworth-281873-01/2020|2020-12-01|EPI_ISL_754427|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-9EC10E/2020|2020-09-23|EPI_ISL_580582|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA9B1B/2020|2020-12-18|EPI_ISL_762354|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72898/2020|2020-03-24|EPI_ISL_439872|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-921C75/2020|2020-06-23|EPI_ISL_553306|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-IMB03735/2020|2020-04-09|EPI_ISL_732553|Original|hCoV-19^^Bavaria|Human|Bundeswehr Institute of Microbiology|Bundeswehr Institute of Microbiology|Antwerpen|Germany

>Spike|hCoV-19/Japan/PG-8630/2020|2020-08-00|EPI_ISL_686226|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KCDC2605/2020|2020-07-01|EPI_ISL_515008|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-19276/2020|2020-12-07|EPI_ISL_748253|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC2866/2020|2020-07-04|EPI_ISL_521697|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9D7810/2020|2020-09-18|EPI_ISL_576587|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-B820B0/2020|2020-11-14|EPI_ISL_668143|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2061/2020|2020-10-20|EPI_ISL_677231|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/Netherlands/NA_11/2020|2020-03-10|EPI_ISL_415467|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-C7BB9/2020|2020-04-07|EPI_ISL_432853|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98007711/2020|2020-09-17|EPI_ISL_582038|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/EDB1110/2020|2020-04-06|EPI_ISL_433400|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-33026-01/2020|2020-03-30|EPI_ISL_676788|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/204540967/2020|2020-11-02|EPI_ISL_678657|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1701/2020|2020-06-29|EPI_ISL_618168|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB1650/2020|2020-04-14|EPI_ISL_433105|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A05E/2020|2020-09-05|EPI_ISL_535192|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4265/2020|2020-09-07|EPI_ISL_615702|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ID-QDX-1088/2020|2020-03-19|EPI_ISL_571829|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-317A7/2020|2020-04-12|EPI_ISL_446486|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA465/2020|2020-11-23|EPI_ISL_703664|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-294A89/2020|2020-03-27|EPI_ISL_488599|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-99009884/2020|2020-08-05|EPI_ISL_660281|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-UW-8851/2020|2020-05-08|EPI_ISL_570222|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12778/2020|2020-08-19|EPI_ISL_790518|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-6011/2020|2020-09-28|EPI_ISL_621120|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A57729/2020|2020-10-08|EPI_ISL_597239|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8879/2020|2020-07-02|EPI_ISL_780806|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9EF9A9/2020|2020-09-24|EPI_ISL_594963|Original|hCoV-19^^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9E8F17/2020|2020-09-24|EPI_ISL_584178|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0746/2020|2020-06-12|EPI_ISL_526864|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-UW-22020/2020|2020-08-06|EPI_ISL_570828|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A2EA40/2020|2020-10-05|EPI_ISL_587028|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-C1307/2020|2020-06-06|EPI_ISL_528554|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Scotland/QEUA-96EF73/2020|2020-08-18|EPI_ISL_534496|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204742230/2020|2020-00-00|EPI_ISL_649932|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2342DE/2020|2020-10-15|EPI_ISL_680366|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/HI-H200545/2020|2020-11-05|EPI_ISL_753076|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUA-A4C059/2020|2020-10-08|EPI_ISL_628540|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACC5C/2020|2020-04-21|EPI_ISL_489463|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484440/2020|2020-10-23|EPI_ISL_626870|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S259/2020|2020-03-04|EPI_ISL_430113|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/BRIS-130033/2020|2020-04-11|EPI_ISL_492700|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4189/2020|2020-06-20|EPI_ISL_648875|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-82D96/2020|2020-04-14|EPI_ISL_443388|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D91D/2020|2020-11-09|EPI_ISL_723558|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
(COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-7552/2020|2020-06-25|EPI_ISL_546845|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-9CBD89/2020|2020-09-16|EPI_ISL_575591|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Chile/LI-ISPCH-3/2020|2020-03-15|EPI_ISL_445275|Original|hCoV-
19^^O'Higgins|Human|HOSPITAL CLINICO FUSAT|Instituto de Salud Publica de
Chile|Fernandez|Chile
>Spike|hCoV-19/England/CAMC-9C00D6/2020|2020-09-09|EPI_ISL_573169|Original|hCoV-
19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/QEUEH-76ECD8/2020|2020-07-15|EPI_ISL_533129|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-484950/2020|2020-10-25|EPI_ISL_627126|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/AZ-TG371441/2020|2020-05-29|EPI_ISL_694598|Original|hCoV-
19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/USA/MI-MDHHS-SC21722/2020|2020-07-16|EPI_ISL_529841|Original|hCoV-
19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan
Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/CAMB-827B6/2020|2020-04-13|EPI_ISL_443630|Original|hCoV-
19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Singapore/327/2020|2020-04-14|EPI_ISL_469081|Original|hCoV-
19^^Singapore|Human|National Public Health Laboratory|National Public Health
Laboratory|Mak|Singapore
>Spike|hCoV-19/England/QEUEH-AD12AE/2020|2020-10-26|EPI_ISL_633991|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/DE-DHSS-F917751/2020|2020-03-24|EPI_ISL_565832|Original|hCoV-
19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA
>Spike|hCoV-19/England/CAMB-1B5DC6/2020|2020-09-03|EPI_ISL_549391|Original|hCoV-
19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/QEUEH-C01434/2020|2020-12-04|EPI_ISL_720755|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-2049/2020|2020-04-06|EPI_ISL_618979|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/ALAB-HH80/2020|2020-03-16|EPI_ISL_429321|Original|hCoV-
19^^Denmark|Human|Department of Clinical Microbiology|Albertsen
lab|Kirkegaard|Denmark
>Spike|hCoV-19/USA/VA-DCLS-1038/2020|2020-06-03|EPI_ISL_526922|Original|hCoV-
19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Switzerland/BL-UHB-42191950/2020|2020-03-
15|EPI_ISL_528117|Original|hCoV-19^^Basel-Land|Human|University Hospital
Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/England/NORW-EB42D/2020|2020-05-02|EPI_ISL_457430|Original|hCoV-
19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK)
Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2012197253/2020|2020-10-20|EPI_ISL_746277|Original|hCoV-
19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health
Laboratory|Young|USA
>Spike|hCoV-19/England/ALDP-B5DEA5/2020|2020-11-09|EPI_ISL_723605|Original|hCoV-
19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust

/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Norway/3007/2020|2020-07-31|EPI_ISL_549071|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/USA/NY-PV09043/2020|2020-03-21|EPI_ISL_421606|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA
>Spike|hCoV-19/USA/NE-10838/2020|2020-05-04|EPI_ISL_466654|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA
>Spike|hCoV-19/South Korea/KDCA0164/2020|2020-11-20|EPI_ISL_747398|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spike|hCoV-19/England/CAMC-C47520/2020|2020-12-10|EPI_ISL_718940|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MN-QDX-1663/2020|2020-03-17|EPI_ISL_604002|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/QEUEH-B2CFCA/2020|2020-11-04|EPI_ISL_680093|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-8335/2020|2020-10-26|EPI_ISL_617343|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Sweden/20-14509/2020|2020-05-12|EPI_ISL_475515|Original|hCoV-19^^Vastmanland|Human|Lakargruppen|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/England/PORT-2D1F45/2020|2020-04-05|EPI_ISL_499299|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Wales/ALDP-B1A1F6/2020|2020-11-01|EPI_ISL_710962|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18077/2020|2020-12-14|EPI_ISL_749742|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Singapore/222/2020|2020-04-07|EPI_ISL_462340|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Wales/PHWC-490E9E/2020|2020-11-18|EPI_ISL_706581|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Switzerland/LU-UHB-42202805/2020|2020-03-20|EPI_ISL_418440|Original|hCoV-19^^Luzern|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/Wales/PHWC-16825A/2020|2020-04-19|EPI_ISL_494216|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC4705/2020|2020-07-16|EPI_ISL_519093|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/MILK-B39838/2020|2020-11-02|EPI_ISL_679643|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Iceland/394/2020|2020-03-19|EPI_ISL_424418|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Switzerland/LU-ETHZ-110451/2020|2020-04-07|EPI_ISL_451871|Original|hCoV-19^^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/204221513/2020|2020-09-08|EPI_ISL_593837|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42189386/2020|2020-03-13|EPI_ISL_528044|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/GCVR-171A92/2020|2020-03-27|EPI_ISL_489530|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1904/2020|2020-11-24|EPI_ISL_729320|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/BRIS-130789/2020|2020-04-12|EPI_ISL_492653|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8404/2020|2020-10-15|EPI_ISL_612353|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-812/2020|2020-04-10|EPI_ISL_545846|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-99A1D2/2020|2020-08-29|EPI_ISL_550310|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7675B/2020|2020-03-31|EPI_ISL_438382|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-A5E1F7/2020|2020-10-12|EPI_ISL_597291|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7566E/2020|2020-00-00|EPI_ISL_425419|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-A7A605/2020|2020-10-15|EPI_ISL_606886|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EE37F/2020|2020-05-06|EPI_ISL_589280|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B94EB1/2020|2020-11-13|EPI_ISL_676147|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20157/2020|2020-03-26|EPI_ISL_436868|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/VA-DCLS-2410/2020|2020-11-18|EPI_ISL_734181|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-15E873/2020|2020-05-13|EPI_ISL_472839|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11081/2020|2020-12-15|EPI_ISL_737331|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/NORT-29E885/2020|2020-04-30|EPI_ISL_493530|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/BRIS-12963B/2020|2020-04-20|EPI_ISL_458762|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-1209/2020|2020-07-24|EPI_ISL_541182|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/USA/WA-S750/2020|2020-04-13|EPI_ISL_449920|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Spain/PV-IBV-003264/2020|2020-03-17|EPI_ISL_481028|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/England/BRIS-132FAD/2020|2020-06-20|EPI_ISL_511964|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB6605/2020|2020-05-11|EPI_ISL_493962|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/Japan/PG-4111/2020|2020-07-00|EPI_ISL_692351|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUA-970169/2020|2020-08-17|EPI_ISL_540263|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-35F6F/2020|2020-04-27|EPI_ISL_474596|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A38F4/2020|2020-12-16|EPI_ISL_764588|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-5239/2020|2020-09-14|EPI_ISL_615170|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-18299/2020|2020-12-07|EPI_ISL_749872|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-MCoV-13591/2020|2020-08-21|EPI_ISL_788701|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-2417/2020|2020-08-10|EPI_ISL_617599|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QEUA-BF1993/2020|2020-12-05|EPI_ISL_710652|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR4843/2020|2020-10-02|EPI_ISL_594646|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-8729/2020|2020-07-01|EPI_ISL_780723|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/France/PAC-IHU-0200/2020|2020-03-27|EPI_ISL_569367|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/England/CAMC-A66332/2020|2020-10-11|EPI_ISL_627317|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/USA/WA-S1036/2020|2020-05-03|EPI_ISL_463526|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Scotland/CVR4201/2020|2020-08-30|EPI_ISL_540869|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-96B6F9/2020|2020-08-14|EPI_ISL_531411|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5062/2020|2020-06-24|EPI_ISL_544497|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12799/2020|2020-08-19|EPI_ISL_790532|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6FA43/2020|2020-10-15|EPI_ISL_607788|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4459/2020|2020-06-17|EPI_ISL_543636|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-BB5658/2020|2020-11-20|EPI_ISL_710701|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13527/2020|2020-08-21|EPI_ISL_788652|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LEED-2AA130/2020|2020-03-12|EPI_ISL_538933|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AA19/2020|2020-08-10|EPI_ISL_539680|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/United Arab Emirates/0954/2020|2020-06-28|EPI_ISL_699090|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/New Zealand/20VR1797/2020|2020-03-23|EPI_ISL_456256|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Denmark/DCGC-5872/2020|2020-09-28|EPI_ISL_621059|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BE-ETHZ-400055/2020|2020-12-05|EPI_ISL_729111|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/MILK-9D3F88/2020|2020-09-18|EPI_ISL_601726|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-952F09/2020|2020-06-11|EPI_ISL_553694|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48993D/2020|2020-10-24|EPI_ISL_652427|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-98002337/2020|2020-03-26|EPI_ISL_537850|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A2D7B3/2020|2020-10-06|EPI_ISL_586807|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CF53B/2020|2020-04-27|EPI_ISL_475479|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1013D8/2020|2020-04-30|EPI_ISL_482096|Original|hCoV-19^^Northern Ireland|Human|Regional Virus

Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-9DE71C/2020|2020-09-21|EPI_ISL_601223|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/ZH-UZH-IMV109/2020|2020-12-20|EPI_ISL_730626|Original|hCoV-19^^Zurich|Human|M\u00e4nnedorf Hospital|Institute of Medical Virology|Schmutz|Switzerland
>Spike|hCoV-19/Singapore/1499/2020|2020-12-22|EPI_ISL_754108|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Netherlands/NA_505/2020|2020-03-26|EPI_ISL_460678|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/NY-Wadsworth-241579-01/2020|2020-10-09|EPI_ISL_734332|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Scotland/CVR5790/2020|2020-11-09|EPI_ISL_680447|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/QEUH-95FDF3/2020|2020-08-04|EPI_ISL_531910|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/VD-ETHZ-321462/2020|2020-10-14|EPI_ISL_603677|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/CAMC-B082BC/2020|2020-10-29|EPI_ISL_643637|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AD389B/2020|2020-10-26|EPI_ISL_633913|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-B43349/2020|2020-11-08|EPI_ISL_657132|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-A4B67/2020|2020-03-13|EPI_ISL_499942|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Canada/ON-E31/2020|2020-05-25|EPI_ISL_593509|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada
>Spike|hCoV-19/Scotland/QEUH-A9EBDF/2020|2020-10-20|EPI_ISL_625315|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-AAE51A/2020|2020-10-22|EPI_ISL_624049|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20149014604/2020|2020-04-03|EPI_ISL_466160|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Netherlands/NH-RIVM-20232/2020|2020-12-01|EPI_ISL_723382|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/UT-UPHL-2012460409/2020|2020-10-23|EPI_ISL_745540|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/204642473/2020|2020-11-11|EPI_ISL_683517|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England/LEED-2AA060/2020|2020-04-08|EPI_ISL_538875|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health

England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AD23D7/2020|2020-10-26|EPI_ISL_634043|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/ALDP-BE8E54/2020|2020-12-03|EPI_ISL_710647|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13604/2020|2020-08-21|EPI_ISL_788714|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-10392/2020|2020-07-08|EPI_ISL_789448|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-19599/2020|2020-11-28|EPI_ISL_783969|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/BIRM-605C3/2020|2020-05-28|EPI_ISL_477733|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/Wales/PHWC-492685/2020|2020-11-20|EPI_ISL_725681|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Russia/OMS-ORINFI-3818S/2020|2020-06-02|EPI_ISL_639926|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/England/EXET-13E642/2020|2020-00-00|EPI_ISL_724338|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-21357/2020|2020-12-21|EPI_ISL_759699|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/NSW1083/2020|2020-08-08|EPI_ISL_593712|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Japan/PG-5037/2020|2020-07-00|EPI_ISL_690148|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUH-9D2D9E/2020|2020-09-19|EPI_ISL_584810|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/NORW-E6ECA/2020|2020-04-20|EPI_ISL_448989|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-19288/2020|2020-12-07|EPI_ISL_748866|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Mexico/BCN-ALSR-2544/2020|2020-06-26|EPI_ISL_635547|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico
>Spike|hCoV-19/USA/AZ-QDX-1802/2020|2020-03-17|EPI_ISL_604095|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/ME-HETL-J0108/2020|2020-08-27|EPI_ISL_755312|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/Wales/PHWC-48BCAB/2020|2020-10-31|EPI_ISL_666343|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-49C375/2020|2020-11-18|EPI_ISL_742547|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B52F9E/2020|2020-11-09|EPI_ISL_657691|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1713/2020|2020-08-24|EPI_ISL_693640|Original|hCoV-19^^Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-96373A/2020|2020-08-10|EPI_ISL_531759|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-227/2020|2020-07-02|EPI_ISL_699881|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/NORW-E9FE2/2020|2020-05-02|EPI_ISL_448383|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Jordan/AQ-ALSR-5242/2020|2020-10-06|EPI_ISL_730480|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/ALDP-9BE9D0/2020|2020-09-10|EPI_ISL_568093|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-USAFSAM-S019/2020|2020-04-01|EPI_ISL_512793|Original|hCoV-19^^Florida|Human|Public Health|Public Health|Fries|USA

>Spike|hCoV-19/USA/CA-ALSR-4865/2020|2020-10-28|EPI_ISL_730185|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LOND-12504C4/2020|2020-10-21|EPI_ISL_665213|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0822/2020|2020-05-15|EPI_ISL_568979|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMB-7FD23/2020|2020-04-18|EPI_ISL_444406|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Canada/ON-S77/2020|2020-03-19|EPI_ISL_586440|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUH-B41387/2020|2020-11-08|EPI_ISL_658541|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B5F84/2020|2020-09-15|EPI_ISL_573143|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-0833/2020|2020-04-00|EPI_ISL_684443|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/0406/2020|2020-05-15|EPI_ISL_698581|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-49B9FC/2020|2020-12-06|EPI_ISL_742414|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Kenya/C4214/2020|2020-06-05|EPI_ISL_568725|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300401/2020|2020-09-29|EPI_ISL_603367|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-ABB6DB/2020|2020-10-20|EPI_ISL_623418|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1245/2020|2020-05-29|EPI_ISL_644186|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-CZB-1156/2020|2020-04-26|EPI_ISL_454617|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/WA-S285/2020|2020-03-29|EPI_ISL_430139|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Zimbabwe/ZW-6983/2020|2020-05-01|EPI_ISL_644763|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/mink/Denmark/mDK-156/2020|2020-11-05|EPI_ISL_683007|Original|hCoV-19^^Denmark|Neovison vison|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SH-ETHZ-410241/2020|2020-11-27|EPI_ISL_737772|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-9D7160/2020|2020-09-20|EPI_ISL_584349|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1943/2020|2020-03-15|EPI_ISL_604226|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WI-WSLH-200364/2020|2020-04-21|EPI_ISL_578534|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/MILK-4BD271/2020|2020-06-06|EPI_ISL_559117|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E67D5/2020|2020-09-24|EPI_ISL_580358|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7D2B3/2020|2020-10-13|EPI_ISL_606377|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C606/2020|2020-11-07|EPI_ISL_666448|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8398/2020|2020-06-29|EPI_ISL_784371|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Bangladesh/NIB-01/2020|2020-05-11|EPI_ISL_447904|Original|hCoV-19^^Bangladesh|Human|National Institute of Biotechnology|National Institute of Biotechnology|Hossain|Bangladesh

>Spike|hCoV-19/Wales/PHWC-16F2CC/2020|2020-09-30|EPI_ISL_585942|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH1918S/2020|2020-09-17|EPI_ISL_602366|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-94ED7F/2020|2020-06-17|EPI_ISL_556329|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8636/2020|2020-07-01|EPI_ISL_780665|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K002847/2020|2020-09-01|EPI_ISL_602663|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-D070FD/2020|2020-12-19|EPI_ISL_781539|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC93D3/2020|2020-10-21|EPI_ISL_630101|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14603/2020|2020-10-29|EPI_ISL_739315|Original|hCoV-19^^California|Human|Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-A1E71F/2020|2020-09-29|EPI_ISL_587441|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D1F2/2020|2020-12-10|EPI_ISL_742749|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-269/2020|2020-05-21|EPI_ISL_735326|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/VA-DCLS-1018/2020|2020-06-02|EPI_ISL_526908|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/TAS16/2020|2020-04-10|EPI_ISL_522616|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-C82D1/2020|2020-04-14|EPI_ISL_448867|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/WSFT-25C1194/2020|2020-05-04|EPI_ISL_492898|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A939/2020|2020-10-15|EPI_ISL_606592|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-97C3C1/2020|2020-07-14|EPI_ISL_526302|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/PORT-2D7361/2020|2020-10-21|EPI_ISL_628332|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8480/2020|2020-07-01|EPI_ISL_780585|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B08D60/2020|2020-10-29|EPI_ISL_673011|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-953111/2020|2020-06-11|EPI_ISL_553681|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-71C547/2020|2020-07-01|EPI_ISL_557690|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84810/2020|2020-11-14|EPI_ISL_675806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AC868/2020|2020-04-07|EPI_ISL_448488|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Iceland/88/2020|2020-03-10|EPI_ISL_417675|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/CA-IGI-0442/2020|2020-07-10|EPI_ISL_677825|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/FL-BPHL-1559/2020|2020-09-09|EPI_ISL_568657|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-6DAA74/2020|2020-06-30|EPI_ISL_556106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9815/2020|2020-11-09|EPI_ISL_669201|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-7227/2020|2020-06-29|EPI_ISL_546612|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9C91BC/2020|2020-09-11|EPI_ISL_567231|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA160/2020|2020-03-21|EPI_ISL_596723|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/DCGC-4594/2020|2020-09-21|EPI_ISL_621263|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2357/2020|2020-03-00|EPI_ISL_685962|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-16124/2020|2020-10-26|EPI_ISL_785808|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0759/2020|2020-04-00|EPI_ISL_684369|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-CDC-2-3693755/2020|2020-11-06|EPI_ISL_747073|Original|hCoV-19^^Louisiana|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/BIRM-6387C/2020|2020-08-19|EPI_ISL_529313|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-AB839B/2020|2020-10-21|EPI_ISL_623332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA31A7/2020|2020-11-18|EPI_ISL_672835|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM81753386/2020|2020-11-30|EPI_ISL_753496|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/CAMC-941D12/2020|2020-07-24|EPI_ISL_556851|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2166/2020|2020-08-04|EPI_ISL_653319|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/PORT-2D1C5D/2020|2020-04-03|EPI_ISL_493659|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6526267/2020|2020-11-18|EPI_ISL_744426|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S2220/2020|2020-06-08|EPI_ISL_497648|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-ALSR-3258/2020|2020-09-06|EPI_ISL_635934|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/SG-ETHZ-390432/2020|2020-11-04|EPI_ISL_729076|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-18307/2020|2020-11-17|EPI_ISL_784655|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-AF5550/2020|2020-10-30|EPI_ISL_662897|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CADB08/2020|2020-12-20|EPI_ISL_760811|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42402248/2020|2020-08-19|EPI_ISL_581972|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-2979/2020|2020-09-02|EPI_ISL_635768|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Northern Ireland/QEUA-96207C/2020|2020-08-10|EPI_ISL_531696|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/Titel-059642304/2020|2020-04-22|EPI_ISL_676598|Original|hCoV-19^^Titel|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/England/ALDP-A51BE7/2020|2020-10-07|EPI_ISL_598217|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/7May75S23/2020|2020-05-07|EPI_ISL_481717|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-B8C3F9/2020|2020-11-13|EPI_ISL_674291|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8CB3D/2020|2020-11-13|EPI_ISL_675827|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-960A70/2020|2020-08-06|EPI_ISL_531999|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3251/2020|2020-06-00|EPI_ISL_691366|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-GBCL-26556576/2020|2020-04-14|EPI_ISL_485203|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Wuhan/HB-WH6-247/2020|2020-03-15|EPI_ISL_454984|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Denmark/DCGC-21330/2020|2020-12-21|EPI_ISL_758858|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AFD74/2020|2020-05-11|EPI_ISL_452879|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/AZ-TG276173/2020|2020-04-10|EPI_ISL_694096|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-49A40B/2020|2020-12-02|EPI_ISL_727542|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-992E3D/2020|2020-08-26|EPI_ISL_552044|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUB-9F63CF/2020|2020-09-25|EPI_ISL_588951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B011A/2020|2020-05-06|EPI_ISL_448111|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-83937/2020|2020-04-15|EPI_ISL_443383|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0408/2020|2020-04-23|EPI_ISL_467802|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-A6E18B/2020|2020-10-15|EPI_ISL_607652|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4989/2020|2020-07-16|EPI_ISL_519793|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-S107/2020|2020-03-21|EPI_ISL_586284|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUB-B404C1/2020|2020-11-08|EPI_ISL_657106|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1706-8239/2020|2020-08-15|EPI_ISL_753997|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUB-AE1E3E/2020|2020-10-27|EPI_ISL_633628|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201217823/2020|2020-04-06|EPI_ISL_672534|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/MD-HLP-73/2020|2020-05-22|EPI_ISL_530072|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Spain/MD-IBV-003659/2020|2020-04-01|EPI_ISL_467208|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUB-B3FB39/2020|2020-11-08|EPI_ISL_658680|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99326/2020|2020-11-15|EPI_ISL_673296|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/N00120/2020|2020-06-23|EPI_ISL_622991|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-815/2020|2020-04-20|EPI_ISL_614708|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9835FE/2020|2020-07-21|EPI_ISL_529306|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Hungary/US-57479w/2020|2020-10-01|EPI_ISL_677782|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Denmark/DCGC-17172/2020|2020-12-14|EPI_ISL_750336|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-NMDOH-2020327026/2020|2020-09-03|EPI_ISL_569643|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/WA-UW-9190/2020|2020-05-15|EPI_ISL_570229|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-9CD8D1/2020|2020-09-16|EPI_ISL_566225|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0152/2020|2020-11-16|EPI_ISL_747386|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/WA-S1017/2020|2020-04-30|EPI_ISL_463507|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMB-71AEE/2020|2020-03-31|EPI_ISL_439578|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002552/2020|2020-07-30|EPI_ISL_535421|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-S-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/India/MH-ACTREC-521/2020|2020-08-21|EPI_ISL_700167|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/UT-UPHL-201214906/2020|2020-12-01|EPI_ISL_684021|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR4418/2020|2020-09-19|EPI_ISL_585292|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2338/2020|2020-05-31|EPI_ISL_545252|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2154/2020|2020-02-27|EPI_ISL_506948|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-6C7843/2020|2020-07-01|EPI_ISL_556113|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2321/2020|2020-06-11|EPI_ISL_496953|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Belgium/UGent-77/2020|2020-03-25|EPI_ISL_468728|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Denmark/ALAB-HH-213/2020|2020-04-27|EPI_ISL_452068|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Scotland/QEUEH-963530/2020|2020-08-10|EPI_ISL_531862|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4818/2020|2020-10-26|EPI_ISL_635076|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Brazil/RJ-00486/2020|2020-10-26|EPI_ISL_717880|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-ALSR-2814/2020|2020-07-24|EPI_ISL_635693|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-2374/2020|2020-05-15|EPI_ISL_513814|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/20146001804/2020|2020-04-01|EPI_ISL_466012|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD394/2020|2020-09-15|EPI_ISL_566178|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F3C6D/2020|2020-09-24|EPI_ISL_588718|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C804D3/2020|2020-12-17|EPI_ISL_762806|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D96A4/2020|2020-04-14|EPI_ISL_487642|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486BC1/2020|2020-10-27|EPI_ISL_639116|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-S1769/2020|2020-11-08|EPI_ISL_755770|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUA-9C8AC1/2020|2020-09-11|EPI_ISL_567097|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12838/2020|2020-10-20|EPI_ISL_648484|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/MD-IBV-99012368/2020|2020-11-21|EPI_ISL_780009|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/VA-DCLS-1764/2020|2020-09-10|EPI_ISL_644858|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/France/PDL-SC652/2020|2020-04-20|EPI_ISL_666721|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-B96A15/2020|2020-11-13|EPI_ISL_676035|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-10-8/2020|2020-06-07|EPI_ISL_522990|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/cat/USA/TX-TAMU-078/2020|2020-07-29|EPI_ISL_699509|Original|hCoV-19^^Texas|Felis catus|Diagnostic Virology Laboratory|Diagnostic Virology Laboratory|Torchetti|USA

>Spike|hCoV-19/New Zealand/20VR2935/2020|2020-00-00|EPI_ISL_579359|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/C200044530/2020|2020-11-06|EPI_ISL_664028|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-ACBCD6/2020|2020-10-20|EPI_ISL_629307|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7420/2020|2020-06-30|EPI_ISL_546754|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7F4E2/2020|2020-04-08|EPI_ISL_470448|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20690/2020|2020-05-20|EPI_ISL_471714|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/NSW162/2020|2020-03-23|EPI_ISL_427758|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-19912/2020|2020-12-07|EPI_ISL_747862|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC_AM1/2020|2020-04-09|EPI_ISL_476508|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Wales/PHWC-4A029F/2020|2020-12-04|EPI_ISL_743421|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5220/2020|2020-06-26|EPI_ISL_544605|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-954ABB/2020|2020-06-11|EPI_ISL_553555|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036147209/2020|2020-09-26|EPI_ISL_590725|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-BAADD9/2020|2020-11-18|EPI_ISL_783204|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B373C0/2020|2020-11-05|EPI_ISL_645253|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6151/2020|2020-07-22|EPI_ISL_518162|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B32B72/2020|2020-11-05|EPI_ISL_659694|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42216174/2020|2020-04-01|EPI_ISL_581668|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-AC5D06/2020|2020-10-14|EPI_ISL_631189|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1562/2020|2020-05-04|EPI_ISL_456492|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/NOTT-112EF1/2020|2020-08-10|EPI_ISL_514454|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-PV09370/2020|2020-03-19|EPI_ISL_450055|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Netherlands/NA_243/2020|2020-03-29|EPI_ISL_422777|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR3421/2020|2020-05-07|EPI_ISL_456842|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/GR-RIVM-20835/2020|2020-12-15|EPI_ISL_790890|Original|hCoV-19^^Groningen|Human|Dutch COVID-19 response

team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Denmark/DCGC-17242/2020|2020-12-14|EPI_ISL_750850|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WI-GMF-28119/2020|2020-10-27|EPI_ISL_661007|Original|hCoV-
19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research
Institute|Kenny|USA
>Spike|hCoV-19/Jordan/AM-ALSR-3954/2020|2020-09-30|EPI_ISL_636317|Original|hCoV-
19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps
Research|Gangavarapu|Jordan
>Spike|hCoV-19/USA/TX-HMH-7894/2020|2020-06-30|EPI_ISL_545686|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-C3A8FA/2020|2020-12-09|EPI_ISL_731639|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr238236/2020|2020-12-
22|EPI_ISL_770525|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of
Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania
>Spike|hCoV-19/USA/TX-HMH-6426/2020|2020-07-05|EPI_ISL_545989|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-92CF44/2020|2020-06-20|EPI_ISL_551486|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL747/2020|2020-07-20|EPI_ISL_653438|Original|hCoV-
19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome
Sequencing Center|Kamil|USA
>Spike|hCoV-19/Spain/MD-IBV-003660/2020|2020-04-01|EPI_ISL_467222|Original|hCoV-
19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-
SPAIN consortium|IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/USA/UT-02227/2020|2020-04-14|EPI_ISL_436925|Original|hCoV-
19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/QEUEH-9F4D3C/2020|2020-09-25|EPI_ISL_600739|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS9787705/2020|2020-12-02|EPI_ISL_770977|Original|hCoV-
19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de
sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/MI-MDHHS-SC21221/2020|2020-04-06|EPI_ISL_507477|Original|hCoV-
19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan
Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Denmark/DCGC-3867/2020|2020-09-07|EPI_ISL_615585|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/20132035304/2020|2020-03-24|EPI_ISL_423776|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-9CB606/2020|2020-09-16|EPI_ISL_575650|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-960/2020|2020-04-07|EPI_ISL_545934|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/201090682/2020|2020-03-05|EPI_ISL_464597|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/BRIS-126D48/2020|2020-04-08|EPI_ISL_459076|Original|hCoV-
19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for
the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9E8A52/2020|2020-09-24|EPI_ISL_638275|Original|hCoV-
19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)
Consortium|Robson|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98008378/2020|2020-10-15|EPI_ISL_654579|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/SHEF-10D83E7/2020|2020-12-07|EPI_ISL_727987|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-A23E9A/2020|2020-10-04|EPI_ISL_650568|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/NSW619/2020|2020-06-19|EPI_ISL_490028|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WI-UW-1369/2020|2020-09-08|EPI_ISL_536740|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Germany/BY-MVP-0098/2020|2020-04-04|EPI_ISL_452104|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/ALDP-B45E64/2020|2020-11-07|EPI_ISL_656323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4044/2020|2020-04-15|EPI_ISL_473794|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/HI-H200577/2020|2020-09-24|EPI_ISL_753104|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/CA-ALSR-4474/2020|2020-09-24|EPI_ISL_649051|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Italy/LAZ-INMI-103/2020|2020-11-20|EPI_ISL_721626|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/Denmark/DCGC-22345/2020|2020-12-14|EPI_ISL_758693|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC243/2020|2020-03-30|EPI_ISL_428757|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-2A686/2020|2020-04-07|EPI_ISL_445602|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A20291/2020|2020-10-01|EPI_ISL_587644|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-082/2020|2020-05-21|EPI_ISL_699738|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-6604/2020|2020-08-00|EPI_ISL_687716|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-2078/2020|2020-10-31|EPI_ISL_683707|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/NY-Wadsworth-142311-01/2020|2020-06-16|EPI_ISL_676701|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/UT-03945/2020|2020-04-17|EPI_ISL_470679|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-ALSR-1014-SAN/2020|2020-04-19|EPI_ISL_483462|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/ME-HETL-J0442/2020|2020-12-17|EPI_ISL_755541|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/ALDP-95A8CA/2020|2020-06-13|EPI_ISL_553439|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD50BF/2020|2020-10-26|EPI_ISL_634048|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB762A/2020|2020-10-20|EPI_ISL_623318|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-302/2020|2020-10-05|EPI_ISL_631305|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0r Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/TX-HMH-2119/2020|2020-05-20|EPI_ISL_545130|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/957/2020|2020-04-08|EPI_ISL_538491|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Australia/NSW107/2020|2020-03-26|EPI_ISL_427772|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/CT-Yale-525/2020|2020-11-04|EPI_ISL_729742|Original|hCoV-19^^Connecticut|Human|Yale Pathology Lab|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-3584/2020|2020-08-31|EPI_ISL_616225|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8022/2020|2020-08-13|EPI_ISL_564807|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-9BFC1/2020|2020-03-25|EPI_ISL_449497|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6293/2020|2020-10-05|EPI_ISL_620053|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-MDH-0437/2020|2020-11-10|EPI_ISL_666804|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/MILK-AB7D8F/2020|2020-10-21|EPI_ISL_623406|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2543/2020|2020-03-14|EPI_ISL_604832|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-B9FF59/2020|2020-11-18|EPI_ISL_719729|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A326/2020|2020-12-09|EPI_ISL_731074|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-PODV-15940388/2020|2020-08-25|EPI_ISL_788956|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/USA/TX-HMH-MCoV-15405/2020|2020-10-21|EPI_ISL_786889|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/DRC/10324/2020|2020-05-22|EPI_ISL_527545|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/MI-MDHHS-SC20640/2020|2020-04-24|EPI_ISL_462722|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-CEC73/2020|2020-05-10|EPI_ISL_475472|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20528/2020|2020-12-04|EPI_ISL_728743|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Australia/NSW1212/2020|2020-11-19|EPI_ISL_672656|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/IC-0112/2020|2020-07-00|EPI_ISL_591453|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-28C1D/2020|2020-04-01|EPI_ISL_445419|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12BC37/2020|2020-05-15|EPI_ISL_469355|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10505/2020|2020-07-08|EPI_ISL_789505|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-A0BA1C/2020|2020-10-03|EPI_ISL_599471|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C6AC/2020|2020-11-05|EPI_ISL_666456|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1658/2020|2020-04-27|EPI_ISL_622407|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15673/2020|2020-11-23|EPI_ISL_713955|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/UR-ETHZ-300265/2020|2020-09-30|EPI_ISL_603297|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MN-MDH-2209/2020|2020-12-01|EPI_ISL_770783|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Netherlands/GE-EMC-346/2020|2020-10-19|EPI_ISL_632745|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9EF7CD/2020|2020-09-23|EPI_ISL_594942|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20390/2020|2020-12-07|EPI_ISL_728610|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Luxembourg/LNS4046187/2020|2020-10-19|EPI_ISL_740408|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/mink/Netherlands/NB-EMC-6-17/2020|2020-05-30|EPI_ISL_523102|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORT-292ECB/2020|2020-05-16|EPI_ISL_472285|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3868/2020|2020-06-30|EPI_ISL_636251|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-B96972/2020|2020-11-13|EPI_ISL_676211|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7AD82/2020|2020-04-08|EPI_ISL_433873|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1659/2020|2020-07-05|EPI_ISL_594348|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-ALSR-2638/2020|2020-07-12|EPI_ISL_635604|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-S2460/2020|2020-06-16|EPI_ISL_497092|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-48CAEC/2020|2020-11-04|EPI_ISL_666505|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204742204/2020|2020-00-00|EPI_ISL_649913|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9CCD00/2020|2020-09-16|EPI_ISL_566152|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1661/2020|2020-03-20|EPI_ISL_424194|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-9B5D82/2020|2020-08-29|EPI_ISL_572958|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0501/2020|2020-06-21|EPI_ISL_560945|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Spain/VC-IBV-98003453/2020|2020-04-03|EPI_ISL_539260|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Italy/ABR-IZSGC-TE6202/2020|2020-03-23|EPI_ISL_528927|Original|hCoV-19^^Abruzzo|Human|Ospedale \Giuseppe Mazzini\ -Teramo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/England/QEUEH-9D0EAC/2020|2020-09-15|EPI_ISL_589881|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15547/2020|2020-10-26|EPI_ISL_787031|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B99CE/2020|2020-11-07|EPI_ISL_664454|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-55ED52/2020|2020-06-11|EPI_ISL_558306|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-64723/2020|2020-09-23|EPI_ISL_594510|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4510/2020|2020-06-19|EPI_ISL_543680|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-A64D3/2020|2020-03-18|EPI_ISL_499715|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2181/2020|2020-05-26|EPI_ISL_513731|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Bahrain/03/2020|2020-06-23|EPI_ISL_486888|Original|hCoV-19^^Bahrain|Human|National Influenza Center|National Influenza Center|Altaif|Bahrain

>Spike|hCoV-19/Northern Ireland/NIRE-108BE8/2020|2020-10-07|EPI_ISL_627544|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUEH-9AE37B/2020|2020-09-02|EPI_ISL_638636|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-S1100/2020|2020-05-04|EPI_ISL_463590|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-C3AC0D/2020|2020-12-09|EPI_ISL_731863|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE-13672306/2020|2020-11-09|EPI_ISL_745253|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|y|Korneenko|Russia

>Spike|hCoV-19/Norway/2805/2020|2020-06-27|EPI_ISL_493370|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-B23E4E/2020|2020-11-04|EPI_ISL_646189|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13148/2020|2020-11-30|EPI_ISL_712143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8379/2020|2020-10-26|EPI_ISL_617364|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/149/2020|2020-03-18|EPI_ISL_443241|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-A79E0E/2020|2020-10-15|EPI_ISL_606823|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0416/2020|2020-12-00|EPI_ISL_736922|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/0626/2020|2020-05-15|EPI_ISL_698782|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/NORT-2941A2/2020|2020-07-27|EPI_ISL_573340|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0991/2020|2020-07-02|EPI_ISL_517881|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-S815/2020|2020-04-17|EPI_ISL_449985|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Germany/BB-ChVir-W1423-8226/2020|2020-06-19|EPI_ISL_753855|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/ALDP-6CB4D2/2020|2020-07-02|EPI_ISL_556277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48EDF0/2020|2020-11-11|EPI_ISL_681008|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5109/2020|2020-08-00|EPI_ISL_690218|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-5857/2020|2020-06-29|EPI_ISL_547067|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUI-BCE513/2020|2020-11-26|EPI_ISL_704212|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0380/2020|2020-11-00|EPI_ISL_721620|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A2637/2020|2020-12-15|EPI_ISL_743919|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1359/2020|2020-04-14|EPI_ISL_579736|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/CAMC-A58C47/2020|2020-10-07|EPI_ISL_597156|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94CC65/2020|2020-06-15|EPI_ISL_555990|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-E69b/2020|2020-04-03|EPI_ISL_770822|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Israel/2023920/2020|2020-03-17|EPI_ISL_447408|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/USA/MA-MGH-02702/2020|2020-09-23|EPI_ISL_765591|Original|hCoV-19^^Massachusetts|Human|Brigham and Womens Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-489487/2020|2020-10-26|EPI_ISL_639579|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18571/2020|2020-12-07|EPI_ISL_750052|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH725/2020|2020-04-16|EPI_ISL_513227|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/France/PAC-IHU-0975/2020|2020-07-22|EPI_ISL_569022|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Scotland/EDB2723/2020|2020-03-27|EPI_ISL_487728|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21961/2020|2020-03-20|EPI_ISL_566012|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-QDX-613/2020|2020-03-18|EPI_ISL_571342|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Belgium/reg-0909931/2020|2020-09-09|EPI_ISL_734920|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-AA173F/2020|2020-10-22|EPI_ISL_624051|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-360210/2020|2020-11-09|EPI_ISL_729254|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Russia/OMS-ORINFI-9642S/2020|2020-07-27|EPI_ISL_569794|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/BRIS-12D78F/2020|2020-05-08|EPI_ISL_481889|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F26A/2020|2020-11-02|EPI_ISL_642573|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00307/2020|2020-04-24|EPI_ISL_623110|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Spain/AN-IBV-001977/2020|2020-03-15|EPI_ISL_452407|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-8509/2020|2020-10-26|EPI_ISL_625907|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8692/2020|2020-07-21|EPI_ISL_565142|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR5264/2020|2020-10-16|EPI_ISL_626758|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F5E5/2020|2020-12-08|EPI_ISL_743240|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8247/2020|2020-08-00|EPI_ISL_687346|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1243/2020|2020-05-26|EPI_ISL_482964|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-370526/2020|2020-11-19|EPI_ISL_694007|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-DBD6A9/2020|2020-10-28|EPI_ISL_664649|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Hungary/MBL-003/2020|2020-03-25|EPI_ISL_435421|Original|hCoV-19^^Balatonfured|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/USA/MA-JLL-161N/2020|2020-00-00|EPI_ISL_632300|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/England/QEUEH-9FFF4A/2020|2020-09-30|EPI_ISL_600287|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4836560/2020|2020-03-16|EPI_ISL_419588|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUEH-9F656F/2020|2020-09-27|EPI_ISL_600679|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003461/2020|2020-09-13|EPI_ISL_602795|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-S-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Germany/HH-hpi-p1519/2020|2020-03-15|EPI_ISL_776020|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WA-S1186/2020|2020-05-06|EPI_ISL_463676|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Ireland/D-NVRL-MPA71880/2020|2020-04-11|EPI_ISL_767788|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/QEUEH-A341D9/2020|2020-10-05|EPI_ISL_628421|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NOTT-120519/2020|2020-12-08|EPI_ISL_725624|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-81007/2020|2020-04-20|EPI_ISL_438555|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/UT-04139/2020|2020-05-13|EPI_ISL_493038|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUEH-BC3A00/2020|2020-11-25|EPI_ISL_704207|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11772E/2020|2020-10-23|EPI_ISL_612584|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/20140064404/2020|2020-03-30|EPI_ISL_465884|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Austria/CeMM0686/2020|2020-05-14|EPI_ISL_583646|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/SHEF-C04E2/2020|2020-03-24|EPI_ISL_420263|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-ACC965/2020|2020-10-21|EPI_ISL_634306|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204541206/2020|2020-11-04|EPI_ISL_678670|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A81E4F/2020|2020-10-12|EPI_ISL_610887|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/NP363-04/2020|2020-04-04|EPI_ISL_437436|Original|hCoV-19^^Novi Pazar|Human|Veterinary Specialized Institue Kraljevo|Veterinary Specialized Institue Kraljevo|Volkening|Serbia

>Spike|hCoV-19/Portugal/R473/2020|2020-05-28|EPI_ISL_491289|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/USA/MN-UMGC-3/2020|2020-04-02|EPI_ISL_443254|Original|hCoV-19^^Minnesota|Human|M Health Fairview|University of Minnesota Genomics Center|Garbe|USA

>Spike|hCoV-19/Wales/MILK-9E2153/2020|2020-09-20|EPI_ISL_581212|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6C7816/2020|2020-07-01|EPI_ISL_556182|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00574/2020|2020-08-07|EPI_ISL_542988|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Japan/PG-6978/2020|2020-07-00|EPI_ISL_688083|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NB-EMC-279/2020|2020-05-08|EPI_ISL_523401|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-GMF-32468/2020|2020-11-09|EPI_ISL_661147|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Scotland/EDB5682/2020|2020-05-28|EPI_ISL_473835|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Finland/S12A1/2020|2020-09-10|EPI_ISL_737061|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/UT-UPHL-04319/2020|2020-05-16|EPI_ISL_575148|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-495A3B/2020|2020-11-25|EPI_ISL_726429|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC-0316/2020|2020-09-20|EPI_ISL_671653|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-18849/2020|2020-11-26|EPI_ISL_785166|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/OCC-SC504/2020|2020-04-21|EPI_ISL_644695|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Switzerland/BE-ETHZ-270157/2020|2020-08-28|EPI_ISL_541437|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-10396/2020|2020-07-08|EPI_ISL_789450|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15779/2020|2020-07-10|EPI_ISL_785463|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SZ-ETHZ-310400/2020|2020-10-08|EPI_ISL_603474|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS1202747/2020|2020-11-25|EPI_ISL_739907|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/NSW1071/2020|2020-08-09|EPI_ISL_593659|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-26CF1/2020|2020-03-30|EPI_ISL_422261|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-B2401/2020|2020-04-02|EPI_ISL_479142|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-509248/2020|2020-06-25|EPI_ISL_559252|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/IVA-RII-MH9268S/2020|2020-10-14|EPI_ISL_733426|Original|hCoV-19^^Ivanovo|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/LIVE-9F9A1/2020|2020-06-07|EPI_ISL_472030|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-08695/2020|2020-05-26|EPI_ISL_524413|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-WSLH-200444/2020|2020-05-19|EPI_ISL_578591|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Australia/WA358/2020|2020-10-18|EPI_ISL_605835|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Brazil/SP-429/2020|2020-07-16|EPI_ISL_603022|Original|hCoV-19^^S\u00e3o Paulo|Human|Departamento de Vigil\u00e2ncia \u00e0 Sa\u00fade|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/ALDP-AA0F92/2020|2020-10-22|EPI_ISL_624541|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH003/2020|2020-03-20|EPI_ISL_515896|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/MA-MGH-03182/2020|2020-09-25|EPI_ISL_765737|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Malaysia/IMR-CV139158/2020|2020-09-01|EPI_ISL_718296|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/USA/FL-BPHL-0874/2020|2020-07-08|EPI_ISL_514220|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-1643C4/2020|2020-05-06|EPI_ISL_474170|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_57/2020|2020-03-11|EPI_ISL_415513|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-1606ED/2020|2020-04-22|EPI_ISL_472967|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB1196/2020|2020-04-08|EPI_ISL_491582|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3878/2020|2020-09-07|EPI_ISL_615596|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC-BCCDC-6452/2020|2020-10-00|EPI_ISL_740600|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/ALDP-B25E97/2020|2020-11-04|EPI_ISL_646697|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG408209/2020|2020-06-17|EPI_ISL_694945|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Singapore/1496/2020|2020-12-14|EPI_ISL_754105|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Japan/PG-1596/2020|2020-04-00|EPI_ISL_685202|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BIRM-60253/2020|2020-07-20|EPI_ISL_529421|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Nigeria/OY627-CV184/2020|2020-06-13|EPI_ISL_527911|Original|hCoV-19^^Oyo|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/New Zealand/20CV0339/2020|2020-09-10|EPI_ISL_579095|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Switzerland/SO-ETHZ-380237/2020|2020-11-21|EPI_ISL_721869|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Austria/CeMM0384/2020|2020-04-01|EPI_ISL_475826|Original|hCoV-19^^Mayrhofen|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Canada/MB-NML-1107/2020|2020-08-04|EPI_ISL_582449|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/OXON-AFA50/2020|2020-04-16|EPI_ISL_478799|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008526/2020|2020-09-10|EPI_ISL_654050|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORW-ED84D/2020|2020-00-00|EPI_ISL_490501|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-940/2020|2020-03-30|EPI_ISL_614515|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8034/2020|2020-10-26|EPI_ISL_617140|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2642/2020|2020-12-31|EPI_ISL_791157|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Germany/HH-hpi-p2354/2020|2020-03-14|EPI_ISL_776449|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-49A702/2020|2020-06-13|EPI_ISL_559435|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C060A4/2020|2020-12-05|EPI_ISL_709501|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-61717/2020|2020-04-28|EPI_ISL_493451|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUH-A0B126/2020|2020-10-01|EPI_ISL_599448|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-969FE1/2020|2020-08-15|EPI_ISL_530923|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AAC9B/2020|2020-07-29|EPI_ISL_540607|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8164261/2020|2020-10-19|EPI_ISL_744693|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Sweden/20-08147/2020|2020-03-11|EPI_ISL_430849|Original|hCoV-19^^Halland|Human|Klinisk mikrobiologi och vardhygien Halmstad|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Thailand/SI205457-NST/2020|2020-03-16|EPI_ISL_437607|unknown|hCoV-19^^Thailand|Human|unknown|Faculty of Medicine|Submitter|Thailand

>Spike|hCoV-19/England/CAMC-B52514/2020|2020-11-08|EPI_ISL_657857|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C26F0/2020|2020-09-05|EPI_ISL_566580|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-SR0270/2020|2020-04-01|EPI_ISL_445125|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/201421152/2020|2020-03-30|EPI_ISL_465955|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC10676/2020|2020-09-06|EPI_ISL_563028|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB8101/2020|2020-10-04|EPI_ISL_594828|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1134/2020|2020-08-14|EPI_ISL_526620|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NOTT-112064/2020|2020-04-06|EPI_ISL_478724|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD6A1/2020|2020-10-01|EPI_ISL_588000|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UP-NBRI-N15-TCR325/2020|2020-04-02|EPI_ISL_516944|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/England/LIVE-DC2A4B/2020|2020-11-24|EPI_ISL_705833|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B334C1/2020|2020-11-05|EPI_ISL_659131|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1520/2020|2020-05-11|EPI_ISL_468466|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/CA-ALSR-3761/2020|2020-06-05|EPI_ISL_636188|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/Donostia-San_Sebastian2087/2020|2020-04-10|EPI_ISL_468889|Original|hCoV-19^^Basque_Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-0635/2020|2020-04-06|EPI_ISL_508839|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-15903/2020|2020-11-23|EPI_ISL_714094|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48BEA5/2020|2020-10-20|EPI_ISL_666364|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B97337/2020|2020-11-14|EPI_ISL_675025|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A9FD6/2020|2020-09-01|EPI_ISL_550917|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72DF3/2020|2020-03-20|EPI_ISL_440066|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13788/2020|2020-08-17|EPI_ISL_788881|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-1885/2020|2020-09-23|EPI_ISL_644918|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-ALSR-3662/2020|2020-09-24|EPI_ISL_636135|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-A579E7/2020|2020-10-09|EPI_ISL_597479|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-SK-20H-328MM0935/2020|2020-11-24|EPI_ISL_791501|Original|hCoV-19^^Ontario|Human|The Hospital for Sick Children|The Hospital for Sick Children|Lau|Canada

>Spike|hCoV-19/Denmark/DCGC-7819/2020|2020-10-19|EPI_ISL_618795|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-QDX-2371/2020|2020-03-16|EPI_ISL_604657|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-49F0B7/2020|2020-06-01|EPI_ISL_559566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B10AC8/2020|2020-11-02|EPI_ISL_649578|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG395881/2020|2020-06-05|EPI_ISL_694726|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/South Korea/KCDC2322/2020|2020-05-26|EPI_ISL_510658|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/UT-RIVM-10161/2020|2020-00-00|EPI_ISL_547548|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-13327/2020|2020-11-30|EPI_ISL_712731|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2C8CA/2020|2020-04-01|EPI_ISL_445921|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B809E4/2020|2020-11-14|EPI_ISL_661720|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036595909/2020|2020-10-23|EPI_ISL_649997|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-14658/2020|2020-11-23|EPI_ISL_711895|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG569490/2020|2020-07-10|EPI_ISL_695581|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-1BA3DE/2020|2020-11-11|EPI_ISL_664979|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9E5879/2020|2020-09-24|EPI_ISL_589349|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC4A69/2020|2020-11-25|EPI_ISL_704023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C7B936/2020|2020-12-15|EPI_ISL_756994|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH033/2020|2020-03-11|EPI_ISL_434742|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC8006/2020|2020-08-12|EPI_ISL_564799|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-964B2E/2020|2020-08-10|EPI_ISL_531060|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B272F3/2020|2020-11-03|EPI_ISL_664373|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC5650/2020|2020-07-16|EPI_ISL_518461|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-2B834/2020|2020-04-09|EPI_ISL_445768|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4982F4/2020|2020-12-01|EPI_ISL_727054|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9C014C/2020|2020-09-09|EPI_ISL_573171|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4951AF/2020|2020-11-19|EPI_ISL_726308|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1622/2020|2020-04-00|EPI_ISL_685228|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012433014/2020|2020-08-14|EPI_ISL_746132|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/IB-IBV-2500/2020|2020-03-19|EPI_ISL_468972|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NOTT-110312/2020|2020-04-11|EPI_ISL_441499|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/UT-03782/2020|2020-04-01|EPI_ISL_509591|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/SHEF-C95C8/2020|2020-06-03|EPI_ISL_479235|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-10CB29F/2020|2020-12-22|EPI_ISL_764144|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/France/OCC-168/2020|2020-10-16|EPI_ISL_751487|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|Latour|France

>Spike|hCoV-19/England/MILK-9C7251/2020|2020-09-08|EPI_ISL_573291|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13123/2020|2020-10-26|EPI_ISL_672022|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/FL-BPHL-1082/2020|2020-05-18|EPI_ISL_526568|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-14542/2020|2020-11-30|EPI_ISL_711828|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG455737/2020|2020-06-29|EPI_ISL_695039|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/CA-IGI-0421/2020|2020-07-09|EPI_ISL_756323|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-720/2020|2020-10-02|EPI_ISL_632567|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Taiwan/NTU11/2020|2020-03-16|EPI_ISL_422413|Vero E6|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/Brazil/MG-CV21/2020|2020-03-16|EPI_ISL_429681|Original|hCoV-19^^Minas Gerais|Human|Central Public Health Laboratory/Oct\u00e9lvio Magalh\u00e3es Institute (IOM) from the Ezequiel Dias Foundation (FUNED)|Instituto Oct\u00e9lvio Magalh\u00e3es / Funda\u00e7\u00e3o Ezequiel Dias (IOM/Funed)|Giovanetti|Brazil

>Spike|hCoV-19/USA/WA-UW214/2020|2020-03-14|EPI_ISL_417363|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WI-UW-573/2020|2020-06-19|EPI_ISL_484948|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Malaysia/3499/2020|2020-03-30|EPI_ISL_501205|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/USA/CA-ALSR-0528-SAN/2020|2020-04-03|EPI_ISL_483203|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/SHEF-10D4E62/2020|2020-12-03|EPI_ISL_742070|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/NSW1245/2020|2020-12-16|EPI_ISL_740876|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Luxembourg/LNS4574827/2020|2020-11-02|EPI_ISL_740499|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-7409/2020|2020-07-00|EPI_ISL_688511|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-78498A/2020|2020-07-15|EPI_ISL_533062|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2948BC/2020|2020-03-27|EPI_ISL_490447|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-95DF95/2020|2020-08-07|EPI_ISL_534426|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2819/2020|2020-07-20|EPI_ISL_635695|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-71CF7/2020|2020-03-30|EPI_ISL_439623|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-2366/2020|2020-05-00|EPI_ISL_685971|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15565/2020|2020-11-23|EPI_ISL_713897|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B73ED6/2020|2020-11-12|EPI_ISL_664897|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0241/2020|2020-08-26|EPI_ISL_760006|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMC-A648DB/2020|2020-10-11|EPI_ISL_608671|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/un-EMC-6/2020/2020|2020-09-30|EPI_ISL_722840|Original|hCoV-19^^Belgium|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Belgium

>Spike|hCoV-19/England/ALDP-B74989/2020|2020-11-12|EPI_ISL_662080|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22497/2020|2020-12-14|EPI_ISL_757429|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11530/2020|2020-11-02|EPI_ISL_670977|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00002/2020|2020-03-03|EPI_ISL_791514|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/MILK-B96DC1/2020|2020-11-13|EPI_ISL_674966|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/VNHN_0837/2020|2020-03-15|EPI_ISL_435315|Original|hCoV-19^^Vietnam|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/Wales/PHWC-16A66B/2020|2020-09-12|EPI_ISL_560083|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A79C40/2020|2020-10-15|EPI_ISL_606713|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_40/2020|2020-03-17|EPI_ISL_422912|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-BC48D8/2020|2020-11-25|EPI_ISL_703534|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA32/2020|2020-06-20|EPI_ISL_508226|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/ALDP-A69205/2020|2020-10-10|EPI_ISL_609095|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1857/2020|2020-05-04|EPI_ISL_622578|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94D183/2020|2020-06-14|EPI_ISL_555912|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-943E0E/2020|2020-07-28|EPI_ISL_532566|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2011020263/2020|2020-11-01|EPI_ISL_710370|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-9CD473/2020|2020-09-16|EPI_ISL_566223|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BC9DA/2020|2020-00-00|EPI_ISL_704475|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BDED/2020|2020-09-17|EPI_ISL_573975|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A626C/2020|2020-12-16|EPI_ISL_765016|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00244326/2020|2020-03-31|EPI_ISL_536392|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-15035/2020|2020-10-16|EPI_ISL_786519|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-31367/2020|2020-04-12|EPI_ISL_446436|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10C9C93/2020|2020-12-08|EPI_ISL_706976|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A67155/2020|2020-10-12|EPI_ISL_630685|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165EFF/2020|2020-05-28|EPI_ISL_490815|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2425583/2020|2020-11-09|EPI_ISL_740121|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/UT-UPHL-201029534/2020|2020-05-31|EPI_ISL_594084|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-7349/2020|2020-10-12|EPI_ISL_619284|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-577/2020|2020-06-22|EPI_ISL_693205|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital de Campanha Covid-19 Assis|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/QEUA-A490A7/2020|2020-10-06|EPI_ISL_665959|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49336F/2020|2020-11-28|EPI_ISL_725873|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-6BBD9E/2020|2020-07-02|EPI_ISL_557931|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LCST-24D6D20/2020|2020-06-10|EPI_ISL_484230|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-10362/2020|2020-06-23|EPI_ISL_636557|Original|hCoV-19^^NoordBrabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Bosnia and Herzegovina/ChVir7382/2020|2020-04-01|EPI_ISL_462472|Original|hCoV-19^^DZ Vitez|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina

>Spike|hCoV-19/Austria/CeMM0962/2020|2020-03-29|EPI_ISL_583811|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Canada/Qc-L00241042/2020|2020-03-27|EPI_ISL_450310|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Morocco/6906/2020|2020-04-06|EPI_ISL_459984|Original|hCoV-19^^Morocco|Human|Institut Pasteur du Maroc|Institut Pasteur du Maroc|Enouf|Morocco

>Spike|hCoV-19/Portugal/PT1504/2020|2020-03-17|EPI_ISL_511463|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Belgium/ULG-11047/2020|2020-12-01|EPI_ISL_722932|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Spain/AS-IBV-98006657/2020|2020-04-28|EPI_ISL_654681|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/EDB1127/2020|2020-04-07|EPI_ISL_491589|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/571/2020|2020-04-14|EPI_ISL_483594|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/France/PAC-IHU-1623/2020|2020-09-10|EPI_ISL_569232|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUA-AD0412/2020|2020-10-25|EPI_ISL_634103|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-960366/2020|2020-08-02|EPI_ISL_532111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20178/2020|2020-11-30|EPI_ISL_723339|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Gibraltar/205000632/2020|2020-12-00|EPI_ISL_709967|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUA-9D06D1/2020|2020-09-16|EPI_ISL_589962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0077/2020|2020-06-11|EPI_ISL_511831|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Japan/PG-6844/2020|2020-09-00|EPI_ISL_687952|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/QLD1178/2020|2020-03-25|EPI_ISL_639769|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Canada/BC-BCCDC-6400/2020|2020-10-00|EPI_ISL_740556|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC20860/2020|2020-04-29|EPI_ISL_471881|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/CVR786/2020|2020-03-26|EPI_ISL_439109|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/NSW1095/2020|2020-08-29|EPI_ISL_593652|Original|hCoV-19^^New South Wales|Human|Histopath|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-49579E/2020|2020-11-23|EPI_ISL_726394|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9A6A41/2020|2020-09-02|EPI_ISL_550127|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH561/2020|2020-04-22|EPI_ISL_512961|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Wales/ALDP-A5080F/2020|2020-10-07|EPI_ISL_609207|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496B46/2020|2020-11-23|EPI_ISL_726691|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DF42/2020|2020-10-06|EPI_ISL_586801|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-36890/2020|2020-04-28|EPI_ISL_474723|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-676C9/2020|2020-10-30|EPI_ISL_651127|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/India/MH-GA11/2020|2020-06-17|EPI_ISL_508207|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/FL-BPHL-1246/2020|2020-08-03|EPI_ISL_541139|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC2771/2020|2020-07-06|EPI_ISL_521606|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UN-UW-7781/2020|2020-04-20|EPI_ISL_576516|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-49C83A/2020|2020-11-18|EPI_ISL_742609|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19807/2020|2020-12-07|EPI_ISL_747544|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR2547/2020|2020-00-00|EPI_ISL_579290|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-A8102B/2020|2020-10-14|EPI_ISL_610831|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-964C49/2020|2020-08-11|EPI_ISL_531112|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C77FE/2020|2020-12-08|EPI_ISL_727871|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-10983/2020|2020-07-16|EPI_ISL_547621|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-12262/2020|2020-11-16|EPI_ISL_682443|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-95567A/2020|2020-06-12|EPI_ISL_554560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7081/2020|2020-08-02|EPI_ISL_514520|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10534/2020|2020-10-23|EPI_ISL_626310|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Canada/QC-LSPQ-L00226938/2020|2020-03-17|EPI_ISL_535854|Original|hCoV-19^^Quebec|Human|Centre de SSS de la Haute-Yamaska|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/QEUH-AD5B72/2020|2020-10-26|EPI_ISL_634608|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B54257/2020|2020-11-08|EPI_ISL_656931|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20030720/2020|2020-07-07|EPI_ISL_510089|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Wales/PHWC-33F52/2020|2020-04-17|EPI_ISL_446845|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000051/2020|2020-03-05|EPI_ISL_631545|Original|hCoV-19^^New York|Human|New York Presbyterian-Brooklyn Methodist Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-9AA96E/2020|2020-08-31|EPI_ISL_550923|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Overijssel_32/2020|2020-00-00|EPI_ISL_460822|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Russia/SVE-RII-MH183S/2020|2020-07-08|EPI_ISL_732990|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-ALSR-4885/2020|2020-11-02|EPI_ISL_730196|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Thailand/Bangkok-CONI-0221/2020|2020-03-20|EPI_ISL_568585|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/ALDP-A6827F/2020|2020-10-12|EPI_ISL_609009|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0932/2020|2020-07-13|EPI_ISL_517822|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-B0E9DF/2020|2020-11-02|EPI_ISL_641981|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B9520F/2020|2020-11-13|EPI_ISL_673709|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2046/2020|2020-03-16|EPI_ISL_604366|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NOTT-110B65/2020|2020-05-01|EPI_ISL_448390|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-A59499/2020|2020-10-08|EPI_ISL_597148|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2761/2020|2020-07-29|EPI_ISL_525751|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-16F2EA/2020|2020-10-06|EPI_ISL_585944|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6415/2020|2020-07-05|EPI_ISL_545984|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-AB9BA1/2020|2020-10-22|EPI_ISL_623743|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0168/2020|2020-11-17|EPI_ISL_747402|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Scotland/QEUEH-96C6AD/2020|2020-08-07|EPI_ISL_530902|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-5EDAAC/2020|2020-06-16|EPI_ISL_533258|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-166BAC/2020|2020-06-21|EPI_ISL_494089|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA6F2/2020|2020-09-24|EPI_ISL_580003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-36960/2020|2020-04-24|EPI_ISL_474736|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/200960515/2020|2020-02-25|EPI_ISL_414009|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/IL-UW-130/2020|2020-04-13|EPI_ISL_427437|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-A94580/2020|2020-10-20|EPI_ISL_624602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13935/2020|2020-08-16|EPI_ISL_787227|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM67055611/2020|2020-11-12|EPI_ISL_753307|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/MILK-B38356/2020|2020-11-01|EPI_ISL_658915|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-18563/2020|2020-09-03|EPI_ISL_547767|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/SHEF-C11CC/2020|2020-05-26|EPI_ISL_535045|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-2114/2020|2020-05-00|EPI_ISL_685719|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC7072/2020|2020-07-25|EPI_ISL_564215|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1112/2020|2020-07-27|EPI_ISL_516537|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Spain/PV-IBV-98008361/2020|2020-10-13|EPI_ISL_654574|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/20126002704/2020|2020-03-18|EPI_ISL_423874|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-005158/2020|2020-06-23|EPI_ISL_509645|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/LI-RIVM-20243/2020|2020-12-02|EPI_ISL_723391|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/QEUEH-9F4CB7/2020|2020-09-27|EPI_ISL_600734|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1274/2020|2020-04-16|EPI_ISL_454611|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/QEUEH-AAB0B2/2020|2020-10-21|EPI_ISL_652769|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1977/2020|2020-04-17|EPI_ISL_653130|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-4688/2020|2020-08-00|EPI_ISL_689825|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5667/2020|2020-09-28|EPI_ISL_619954|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACEE73/2020|2020-10-21|EPI_ISL_629630|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20288/2020|2020-11-10|EPI_ISL_723427|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-18928/2020|2020-11-25|EPI_ISL_785225|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C319D/2020|2020-04-01|EPI_ISL_432765|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-122/2020|2020-11-15|EPI_ISL_763162|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-49C30C/2020|2020-11-18|EPI_ISL_742541|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-7A2EE1/2020|2020-07-11|EPI_ISL_533056|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_126/2020|2020-03-28|EPI_ISL_461161|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-16036/2020|2020-10-27|EPI_ISL_785720|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-282C00/2020|2020-03-28|EPI_ISL_472220|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3923/2020|2020-09-14|EPI_ISL_615834|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20132048802/2020|2020-03-22|EPI_ISL_420498|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9F22D5/2020|2020-09-24|EPI_ISL_589173|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-10552/2020|2020-03-17|EPI_ISL_419168|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Valence|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/MN-MDH-1900/2020|2020-10-14|EPI_ISL_613526|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Belgium/ULG-10782/2020|2020-11-16|EPI_ISL_661204|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CT-UW-6790/2020|2020-04-08|EPI_ISL_570146|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Hong Kong/VM20123554/2020|2020-09-18|EPI_ISL_760032|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/Denmark/DCGC-7726/2020|2020-10-19|EPI_ISL_618709|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-758/2020|2020-07-07|EPI_ISL_495463|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Brazil/SP-L39-CD1041/2020|2020-05-13|EPI_ISL_722123|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil
>Spike|hCoV-19/England/ALDP-C47D0A/2020|2020-12-12|EPI_ISL_718663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/94/2020|2020-03-18|EPI_ISL_435699|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Wales/MILK-971010/2020|2020-08-16|EPI_ISL_553131|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-9532/2020|2020-07-03|EPI_ISL_781169|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-95076D/2020|2020-06-18|EPI_ISL_554390|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-786E3/2020|2020-04-05|EPI_ISL_433764|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/England/QEUA-B1070D/2020|2020-11-02|EPI_ISL_641626|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/EXET-13A89B/2020|2020-11-09|EPI_ISL_664214|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Ireland/KE-NVRL-73IRL29510/2020|2020-09-16|EPI_ISL_578239|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/India/MH-AFMC-5868/2020|2020-05-26|EPI_ISL_496533|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India
>Spike|hCoV-19/Germany/HH-hpi-p2120/2020|2020-03-22|EPI_ISL_776363|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spike|hCoV-19/Denmark/DCGC-15232/2020|2020-11-23|EPI_ISL_713711|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Czech Republic/NRL_1751/2020|2020-03-09|EPI_ISL_471528|Original|hCoV-19^^Litomerice-Brnay|Human|The National Institute of Public Health|State Veterinary Institute Prague and The National Institute of Public Health|Nagy|Czech Republic
>Spike|hCoV-19/Wales/PHWC-2EA86/2020|2020-04-07|EPI_ISL_446107|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Bangladesh/CU-CTG-24/2020|2020-11-23|EPI_ISL_735496|Original|hCoV-19^^Chittagong|Human|Chattogram Veterinary and Animal Sciences University|Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology|Faruque|Bangladesh
>Spike|hCoV-19/England/20146007004/2020|2020-03-31|EPI_ISL_423575|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Japan/PG-8546/2020|2020-08-00|EPI_ISL_686142|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Luxembourg/LNS2402544/2020|2020-10-23|EPI_ISL_740115|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Israel/CVL-n-6136/2020|2020-03-15|EPI_ISL_475003|Original|hCoV-19^^Elkana|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/AZ-TG637328/2020|2020-07-31|EPI_ISL_695739|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-A068EA/2020|2020-10-01|EPI_ISL_600000|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20417/2020|2020-12-02|EPI_ISL_728637|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/ALAB-SSI384/2020|2020-03-24|EPI_ISL_429484|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10031/2020|2020-07-06|EPI_ISL_789294|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B0A5B/2020|2020-05-11|EPI_ISL_452932|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98007702/2020|2020-09-16|EPI_ISL_582083|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-BB312C/2020|2020-11-19|EPI_ISL_702663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04471/2020|2020-05-21|EPI_ISL_525338|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC6744/2020|2020-07-25|EPI_ISL_564024|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B83E88/2020|2020-11-14|EPI_ISL_675366|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG395959/2020|2020-06-09|EPI_ISL_694785|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-B398CF/2020|2020-11-01|EPI_ISL_679650|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21476/2020|2020-07-16|EPI_ISL_516203|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUB-96E0CB/2020|2020-08-17|EPI_ISL_530481|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-7194/2020|2020-09-11|EPI_ISL_648382|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-59B2E1/2020|2020-06-15|EPI_ISL_558321|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5528/2020|2020-07-20|EPI_ISL_518361|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-46320-01/2020|2020-04-11|EPI_ISL_525680|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/ALDP-B45E19/2020|2020-11-07|EPI_ISL_656311|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204180123/2020|2020-09-25|EPI_ISL_583968|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20138026204/2020|2020-03-25|EPI_ISL_423312|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020126556/2020|2020-06-15|EPI_ISL_535274|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-15577/2020|2020-11-23|EPI_ISL_713473|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-C4FE5A/2020|2020-12-11|EPI_ISL_769596|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/TKYE63442/2020|2020-03-00|EPI_ISL_468725|unknown|hCoV-19^^Japan|Human|unknown|Contact|Submitter|Japan

>Spike|hCoV-19/USA/UN-UW219/2020|2020-03-13|EPI_ISL_417368|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR4711/2020|2020-09-21|EPI_ISL_611715|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0730/2020|2020-10-22|EPI_ISL_624065|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E09D5/2020|2020-09-21|EPI_ISL_575367|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-2513/2020|2020-03-20|EPI_ISL_468979|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Taiwan/NTU16/2020|2020-03-19|EPI_ISL_422418|Vero E6|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/England/MILK-562D5B/2020|2020-06-10|EPI_ISL_558272|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D743A/2020|2020-09-17|EPI_ISL_584370|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/CVR5687/2020|2020-11-09|EPI_ISL_651909|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C542CF/2020|2020-12-12|EPI_ISL_757074|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0855/2020|2020-06-27|EPI_ISL_514201|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Switzerland/Vs-ETHZ-410095/2020|2020-12-17|EPI_ISL_737844|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-4690/2020|2020-09-21|EPI_ISL_621922|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-352/2020|2020-03-23|EPI_ISL_571096|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-A9CE7/2020|2020-03-25|EPI_ISL_517351|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9788943/2020|2020-11-17|EPI_ISL_744982|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/IC-0515/2020|2020-12-00|EPI_ISL_768724|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9FF9E2/2020|2020-10-02|EPI_ISL_600153|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A7011D/2020|2020-10-15|EPI_ISL_608171|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-106582/2020|2020-05-02|EPI_ISL_500956|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Palestine/51/2020|2020-08-19|EPI_ISL_596535|Original|hCoV-19^^Jerusalem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/England/CAMB-84338/2020|2020-04-16|EPI_ISL_443623|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-79C8EC/2020|2020-07-15|EPI_ISL_533187|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IA-GMF-18345/2020|2020-09-01|EPI_ISL_547758|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/SHEF-CD755/2020|2020-05-14|EPI_ISL_493712|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC51/2020|2020-05-02|EPI_ISL_444482|Original|hCoV-19^^Gujarat|Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMC-BD2AB3/2020|2020-11-28|EPI_ISL_702235|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-993C7E/2020|2020-08-23|EPI_ISL_552301|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2538/2020|2020-08-17|EPI_ISL_617809|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-9967/2020|2020-07-06|EPI_ISL_780359|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Zhejiang/WZ-01/2020|2020-01-16|EPI_ISL_404227|Original|hCoV-19^^Zhejiang|Human|Zhejiang Provincial Center for Disease Control and Prevention|Department of Microbiology|Chen|China

>Spike|hCoV-19/England/ALDP-95570E/2020|2020-06-17|EPI_ISL_553558|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4785/2020|2020-09-21|EPI_ISL_621395|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-8E3320/2020|2020-06-25|EPI_ISL_556615|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/NF-04/2020|2020-03-00|EPI_ISL_591474|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8931/2020|2020-11-02|EPI_ISL_626134|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15827/2020|2020-07-10|EPI_ISL_785511|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUIH-96BD5E/2020|2020-08-14|EPI_ISL_531270|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99DFF3/2020|2020-08-30|EPI_ISL_550613|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B35438/2020|2020-11-05|EPI_ISL_659482|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-2682/2020|2020-04-24|EPI_ISL_467356|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/CAMB-7E261/2020|2020-04-15|EPI_ISL_434057|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005062/2020|2020-04-21|EPI_ISL_510356|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Northern Ireland/NIRE-109103/2020|2020-10-19|EPI_ISL_652315|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1340/2020|2020-04-12|EPI_ISL_579717|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/England/ALDP-AA44BD/2020|2020-10-21|EPI_ISL_624426|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003571/2020|2020-03-21|EPI_ISL_537987|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-4879B7/2020|2020-10-31|EPI_ISL_637868|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3718/2020|2020-08-01|EPI_ISL_548420|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-79FE7/2020|2020-04-01|EPI_ISL_440568|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NOTT-1110FC/2020|2020-05-04|EPI_ISL_453629|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1758/2020|2020-03-21|EPI_ISL_424246|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-49876E/2020|2020-12-01|EPI_ISL_727119|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-83481/2020|2020-04-25|EPI_ISL_438681|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUIH-B6A2A9/2020|2020-11-10|EPI_ISL_655254|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A8C934/2020|2020-10-16|EPI_ISL_643258|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D0789-1/2020|2020-04-22|EPI_ISL_527424|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/WA-UW-22920/2020|2020-08-10|EPI_ISL_570734|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-72124/2020|2020-03-28|EPI_ISL_439560|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020305802/2020|2020-08-21|EPI_ISL_542056|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Scotland/EDB9115/2020|2020-10-24|EPI_ISL_652048|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-666DDE/2020|2020-07-03|EPI_ISL_555603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0919/2020|2020-07-02|EPI_ISL_525927|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-263ED/2020|2020-03-27|EPI_ISL_422306|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA55F5/2020|2020-10-22|EPI_ISL_625122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19573/2020|2020-11-17|EPI_ISL_783945|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-50199/2020|2020-03-06|EPI_ISL_455866|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-48CD7A/2020|2020-11-03|EPI_ISL_666537|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5181/2020|2020-08-00|EPI_ISL_690284|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/regal-12111381/2020|2020-12-11|EPI_ISL_738433|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-59AAF9/2020|2020-06-15|EPI_ISL_558389|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20Z04751/2020|2020-04-16|EPI_ISL_671362|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/WA-UW-5617/2020|2020-04-08|EPI_ISL_430911|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Taiwan/CGMH-CGU-12/2020|2020-03-14|EPI_ISL_417525|LLC-MK2|hCoV-19^^Taoyuan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan

>Spike|hCoV-19/Sweden/20-08866/2020|2020-04-09|EPI_ISL_476146|Original|hCoV-19^^Jamtland Harjedalen|Human|Ostersund klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/NY-NYCPHL-000815/2020|2020-03-30|EPI_ISL_632192|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-14053/2020|2020-11-30|EPI_ISL_711537|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K003997/2020|2020-09-25|EPI_ISL_634985|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/South Africa/N00142/2020|2020-05-20|EPI_ISL_622989|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Scotland/GCVR-170D4F/2020|2020-03-25|EPI_ISL_459609|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204421243/2020|2020-10-27|EPI_ISL_613702|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/WI-GMF-28421/2020|2020-10-28|EPI_ISL_661020|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/India/MH-NIV-QC-795/2020|2020-04-21|EPI_ISL_454566|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Jordan/AM-ALSR-3967/2020|2020-10-02|EPI_ISL_636330|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/MILK-AC95CE/2020|2020-10-22|EPI_ISL_629547|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2834/2020|2020-09-13|EPI_ISL_574676|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-A6A301/2020|2020-10-09|EPI_ISL_627498|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/VD-SNRCI-29965615/2020|2020-03-01|EPI_ISL_414023|Original|hCoV-19^^Vaud|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/USA/WI-GMF-01602/2020|2020-04-23|EPI_ISL_435400|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/MN-MDH-1709/2020|2020-08-27|EPI_ISL_560796|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Luxembourg/LNS8179404/2020|2020-11-24|EPI_ISL_744698|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-ALSR-1089-SAN/2020|2020-06-15|EPI_ISL_483516|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Singapore/1458/2020|2020-12-06|EPI_ISL_728194|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-8F6D95/2020|2020-06-24|EPI_ISL_556600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7986/2020|2020-08-00|EPI_ISL_687087|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14522/2020|2020-10-09|EPI_ISL_787807|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-S113/2020|2020-03-22|EPI_ISL_586289|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/QEUA-C54159/2020|2020-12-12|EPI_ISL_757061|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95C136/2020|2020-06-17|EPI_ISL_555108|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CBA73/2020|2020-09-16|EPI_ISL_575677|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4649/2020|2020-05-08|EPI_ISL_478177|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-00971/2020|2020-04-08|EPI_ISL_436902|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-B2EEE9/2020|2020-11-03|EPI_ISL_660021|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C32C32/2020|2020-12-11|EPI_ISL_782718|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6158/2020|2020-10-05|EPI_ISL_620061|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AABAC/2020|2020-04-18|EPI_ISL_470155|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7F48D/2020|2020-11-14|EPI_ISL_674724|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VI-CDC-3688/2020|2020-03-23|EPI_ISL_452123|Original|hCoV-19^^Virgin Islands|Human|VI-US Virgin Islands Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/WI-WSLH-200664/2020|2020-06-22|EPI_ISL_631429|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/FL-BPHL-1371/2020|2020-07-20|EPI_ISL_541308|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-B5A38B/2020|2020-11-05|EPI_ISL_658068|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-827/2020|2020-10-06|EPI_ISL_632699|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-2B8BC/2020|2020-04-09|EPI_ISL_445776|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00230895/2020|2020-03-21|EPI_ISL_535938|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/C200042029/2020|2020-11-02|EPI_ISL_649797|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/GA-USC-001/2020|2020-05-11|EPI_ISL_468331|Original|hCoV-19^^Galicia|Human|Microbiology Service|Genomes & Disease|Garcia-Souto|Spain

>Spike|hCoV-19/Wales/PHWC-4A1832/2020|2020-12-10|EPI_ISL_743733|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A02990/2020|2020-09-29|EPI_ISL_584938|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/India/MH-NIV-14614/2020|2020-04-25|EPI_ISL_479499|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Spain/CT-IBV-005576/2020|2020-03-17|EPI_ISL_508684|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-B09DAB/2020|2020-10-31|EPI_ISL_672981|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18921/2020|2020-12-07|EPI_ISL_748641|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/GA-CDC-6368/2020|2020-09-19|EPI_ISL_576195|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-DSHS-0824/2020|2020-06-03|EPI_ISL_593567|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-AAA88E/2020|2020-10-21|EPI_ISL_652714|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11875/2020|2020-10-26|EPI_ISL_670482|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Equatorial Guinea/46215/2020|2020-08-02|EPI_ISL_649172|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/England/MILK-A91741/2020|2020-10-19|EPI_ISL_705981|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20G32325/2020|2020-03-18|EPI_ISL_605101|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/England/MILK-9A83AE/2020|2020-09-02|EPI_ISL_549977|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Faroe Islands/HFS-74/2020|2020-08-05|EPI_ISL_614311|Original|hCoV-19^^Faroe Islands|Human|Faroese National Reference Laboratory for Fish and Animal Diseases|Faroese National Reference Laboratory for Fish and Animal Diseases|Dahl|Faroe Islands

>Spike|hCoV-19/India/DL-MaxCov0049-CSIR-IGIB/2020|2020-05-01|EPI_ISL_459951|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/Romania/ROSV_2778/2020|2020-04-16|EPI_ISL_491059|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Australia/NSW549/2020|2020-03-21|EPI_ISL_455088|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Brazil/MG-CV13/2020|2020-03-15|EPI_ISL_429675|Original|hCoV-19^^Minas Gerais|Human|Central Public Health Laboratory/Oct\u00e9lvio Magalh\u00e3es Institute (IOM) from the Ezequiel Dias Foundation (FUNED)|Instituto Oct\u00e9lvio Magalh\u00e3es / Funda\u00e7\u00e3o Ezequiel Dias (IOM/Funed)|Giovanetti|Brazil

>Spike|hCoV-19/England/ALDP-B5E387/2020|2020-11-08|EPI_ISL_723654|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Italy/FVG-ICGEB-S8/2020|2020-03-01|EPI_ISL_417421|Vero E6 P1|hCoV-19^^Friuli Venezia Giulia|Human|Laboratory of Molecular Virology International Center for Genetic Engineering and Biotechnology (ICGEB)|ARGO Open Lab Platform for Genome sequencing|Marcello|Italy

>Spike|hCoV-19/Spain/MD-H12-R17/2020|2020-03-04|EPI_ISL_530095|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/LIVE-9FCA8/2020|2020-06-02|EPI_ISL_472053|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009236/2020|2020-05-14|EPI_ISL_525229|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-UW-8467/2020|2020-04-30|EPI_ISL_776748|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-16614/2020|2020-11-16|EPI_ISL_714871|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-190053/2020|2020-07-09|EPI_ISL_500914|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-A1E050/2020|2020-10-01|EPI_ISL_598847|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B02021/2020|2020-10-24|EPI_ISL_642957|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/4075/2020|2020-04-27|EPI_ISL_471406|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/England/CAMC-BC1E9D/2020|2020-11-22|EPI_ISL_705633|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0484/2020|2020-06-15|EPI_ISL_525823|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-25EA1/2020|2020-03-25|EPI_ISL_422202|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3613/2020|2020-07-27|EPI_ISL_561198|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/HI-H200231/2020|2020-08-11|EPI_ISL_752790|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/NORT-28A0EE/2020|2020-04-08|EPI_ISL_453523|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-A6886E/2020|2020-10-12|EPI_ISL_608685|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jamaica/JM-CDC-0869/2020|2020-03-09|EPI_ISL_450793|Original|hCoV-19^^Jamaica|Human|Jamaica Ministry of Health and Wellness|Pathogen Discovery|Queen|Jamaica

>Spike|hCoV-19/Japan/Donner20/2020|2020-04-14|EPI_ISL_438964|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/England/OXON-B099B/2020|2020-04-21|EPI_ISL_478924|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC10323/2020|2020-08-31|EPI_ISL_562871|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-0917-SAN/2020|2020-04-24|EPI_ISL_483412|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LIVE-AA1E7/2020|2020-03-23|EPI_ISL_517418|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/AK-PHL1881/2020|2020-07-22|EPI_ISL_528510|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/England/CAMB-73EFF/2020|2020-03-19|EPI_ISL_440367|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15706/2020|2020-11-23|EPI_ISL_713189|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1248/2020|2020-04-14|EPI_ISL_541151|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUH-9D0316/2020|2020-09-16|EPI_ISL_589859|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9BACCC/2020|2020-09-07|EPI_ISL_573633|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC145/2020|2020-03-17|EPI_ISL_419842|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Netherlands/GE-EMC-185/2020|2020-05-27|EPI_ISL_523167|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-95FF39/2020|2020-08-07|EPI_ISL_531890|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204290232/2020|2020-10-16|EPI_ISL_613606|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20168031304/2020|2020-04-16|EPI_ISL_466605|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL335/2020|2020-05-21|EPI_ISL_578741|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-QDX-2640/2020|2020-03-16|EPI_ISL_604904|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15418/2020|2020-10-21|EPI_ISL_786902|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-10D0ABD/2020|2020-12-03|EPI_ISL_706982|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-1377/2020|2020-04-00|EPI_ISL_684984|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC17752/2020|2020-08-22|EPI_ISL_779425|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Beck|Australia

>Spike|hCoV-19/Denmark/DCGC-13535/2020|2020-11-30|EPI_ISL_712862|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-888FDE/2020|2020-07-27|EPI_ISL_532672|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0259/2020|2020-05-04|EPI_ISL_480910|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LIVE-A8F94/2020|2020-03-26|EPI_ISL_517240|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12986/2020|2020-08-28|EPI_ISL_788137|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-C4663D/2020|2020-12-10|EPI_ISL_718543|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-390215/2020|2020-11-26|EPI_ISL_721959|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-2008921/2020|2020-05-23|EPI_ISL_525027|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Costa Rica/INC-0135/2020|2020-08-11|EPI_ISL_682273|Original|hCoV-19^^Limon|Human|HOSPITAL SAN JUAN DE DIOS|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/USA/PA-MGEL-00001/2020|2020-03-24|EPI_ISL_681929|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/ALDP-BBB555/2020|2020-11-20|EPI_ISL_702399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1487/2020|2020-05-25|EPI_ISL_471608|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Scotland/CVR4665/2020|2020-09-28|EPI_ISL_612302|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1561/2020|2020-03-15|EPI_ISL_776043|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-C749A6/2020|2020-12-15|EPI_ISL_768987|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FBC5F/2020|2020-04-10|EPI_ISL_470051|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1476/2020|2020-04-01|EPI_ISL_438822|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010975/2020|2020-10-08|EPI_ISL_732803|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-1441/2020|2020-03-28|EPI_ISL_494604|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-837C4/2020|2020-04-16|EPI_ISL_443594|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC3746/2020|2020-07-11|EPI_ISL_520474|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/LIVE-DBB210/2020|2020-11-13|EPI_ISL_665696|Original|hCoV-19^^Wales|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC4798/2020|2020-07-18|EPI_ISL_519184|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/DL-MaxCov0042-CSIR-IGIB/2020|2020-05-01|EPI_ISL_459944|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/England/ALDP-A6D650/2020|2020-10-14|EPI_ISL_607045|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10957/2020|2020-07-09|EPI_ISL_789695|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-8268C/2020|2020-04-13|EPI_ISL_443674|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1665793/2020|2020-12-18|EPI_ISL_739971|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Germany/NW-HHU-545/2020|2020-12-16|EPI_ISL_779931|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/ALDP-CB35B6/2020|2020-12-20|EPI_ISL_761108|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-993FA2/2020|2020-08-25|EPI_ISL_551703|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP00069/2020|2020-03-21|EPI_ISL_438228|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/CAMB-1B15C2/2020|2020-05-06|EPI_ISL_458517|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265DE0E/2020|2020-03-28|EPI_ISL_484110|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/LOND-D5A15/2020|2020-04-17|EPI_ISL_457291|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/CVR1056/2020|2020-03-28|EPI_ISL_433502|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TN-QDX-2517/2020|2020-03-14|EPI_ISL_604842|Original|hCoV-19^^Tennessee|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/New Zealand/20VR0914/2020|2020-03-20|EPI_ISL_456170|Original|hCoV-19^^Wairarapa|Human|Wellington SCL|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/AZ-TG522518/2020|2020-07-20|EPI_ISL_695385|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-96589F/2020|2020-08-14|EPI_ISL_531081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132003304/2020|2020-03-22|EPI_ISL_423713|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2170/2020|2020-03-28|EPI_ISL_776400|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/LA-GBCL-26544525/2020|2020-04-20|EPI_ISL_485111|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/LA-EVTL1264/2020|2020-12-04|EPI_ISL_778930|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-A41D20/2020|2020-10-05|EPI_ISL_609422|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1981/2020|2020-06-03|EPI_ISL_497409|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Italy/CAM-IZSM-166/2020|2020-09-12|EPI_ISL_572322|Original|hCoV-19^^Campania|Human|IZSM|IZSM|Viscardi|Italy

>Spike|hCoV-19/Denmark/DCGC-19847/2020|2020-12-07|EPI_ISL_747664|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00225185/2020|2020-03-16|EPI_ISL_535829|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Chicoutimi|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/South Africa/N00104/2020|2020-06-11|EPI_ISL_623020|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/CAMC-B517A6/2020|2020-11-08|EPI_ISL_658179|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2255/2020|2020-05-23|EPI_ISL_545208|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-5325/2020|2020-09-14|EPI_ISL_615256|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AF49A0/2020|2020-10-30|EPI_ISL_662936|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0051/2020|2020-05-18|EPI_ISL_698259|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-35C86/2020|2020-04-27|EPI_ISL_474550|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/202822187/2020|2020-06-14|EPI_ISL_490243|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006313/2020|2020-05-02|EPI_ISL_537677|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-UW-11832/2020|2020-06-25|EPI_ISL_501104|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WY-UNM-00137/2020|2020-06-19|EPI_ISL_614257|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/FL-BPHL-1649/2020|2020-07-03|EPI_ISL_594338|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NORT-28CBDC/2020|2020-08-20|EPI_ISL_573323|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/BRIS-12291B/2020|2020-04-03|EPI_ISL_440677|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/MILK-A7B8FF/2020|2020-10-15|EPI_ISL_607413|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A056B4/2020|2020-09-30|EPI_ISL_600057|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC12962/2020|2020-07-31|EPI_ISL_592125|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/CAMB-1BAAE8/2020|2020-11-13|EPI_ISL_664779|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Switzerland/GE-ETHZ-240058/2020|2020-08-12|EPI_ISL_523898|Original|hCoV-19^^Geneve|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/TX-HMH-1057/2020|2020-04-06|EPI_ISL_542511|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-A94B42/2020|2020-10-20|EPI_ISL_624706|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-9CE4B/2020|2020-04-26|EPI_ISL_440947|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/WA-S1635/2020|2020-05-27|EPI_ISL_496061|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-9608/2020|2020-07-04|EPI_ISL_780182|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-3264F/2020|2020-04-15|EPI_ISL_474337|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-250997-01/2020|2020-10-21|EPI_ISL_734298|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Jordan/AM-ALSR-5016/2020|2020-10-05|EPI_ISL_730289|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/Australia/VIC3801/2020|2020-07-15|EPI_ISL_520518|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUH-9FF3A8/2020|2020-10-02|EPI_ISL_600388|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MASPHL-00529/2020|2020-05-05|EPI_ISL_693049|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA
>Spike|hCoV-19/Germany/BE-ChVir-W1648-8286/2020|2020-07-01|EPI_ISL_753809|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/England/BRIS-124876/2020|2020-03-25|EPI_ISL_443817|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Wales/ALDP-A67832/2020|2020-10-09|EPI_ISL_630506|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/HUI-GVI-97855/2020|2020-04-04|EPI_ISL_447806|Original|hCoV-19^^Huila|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9drez|Colombia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14644/2020|2020-10-09|EPI_ISL_787929|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-QDX-1285/2020|2020-03-15|EPI_ISL_572040|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20148067304/2020|2020-04-02|EPI_ISL_466077|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-F887C/2020|2020-12-10|EPI_ISL_725368|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497459/2020|2020-11-27|EPI_ISL_726832|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C585D1/2020|2020-12-14|EPI_ISL_736029|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Samut Sakorn_887/2020|2020-12-19|EPI_ISL_768542|Original|hCoV-19^^Samut Sakorn|Human|Regional Medical Sciences Center 5 Samut Songkhram|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/England/NOTT-11A961/2020|2020-11-07|EPI_ISL_638599|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B7A7E3/2020|2020-11-12|EPI_ISL_741143|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-5137/2020|2020-08-00|EPI_ISL_690244|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14704/2020|2020-11-23|EPI_ISL_711918|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/Rega-0330253/2020|2020-03-30|EPI_ISL_458223|Original|hCoV-19^^Sint-Genesius-Rode|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/United Arab Emirates/0304/2020|2020-05-18|EPI_ISL_698483|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/204881987/2020|2020-11-27|EPI_ISL_766278|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Gibraltar/204421231/2020|2020-10-27|EPI_ISL_613691|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/CAMB-7AE25/2020|2020-04-09|EPI_ISL_433881|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-A4B166/2020|2020-10-05|EPI_ISL_637815|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC7733/2020|2020-08-06|EPI_ISL_564614|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3933/2020|2020-07-13|EPI_ISL_520645|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B2C0C7/2020|2020-11-02|EPI_ISL_680055|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-51E1AD/2020|2020-06-02|EPI_ISL_558943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A92625/2020|2020-10-19|EPI_ISL_611278|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A8C6F1/2020|2020-10-18|EPI_ISL_643225|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1178/2020|2020-06-03|EPI_ISL_476763|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-4736/2020|2020-07-00|EPI_ISL_689872|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-7946/2020|2020-05-00|EPI_ISL_687047|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9A90A6/2020|2020-08-31|EPI_ISL_551164|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/LR00003/2020|2020-07-03|EPI_ISL_515135|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/WA-S131/2020|2020-03-13|EPI_ISL_430168|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-7680/2020|2020-06-26|EPI_ISL_545581|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/TG-CCMB-OM38/2020|2020-05-24|EPI_ISL_644732|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/TX-HMH0264/2020|2020-03-26|EPI_ISL_434893|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/SEARCH-5399/2020|2020-10-11|EPI_ISL_755210|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Denmark/DCGC-2069/2020|2020-06-08|EPI_ISL_618055|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Hungary/SRC-1014/2020|2020-09-02|EPI_ISL_671414|Original|hCoV-19^^Baranya county|Human|National Laboratory of Virology|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/NORW-F94FF/2020|2020-11-26|EPI_ISL_706414|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC13984/2020|2020-09-18|EPI_ISL_563909|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-1624C3/2020|2020-05-22|EPI_ISL_473078|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-757B6/2020|2020-03-12|EPI_ISL_440446|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009549/2020|2020-07-10|EPI_ISL_671846|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-AA473C/2020|2020-10-22|EPI_ISL_624350|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11185E/2020|2020-05-21|EPI_ISL_461932|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-400290/2020|2020-12-06|EPI_ISL_729155|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-111D13/2020|2020-06-05|EPI_ISL_472399|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Brazil/SP-L3-CAMPI23/2020|2020-04-09|EPI_ISL_476388|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Faria|Brazil

>Spike|hCoV-19/England/QEUEH-A4CE04/2020|2020-10-05|EPI_ISL_596058|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-9E2A0D/2020|2020-09-20|EPI_ISL_581308|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0189/2020|2020-03-26|EPI_ISL_437591|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-DSHS-0119/2020|2020-06-11|EPI_ISL_522948|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/EDB1002/2020|2020-04-06|EPI_ISL_491576|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5297/2020|2020-06-18|EPI_ISL_544660|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-470/2020|2020-04-10|EPI_ISL_437374|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-ACD023/2020|2020-10-21|EPI_ISL_630150|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2B839/2020|2020-11-02|EPI_ISL_646663|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW967/2020|2020-09-15|EPI_ISL_545039|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Spain/PV-IBV-004270/2020|2020-04-07|EPI_ISL_500334|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMB-1ACFF9/2020|2020-04-29|EPI_ISL_447955|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WA-S801/2020|2020-04-16|EPI_ISL_449971|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-10388/2020|2020-11-02|EPI_ISL_669761|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-95C206/2020|2020-06-18|EPI_ISL_555033|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5521/2020|2020-11-01|EPI_ISL_651827|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8175/2020|2020-10-26|EPI_ISL_617070|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B060F0/2020|2020-10-24|EPI_ISL_642789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-129149/2020|2020-04-18|EPI_ISL_458733|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8305/2020|2020-08-00|EPI_ISL_687404|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-10033809081/2020|2020-03-30|EPI_ISL_578126|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Portugal/PT0063/2020|2020-03-20|EPI_ISL_421466|Original|hCoV-19^^Portugal|Human|H Evora|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-ALSR-0642-SAN/2020|2020-04-23|EPI_ISL_483275|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10291/2020|2020-07-08|EPI_ISL_789254|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/VEN-UniVR-35/2020|2020-03-07|EPI_ISL_751347|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/QEUA-A0ACCC/2020|2020-10-03|EPI_ISL_599320|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2A5E6B/2020|2020-10-06|EPI_ISL_611768|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/EXET-13F3D1/2020|2020-12-16|EPI_ISL_764381|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Brazil/SP-887/2020|2020-12-12|EPI_ISL_755653|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Central|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Wales/PHWC-169ACA/2020|2020-08-01|EPI_ISL_514577|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2228/2020|2020-03-16|EPI_ISL_604569|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NORT-1B6C110/2020|2020-10-06|EPI_ISL_612565|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E0B8/2020|2020-12-08|EPI_ISL_742951|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410124/2020|2020-12-17|EPI_ISL_737538|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Northern Ireland/NIRE-FB712/2020|2020-03-25|EPI_ISL_448970|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/LOND-D672C/2020|2020-04-22|EPI_ISL_482194|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/rega-0701805/2020|2020-07-01|EPI_ISL_734788|Original|hCoV-19^^Sint-jans-molenbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Sweden/20-07298/2020|2020-04-14|EPI_ISL_434667|Original|hCoV-19^^Uppsala|Human|Ulltuna Vardcentral|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Switzerland/VD-ETHZ-310354/2020|2020-10-07|EPI_ISL_603428|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-9AB61B/2020|2020-08-31|EPI_ISL_549449|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB689/2020|2020-04-03|EPI_ISL_433223|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29335/2020|2020-04-04|EPI_ISL_445510|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Egypt/MASRI-025/2020|2020-05-10|EPI_ISL_482771|Original|hCoV-19^^Egypt|Human|Medical Ain Shams Research Institute (MASRI)|Medical Ain Shams Research Institute (MASRI)|Moustafa|Egypt

>Spike|hCoV-19/England/ALDP-A669D6/2020|2020-10-12|EPI_ISL_630513|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-01344/2020|2020-05-05|EPI_ISL_791930|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/EDB5012/2020|2020-05-15|EPI_ISL_493933|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1350/2020|2020-04-20|EPI_ISL_507939|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-3183/2020|2020-04-00|EPI_ISL_691303|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-SR0199/2020|2020-03-15|EPI_ISL_437584|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Finland/1LS1D11/2020|2020-10-01|EPI_ISL_757354|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/South Korea/KCDC2023/2020|2020-02-19|EPI_ISL_471439|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-17991/2020|2020-11-16|EPI_ISL_786139|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20146005204/2020|2020-04-01|EPI_ISL_421967|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-999FBB/2020|2020-08-30|EPI_ISL_550290|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-358EC/2020|2020-04-24|EPI_ISL_474494|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/TG-NGC-CDFD-28/2020|2020-05-30|EPI_ISL_466866|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core- Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Denmark/DCGC-12012/2020|2020-06-15|EPI_ISL_671259|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8897/2020|2020-11-02|EPI_ISL_626149|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9586E0/2020|2020-06-09|EPI_ISL_554784|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B415FA/2020|2020-11-08|EPI_ISL_658658|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2131/2020|2020-04-05|EPI_ISL_500624|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/PORT-2EA459/2020|2020-00-00|EPI_ISL_665304|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-A8577D/2020|2020-10-17|EPI_ISL_610382|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1192/2020|2020-03-28|EPI_ISL_639783|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/MILK-9F1E4B/2020|2020-09-24|EPI_ISL_589687|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B843F1/2020|2020-11-14|EPI_ISL_674249|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC327a/2020|2020-06-25|EPI_ISL_512061|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/South Africa/KRISP-0136/2020|2020-05-14|EPI_ISL_467488|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-944025/2020|2020-06-06|EPI_ISL_554836|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2797/2020|2020-07-27|EPI_ISL_526731|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/Germany/HH-hpi-pl982/2020|2020-03-26|EPI_ISL_776300|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WA-UW-1586/2020|2020-03-19|EPI_ISL_423013|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-240052/2020|2020-08-12|EPI_ISL_523893|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-2009076/2020|2020-05-14|EPI_ISL_525084|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/SD-SDPHL-0004/2020|2020-07-07|EPI_ISL_569612|Original|hCoV-19^^South Dakota|Human|Cheyenne River Health Center|South Dakota Public Health Laboratory|Carlson|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-370515/2020|2020-11-19|EPI_ISL_693997|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-21756/2020|2020-12-21|EPI_ISL_758345|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-281378-01/2020|2020-10-13|EPI_ISL_734449|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-99D773/2020|2020-08-31|EPI_ISL_549887|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012145663/2020|2020-08-10|EPI_ISL_745831|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-970512/2020|2020-08-18|EPI_ISL_553152|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A224D5/2020|2020-10-01|EPI_ISL_587577|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABB7C9/2020|2020-10-21|EPI_ISL_623376|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DDCE1/2020|2020-09-21|EPI_ISL_599559|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200173/2020|2020-07-25|EPI_ISL_752733|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Australia/NSW827/2020|2020-08-08|EPI_ISL_526169|Original|hCoV-19^^New South Wales|Human|Austech Medical Laboratories|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/NE-CDC-2-3714192/2020|2020-10-28|EPI_ISL_751583|Original|hCoV-19^^Nebraska|Human|NE Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-9D4BED/2020|2020-09-19|EPI_ISL_601558|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9FA3BC/2020|2020-09-29|EPI_ISL_600604|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001110/2020|2020-10-19|EPI_ISL_671693|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/MH-NIV-229461/2020|2020-09-28|EPI_ISL_577681|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/QEUEH-9E535A/2020|2020-09-24|EPI_ISL_579851|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F7D7E/2020|2020-11-13|EPI_ISL_650455|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-4351/2020|2020-07-00|EPI_ISL_692579|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Colombia/VAC-GVI-93470/2020|2020-04-01|EPI_ISL_447780|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9drez|Colombia

>Spike|hCoV-19/Denmark/DCGC-20754/2020|2020-12-21|EPI_ISL_759344|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/3739/2020|2020-09-02|EPI_ISL_590995|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Belgium/regA-0508545/2020|2020-05-08|EPI_ISL_734714|Original|hCoV-19^^Auderghem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-19858/2020|2020-12-07|EPI_ISL_747833|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-929/2020|2020-07-10|EPI_ISL_509929|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUA-C7F853/2020|2020-12-16|EPI_ISL_762904|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-254/2020|2020-05-22|EPI_ISL_523377|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Luxembourg/LNS6243765/2020|2020-11-29|EPI_ISL_770919|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-A89B04/2020|2020-10-14|EPI_ISL_638811|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3430/2020|2020-05-30|EPI_ISL_636024|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-11374/2020|2020-11-02|EPI_ISL_670873|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-1003/2020|2020-04-02|EPI_ISL_436644|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Finland/3LS12BE5/2020|2020-10-03|EPI_ISL_756094|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-A6D31D/2020|2020-10-15|EPI_ISL_608190|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW637/2020|2020-07-10|EPI_ISL_490046|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/PORT-2D132B/2020|2020-00-00|EPI_ISL_479182|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/NSW1047/2020|2020-07-08|EPI_ISL_593699|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-7709/2020|2020-10-19|EPI_ISL_618564|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/AG-ETHZ-230003/2020|2020-07-31|EPI_ISL_516554|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-10781/2020|2020-07-05|EPI_ISL_789623|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/ULG-10351/2020|2020-08-04|EPI_ISL_540518|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-B3E2CC/2020|2020-11-01|EPI_ISL_679850|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20955/2020|2020-03-24|EPI_ISL_507744|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-CZB-14429/2020|2020-11-04|EPI_ISL_739090|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Australia/QLD1107/2020|2020-03-22|EPI_ISL_593624|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Spain/PV-IBV-001556/2020|2020-03-16|EPI_ISL_467111|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-CA6853/2020|2020-12-16|EPI_ISL_761406|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL1198/2020|2020-06-28|EPI_ISL_516906|Original|hCoV-19^^Northern District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Chile/VS-ISPCH-4/2020|2020-03-19|EPI_ISL_445287|Original|hCoV-19^^Valparaiso|Human|CLINICA CIUDAD DEL MAR|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Japan/PG-1264/2020|2020-00-00|EPI_ISL_684874|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-59F63C/2020|2020-06-14|EPI_ISL_558899|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F961/2020|2020-12-09|EPI_ISL_743295|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B01D76/2020|2020-10-24|EPI_ISL_642949|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3592/2020|2020-06-26|EPI_ISL_636099|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-B3FC18/2020|2020-11-08|EPI_ISL_658679|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F1DE/2020|2020-10-04|EPI_ISL_585927|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9AF161/2020|2020-09-03|EPI_ISL_559825|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169CC4/2020|2020-08-18|EPI_ISL_529701|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC17144/2020|2020-08-15|EPI_ISL_663760|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-ACFFBB/2020|2020-10-18|EPI_ISL_709911|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-UBI-22/2020|2020-06-20|EPI_ISL_602303|original|hCoV-19^^North Rhine-Westphalia|Human|Evangelisches Klinikum Bethel|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/England/QEUEH-96F877/2020|2020-08-19|EPI_ISL_540340|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9746/2020|2020-08-23|EPI_ISL_565689|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-11556/2020|2020-06-22|EPI_ISL_570435|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B939DF/2020|2020-11-13|EPI_ISL_676122|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr449/2020|2020-09-07|EPI_ISL_636888|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Japan/PG-8331/2020|2020-08-00|EPI_ISL_687430|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/BC-BCCDC-8587/2020|2020-11-00|EPI_ISL_740834|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajeky|Canada

>Spike|hCoV-19/Belgium/reg-0503641/2020|2020-05-03|EPI_ISL_734701|Original|hCoV-19^^Callenelle|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-A6D993/2020|2020-10-14|EPI_ISL_607255|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14224/2020|2020-11-30|EPI_ISL_711636|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-A8A8B1/2020|2020-10-16|EPI_ISL_639001|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/OR-RMRC94/2020|2020-05-04|EPI_ISL_455788|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Scotland/QEUA-B2C23A/2020|2020-11-03|EPI_ISL_680571|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-B8C854/2020|2020-11-13|EPI_ISL_675998|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C7BDE/2020|2020-09-12|EPI_ISL_567180|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-001372/2020|2020-03-13|EPI_ISL_452529|Original|hCoV-19^^Madrid|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-B95120/2020|2020-11-13|EPI_ISL_673865|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG366732/2020|2020-06-02|EPI_ISL_694491|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Spain/IB-IBV-002493/2020|2020-03-14|EPI_ISL_467057|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WI-UW-198/2020|2020-03-24|EPI_ISL_428294|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/LIVE-DC9DD2/2020|2020-12-03|EPI_ISL_724348|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/200920118/2020|2020-02-24|EPI_ISL_485604|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-12532/2020|2020-07-27|EPI_ISL_547642|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-1197/2020|2020-05-18|EPI_ISL_614843|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-C4BD60/2020|2020-12-14|EPI_ISL_736650|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F7B3F/2020|2020-09-27|EPI_ISL_589258|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F8D13/2020|2020-11-26|EPI_ISL_702925|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-9C42BE/2020|2020-09-09|EPI_ISL_566764|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-963DDE/2020|2020-08-11|EPI_ISL_531474|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE5674/2020|2020-03-20|EPI_ISL_429228|Original|hCoV-19^^Abruzzo|Human|Ospedale Civile Giuseppe Mazzini|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G. Caporale\|Lorusso|Italy

>Spike|hCoV-19/Scotland/QEUA-B11E07/2020|2020-11-02|EPI_ISL_649592|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22283/2020|2020-12-14|EPI_ISL_758655|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-1692A4/2020|2020-06-23|EPI_ISL_499426|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0208/2020|2020-10-00|EPI_ISL_667637|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah181/2020|2020-04-06|EPI_ISL_437703|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/20422147704/2020|2020-09-00|EPI_ISL_584064|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11171/2020|2020-09-15|EPI_ISL_625528|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-CA71EE/2020|2020-12-18|EPI_ISL_761413|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E7297/2020|2020-09-24|EPI_ISL_580570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20154029904/2020|2020-04-07|EPI_ISL_466258|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1915/2020|2020-03-25|EPI_ISL_776246|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-B3E095/2020|2020-10-31|EPI_ISL_679845|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-F39C9/2020|2020-12-05|EPI_ISL_725147|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-106995/2020|2020-05-16|EPI_ISL_501049|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C2738/2020|2020-04-26|EPI_ISL_457885|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Australia/VIC14206/2020|2020-08-04|EPI_ISL_592388|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-96F69B/2020|2020-08-19|EPI_ISL_568408|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10895/2020|2020-08-13|EPI_ISL_583125|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-A2EC68/2020|2020-10-05|EPI_ISL_587134|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21512/2020|2020-12-21|EPI_ISL_758203|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/TG-NGC-CDFD-14/2020|2020-05-27|EPI_ISL_466852|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/USA/CA-CZB-4010/2020|2020-08-01|EPI_ISL_548672|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-16AD57/2020|2020-09-10|EPI_ISL_560192|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1161/2020|2020-12-10|EPI_ISL_768430|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-326/2020|2020-06-24|EPI_ISL_523667|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB3556/2020|2020-04-14|EPI_ISL_487909|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Moldova/ChVir7776/2020|2020-03-11|EPI_ISL_523968|Original|hCoV-19^^Chisinau|Human|National Agency for Public Health|Charite Universitatsmedizin Berlin|Muehlemann|Moldova

>Spike|hCoV-19/Wales/PHWC-498054/2020|2020-11-30|EPI_ISL_727016|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/BRE-IPP9955/2020|2020-09-14|EPI_ISL_693763|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/CAMC-A653D9/2020|2020-10-10|EPI_ISL_608480|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1838/2020|2020-05-30|EPI_ISL_521884|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-160E5E/2020|2020-04-23|EPI_ISL_473059|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B33CBA/2020|2020-11-05|EPI_ISL_659368|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0366/2020|2020-03-19|EPI_ISL_454082|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NY-Wadsworth-146786-01/2020|2020-06-20|EPI_ISL_676694|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/NOTT-115939/2020|2020-10-15|EPI_ISL_595274|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0404/2020|2020-07-20|EPI_ISL_754887|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-245/2020|2020-00-00|EPI_ISL_523587|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B4858A/2020|2020-11-07|EPI_ISL_649299|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0249/2020|2020-03-30|EPI_ISL_569409|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Malaysia/MGI-MAEPS41/2020|2020-06-03|EPI_ISL_582124|Original|hCoV-19^^Selangor|Human|Malaysia Genome Institute|Malaysia Genome Institute|Mat Isa|Malaysia

>Spike|hCoV-19/India/MH-ACTREC-036/2020|2020-05-08|EPI_ISL_699692|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Wales/PHWC-498124/2020|2020-11-30|EPI_ISL_727029|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5140/2020|2020-10-12|EPI_ISL_730379|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Wales/PHWC-4A1674/2020|2020-12-10|EPI_ISL_743707|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-1DDE3E/2020|2020-10-09|EPI_ISL_611630|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/204821479/2020|2020-11-21|EPI_ISL_678774|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD5E79/2020|2020-10-26|EPI_ISL_634707|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11677/2020|2020-10-26|EPI_ISL_670756|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA2947/2020|2020-10-21|EPI_ISL_630716|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/NAQ-SC254/2020|2020-03-11|EPI_ISL_645175|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-9E72D3/2020|2020-09-24|EPI_ISL_580317|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B6C90C/2020|2020-11-11|EPI_ISL_655084|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A69487/2020|2020-10-12|EPI_ISL_609106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-1180/2020|2020-07-13|EPI_ISL_574548|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/England/MILK-B3923A/2020|2020-11-01|EPI_ISL_652298|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00234169/2020|2020-03-23|EPI_ISL_560415|Original|hCoV-19^^Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaud\u00e9re|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-B85A19/2020|2020-11-11|EPI_ISL_675746|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L35-CD900/2020|2020-04-25|EPI_ISL_722039|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Australia/VIC6859/2020|2020-07-26|EPI_ISL_564101|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-9061/2020|2020-07-02|EPI_ISL_780925|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B2740C/2020|2020-11-04|EPI_ISL_646972|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D5AE/2020|2020-10-14|EPI_ISL_606932|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A63F8C/2020|2020-10-12|EPI_ISL_628678|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/un-EMC-749/2020|2020-03-30|EPI_ISL_523505|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/TN-CCMB-C5/2020|2020-04-29|EPI_ISL_458033|Original|hCoV-19^^Tamil Nadu|Human|King Institute of Preventive Medicine & Research|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/CAMB-760E7/2020|2020-03-30|EPI_ISL_439450|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NOTT-10E793/2020|2020-03-25|EPI_ISL_425592|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Chile/RM-87464-TC1/2020|2020-06-02|EPI_ISL_746818|Vero E6|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Scotland/CVR2371/2020|2020-04-13|EPI_ISL_477920|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-30636/2020|2020-11-01|EPI_ISL_661043|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/VIC12711/2020|2020-07-29|EPI_ISL_640460|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BS-UHB-42201335/2020|2020-03-21|EPI_ISL_528292|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Russia/StPetersburg-RII5654S/2020|2020-04-14|EPI_ISL_430098|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/LIVE-A0776/2020|2020-06-02|EPI_ISL_472134|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/NA_269/2020|2020-03-30|EPI_ISL_422580|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-0697/2020|2020-04-00|EPI_ISL_684307|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/MB-NML-796/2020|2020-06-15|EPI_ISL_582315|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Scotland/CVR180/2020|2020-03-17|EPI_ISL_425721|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9A9CC0/2020|2020-09-01|EPI_ISL_551094|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08082/2020|2020-03-05|EPI_ISL_454456|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Spain/VC-IBV-98003524/2020|2020-03-27|EPI_ISL_537959|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/GE-EMC-170/2020|2020-05-22|EPI_ISL_523153|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-6640/2020|2020-06-00|EPI_ISL_687752|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-5299/2020|2020-08-00|EPI_ISL_690402|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/BB-ChVir-W1132-8159/2020|2020-04-07|EPI_ISL_753718|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/USA/NY-Wadsworth-18758-01/2020|2020-03-16|EPI_ISL_676745|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22145/2020|2020-10-06|EPI_ISL_614196|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Vietnam/PIHCM-638/2020|2020-04-01|EPI_ISL_654881|Vero E6|hCoV-19^^Ho Chi Minh city|Human|Pasteur Institute in Ho Chi Minh city|Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city|Vu|Viet Nam

>Spike|hCoV-19/England/MILK-B8ED17/2020|2020-11-13|EPI_ISL_674614|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10262/2020|2020-11-09|EPI_ISL_669865|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B63AE4/2020|2020-11-09|EPI_ISL_656582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00243257/2020|2020-03-30|EPI_ISL_536352|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Russia/DA-RII-MH2744S/2020|2020-09-25|EPI_ISL_602422|Original|hCoV-19^^Dagestan|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Germany/HH-hpi-p2167/2020|2020-03-28|EPI_ISL_776397|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Finland/5May26S2/2020|2020-05-05|EPI_ISL_481697|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-A699B5/2020|2020-10-09|EPI_ISL_665856|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-278/2020|2020-07-19|EPI_ISL_498418|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/TX-HMH-MCoV-18087/2020|2020-11-16|EPI_ISL_784435|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/HI-H200614/2020|2020-11-23|EPI_ISL_753140|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20695/2020|2020-12-14|EPI_ISL_790635|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/France/PAC-IHU-0689/2020|2020-04-14|EPI_ISL_568936|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/LIVE-DC4D22/2020|2020-11-10|EPI_ISL_705409|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-CB37DE/2020|2020-12-20|EPI_ISL_761327|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B0F14F/2020|2020-11-02|EPI_ISL_642679|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C34113/2020|2020-12-11|EPI_ISL_734020|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A7C2/2020|2020-09-10|EPI_ISL_560105|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4C52/2020|2020-11-11|EPI_ISL_702753|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-9AE92E/2020|2020-09-02|EPI_ISL_577255|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/France/IDF-9157/2020|2020-09-01|EPI_ISL_593914|Original|hCoV-19^^\u00cele-de-France|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-94A97F/2020|2020-06-11|EPI_ISL_555829|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12378/2020|2020-11-16|EPI_ISL_682559|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2D180E/2020|2020-04-12|EPI_ISL_484421|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Palestine/80/2020|2020-07-09|EPI_ISL_596556|Original|hCoV-19^^Nablus|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/Italy/PIE-SLL-MS55/2020|2020-03-31|EPI_ISL_569871|Original|hCoV-19^^Piedmont|Human|Amedeo di savoia|Crosetto lab|Harbers|Italy

>Spike|hCoV-19/Jordan/AM-ALSR-3983/2020|2020-10-03|EPI_ISL_636346|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/CA-QDX-2136/2020|2020-03-21|EPI_ISL_604424|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-482BA7/2020|2020-10-18|EPI_ISL_613271|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AB8119/2020|2020-10-22|EPI_ISL_623442|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20108034006/2020|2020-03-06|EPI_ISL_417258|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-A7D4EA/2020|2020-10-13|EPI_ISL_606575|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2616/2020|2020-04-15|EPI_ISL_477988|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3649868/2020|2020-10-22|EPI_ISL_740347|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-8433/2020|2020-07-01|EPI_ISL_784396|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-19137/2020|2020-12-07|EPI_ISL_748365|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8092/2020|2020-08-16|EPI_ISL_564843|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CHLA-PLM48846138/2020|2020-11-30|EPI_ISL_753503|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21169/2020|2020-04-03|EPI_ISL_507426|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-B77A29/2020|2020-11-12|EPI_ISL_783432|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1173/2020|2020-08-14|EPI_ISL_569075|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-7957/2020|2020-06-29|EPI_ISL_545739|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-0653/2020|2020-07-19|EPI_ISL_576307|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Spain/AR-IBV-98010584/2020|2020-10-05|EPI_ISL_722222|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/ZH-ETHZ-390419/2020|2020-12-03|EPI_ISL_721978|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-UM-10035752975/2020|2020-09-01|EPI_ISL_583301|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Wales/PHWC-480787/2020|2020-10-17|EPI_ISL_612929|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4497/2020|2020-07-16|EPI_ISL_518908|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/MILK-9E0D7F/2020|2020-09-19|EPI_ISL_601382|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-98/2020|2020-03-17|EPI_ISL_468746|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Japan/PG-5881/2020|2020-08-00|EPI_ISL_688996|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-ACYH/2020|2020-06-26|EPI_ISL_513270|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Wales/PHWC-496E4D/2020|2020-11-25|EPI_ISL_726736|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009721/2020|2020-07-27|EPI_ISL_605393|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LEED-2AA4A0/2020|2020-04-08|EPI_ISL_538892|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009355/2020|2020-05-17|EPI_ISL_524950|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-999D48/2020|2020-08-29|EPI_ISL_550360|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02769/2020|2020-09-24|EPI_ISL_765626|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Luxembourg/LNS2902167/2020|2020-12-17|EPI_ISL_740214|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC1039/2020|2020-04-03|EPI_ISL_430535|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-9E52D5/2020|2020-09-24|EPI_ISL_601062|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B71AA4/2020|2020-11-16|EPI_ISL_706314|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NORW-E9D7F/2020|2020-05-03|EPI_ISL_448364|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-B860BC/2020|2020-11-13|EPI_ISL_674059|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1247/2020|2020-04-27|EPI_ISL_614766|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/HR-IMT-BZ140/2020|2020-08-25|EPI_ISL_547588|Original|hCoV-19^^Haryana|Human|Civil Hospital|CSIR-Institute of Microbial Technology|Patil|India

>Spike|hCoV-19/Switzerland/VD-ETHZ-270066/2020|2020-09-02|EPI_ISL_541475|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B21B85/2020|2020-11-01|EPI_ISL_647282|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18440/2020|2020-12-07|EPI_ISL_749237|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20144023904/2020|2020-03-27|EPI_ISL_423529|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4895EE/2020|2020-11-02|EPI_ISL_639593|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB1031/2020|2020-04-06|EPI_ISL_705741|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1611/2020|2020-04-27|EPI_ISL_530207|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC2194/2020|2020-06-24|EPI_ISL_521940|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-1290/2020|2020-05-01|EPI_ISL_494483|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/South Africa/KRISP-K004731/2020|2020-10-20|EPI_ISL_660259|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostic Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-B145F0/2020|2020-11-03|EPI_ISL_642620|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2AA455/2020|2020-03-28|EPI_ISL_538925|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29C66F/2020|2020-04-23|EPI_ISL_499506|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18329/2020|2020-11-18|EPI_ISL_784677|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-C33C9B/2020|2020-12-11|EPI_ISL_734079|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC48C9/2020|2020-11-25|EPI_ISL_703456|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F918154/2020|2020-03-27|EPI_ISL_576150|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/MILK-A7DAF7/2020|2020-10-13|EPI_ISL_606374|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1622/2020|2020-04-04|EPI_ISL_433632|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0409/2020|2020-05-14|EPI_ISL_489818|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Cote d'Ivoire/BKE0258/2020|2020-06-19|EPI_ISL_614369|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/Brazil/SP-442/2020|2020-07-17|EPI_ISL_603039|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal M\u00e9lrio Gatti|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/MILK-B3B07A/2020|2020-11-01|EPI_ISL_679739|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B421D7/2020|2020-11-08|EPI_ISL_657199|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AD1C37/2020|2020-10-26|EPI_ISL_643993|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7357799/2020|2020-12-17|EPI_ISL_744557|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/VD-ETHZ-100240/2020|2020-03-18|EPI_ISL_575000|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S229/2020|2020-03-19|EPI_ISL_430267|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03776/2020|2020-11-00|EPI_ISL_775085|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Spain/PV-HUB-56574576/2020|2020-06-09|EPI_ISL_490977|Original|hCoV-19^^Basque Country|Human|Clinical Microbiology Laboratory- Basurto University Hospital|Biocruces-Bizkaia|Urrutikoetxea-Gutierrez|Spain

>Spike|hCoV-19/England/HECH-259A01F/2020|2020-05-15|EPI_ISL_482080|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6144/2020|2020-07-22|EPI_ISL_518155|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2649/2020|2020-06-20|EPI_ISL_497281|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/MD-IBV-99008511/2020|2020-09-10|EPI_ISL_654074|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañ\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A7BD5A/2020|2020-10-15|EPI_ISL_607375|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AA0211/2020|2020-10-20|EPI_ISL_611379|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B04CC1/2020|2020-10-23|EPI_ISL_651339|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/204761558/2020|2020-11-18|EPI_ISL_678738|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1BCB4D/2020|2020-12-02|EPI_ISL_764295|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4932AE/2020|2020-11-29|EPI_ISL_725863|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-95E50B/2020|2020-08-07|EPI_ISL_537111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1495/2020|2020-09-15|EPI_ISL_541622|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-14527/2020|2020-11-30|EPI_ISL_711819|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG332555/2020|2020-05-26|EPI_ISL_694354|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-BAFC04/2020|2020-11-17|EPI_ISL_720421|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/LR00040/2020|2020-07-04|EPI_ISL_515167|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Brazil/RS-00643/2020|2020-11-25|EPI_ISL_770590|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-CZB-13506/2020|2020-10-28|EPI_ISL_672516|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/BRIS-12CAF0/2020|2020-04-18|EPI_ISL_481887|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B40591/2020|2020-11-08|EPI_ISL_657124|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0210/2020|2020-05-04|EPI_ISL_515462|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Japan/PG-8411/2020|2020-08-00|EPI_ISL_687510|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/DR-RIVM-20247/2020|2020-11-23|EPI_ISL_723394|Original|hCoV-19^^Drenthe|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-C39257/2020|2020-12-08|EPI_ISL_731389|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-84C3D/2020|2020-03-11|EPI_ISL_440547|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC1369/2020|2020-04-13|EPI_ISL_563808|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94A450/2020|2020-06-11|EPI_ISL_556421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20031414/2020|2020-07-07|EPI_ISL_510099|Original|hCoV-19^^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/USA/OR-OHSU-3995/2020|2020-11-06|EPI_ISL_667519|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/CAMC-AB211F/2020|2020-10-23|EPI_ISL_623548|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AEBF3/2020|2020-05-04|EPI_ISL_448060|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-9C90EC/2020|2020-09-14|EPI_ISL_567213|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C993AD/2020|2020-12-18|EPI_ISL_777367|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC8C2/2020|2020-10-21|EPI_ISL_629263|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C0206/2020|2020-03-28|EPI_ISL_420198|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/204580491/2020|2020-11-05|EPI_ISL_683452|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-BB17D1/2020|2020-11-18|EPI_ISL_720077|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B981C3/2020|2020-11-15|EPI_ISL_674957|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A67D06/2020|2020-10-10|EPI_ISL_609019|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-010/2020|2020-03-10|EPI_ISL_417958|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-971845/2020|2020-08-18|EPI_ISL_553189|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3E38/2020|2020-10-22|EPI_ISL_624409|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0131/2020|2020-04-14|EPI_ISL_437770|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/BIRM-62998/2020|2020-08-25|EPI_ISL_529634|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22316/2020|2020-11-09|EPI_ISL_708292|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/South Africa/R12683-20/2020|2020-06-16|EPI_ISL_504224|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/MILK-9715B7/2020|2020-08-18|EPI_ISL_553134|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10490/2020|2020-11-02|EPI_ISL_670011|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB885/2020|2020-04-04|EPI_ISL_433264|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0509/2020|2020-06-10|EPI_ISL_508712|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-3688/2020|2020-09-07|EPI_ISL_615463|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-277985-01/2020|2020-11-22|EPI_ISL_754615|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Morocco/RMPS-11/2020|2020-04-24|EPI_ISL_482736|Original|hCoV-19^^Morocco|Human|LNR National Reference Laboratory|Medical Biotechnology Laboratory|Kartti|Morocco

>Spike|hCoV-19/Australia/VIC10149/2020|2020-08-14|EPI_ISL_562809|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/OXON-ADDF/2020|2020-00-00|EPI_ISL_448638|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-D1F38/2020|2020-08-29|EPI_ISL_540770|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F918750/2020|2020-03-11|EPI_ISL_561353|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/TX-HMH-6542/2020|2020-06-26|EPI_ISL_546068|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-6240/2020|2020-07-02|EPI_ISL_547334|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7FB56/2020|2020-04-17|EPI_ISL_433481|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-1B02CC/2020|2020-05-01|EPI_ISL_459270|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-295BB2/2020|2020-04-03|EPI_ISL_478653|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9223/2020|2020-11-16|EPI_ISL_668727|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/OCC-5/2020|2020-03-00|EPI_ISL_434620|Vero|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Laboratoire de virologie - \u00e9cole Nationale V\u00e9t\u00e9rinaire de Toulouse|Croville|France

>Spike|hCoV-19/Denmark/DCGC-1184/2020|2020-05-25|EPI_ISL_614830|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-B12914/2020|2020-11-02|EPI_ISL_649601|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0423/2020|2020-05-16|EPI_ISL_698597|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/France/PAC-MEPHI-2099/2020|2020-09-27|EPI_ISL_644495|Original|hCoV-19^^Provence-Alpes-Cote-d\u00e9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/NORW-ED3F1/2020|2020-05-28|EPI_ISL_472363|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/SHEF-CB292/2020|2020-04-21|EPI_ISL_453740|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B75223/2020|2020-11-12|EPI_ISL_740901|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20189054201/2020|2020-04-30|EPI_ISL_465536|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2D46F2/2020|2020-10-08|EPI_ISL_611589|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-181/2020|2020-05-08|EPI_ISL_523304|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/NB-RIVM-10305/2020|2020-03-04|EPI_ISL_636552|Original|hCoV-19^^NoordBrabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-19869/2020|2020-12-07|EPI_ISL_747840|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2201/2020|2020-04-00|EPI_ISL_685806|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16556/2020|2020-11-16|EPI_ISL_714216|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/LOM-UniMI12/2020|2020-03-17|EPI_ISL_780376|Original|hCoV-19^^Lombardy|Human|Laboratory of Infectious Diseases|Laboratory of Infectious Diseases|Lai|Italy

>Spike|hCoV-19/England/NORT-29C9EE/2020|2020-05-01|EPI_ISL_484288|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-260060/2020|2020-08-23|EPI_ISL_539386|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Indonesia/YO-UGM-107727/2020|2020-07-30|EPI_ISL_576145|Original|hCoV-19^^Special Region of Yogyakarta|Human|RSA Universitas Gadjah Mada|Genetics Working Group (Pokja Genetik) Faculty of Medicine|Gunadi|Indonesia

>Spike|hCoV-19/England/SHEF-10B2FA3/2020|2020-05-24|EPI_ISL_537259|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-103611-01/2020|2020-05-15|EPI_ISL_676940|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/GE-SNRCI-29943121/2020|2020-02-27|EPI_ISL_414019|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Norway/4995/2020|2020-10-23|EPI_ISL_708034|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/UT-UPHL-2012216158/2020|2020-11-30|EPI_ISL_746841|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Scotland/QEUA-A5E616/2020|2020-10-12|EPI_ISL_609202|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9D48B9/2020|2020-09-19|EPI_ISL_601725|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201421353/2020|2020-03-30|EPI_ISL_465964|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489900/2020|2020-10-23|EPI_ISL_652424|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-03033/2020|2020-05-01|EPI_ISL_522305|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9CD4CE/2020|2020-09-16|EPI_ISL_566354|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2057/2020|2020-11-09|EPI_ISL_732271|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-8958/2020|2020-09-00|EPI_ISL_686504|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-4103/2020|2020-09-14|EPI_ISL_622059|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-083/2020|2020-06-01|EPI_ISL_464161|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-10481/2020|2020-11-02|EPI_ISL_670004|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR1993/2020|2020-04-09|EPI_ISL_433271|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-AF11D8/2020|2020-10-29|EPI_ISL_666008|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Africa/R12701-20/2020|2020-06-16|EPI_ISL_504231|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-5228/2020|2020-09-14|EPI_ISL_615899|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A84B3/2020|2020-03-26|EPI_ISL_517170|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE7150916/2020|2020-08-24|EPI_ISL_653924|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Samoilov|Russia

>Spike|hCoV-19/England/201360170/2020|2020-03-24|EPI_ISL_421769|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2293/2020|2020-06-20|EPI_ISL_513784|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Germany/SH-ChVir3214/2020|2020-03-23|EPI_ISL_729544|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/Australia/VIC15223/2020|2020-08-03|EPI_ISL_593201|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/201160067/2020|2020-03-11|EPI_ISL_464784|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-10E0F2/2020|2020-03-19|EPI_ISL_425498|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16608F/2020|2020-05-15|EPI_ISL_490831|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FA31/2020|2020-12-09|EPI_ISL_743308|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-167F36/2020|2020-05-28|EPI_ISL_494177|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Malaysia/7618/2020|2020-03-17|EPI_ISL_501221|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/Portugal/PT0707/2020|2020-03-22|EPI_ISL_510966|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-1571/2020|2020-06-15|EPI_ISL_618141|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/P2-2/2020|2020-03-10|EPI_ISL_419298|Original|hCoV-19^^Chiba|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-0264/2020|2020-03-00|EPI_ISL_479948|Original|hCoV-19^^Kansai|Human|Osaka Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Uganda/UG032/2020|2020-05-07|EPI_ISL_737938|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/England/QEUH-C93464/2020|2020-12-16|EPI_ISL_761974|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF8A7/2020|2020-10-23|EPI_ISL_631045|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC90FA/2020|2020-10-21|EPI_ISL_630319|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4519/2020|2020-06-19|EPI_ISL_543688|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1882/2020|2020-04-16|EPI_ISL_480592|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-2C7BE/2020|2020-03-31|EPI_ISL_445910|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1000/2020|2020-07-17|EPI_ISL_509809|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/WA151/2020|2020-03-11|EPI_ISL_596714|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-9E592B/2020|2020-09-24|EPI_ISL_589466|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8381/2020|2020-10-14|EPI_ISL_612350|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-A70362/2020|2020-10-15|EPI_ISL_607806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-320579/2020|2020-10-12|EPI_ISL_737608|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/France/OCC-75/2020|2020-08-24|EPI_ISL_593889|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Scotland/GCVR-1724EE/2020|2020-03-30|EPI_ISL_470003|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547302/2020|2020-07-01|EPI_ISL_695474|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Sweden/20-50303/2020|2020-03-10|EPI_ISL_560972|Original|hCoV-19^^Vastmanland|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/VIC9920/2020|2020-08-26|EPI_ISL_562174|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC2424/2020|2020-06-27|EPI_ISL_522134|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-D3FCD/2020|2020-04-04|EPI_ISL_444079|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/BRIS-12231D/2020|2020-03-23|EPI_ISL_440068|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0191/2020|2020-04-15|EPI_ISL_437407|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-B2CEDC/2020|2020-11-04|EPI_ISL_659767|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C33F29/2020|2020-12-11|EPI_ISL_733916|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/NI-CV244/2020|2020-07-02|EPI_ISL_729929|Original|hCoV-19^^Niger State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Austria/CeMM0735/2020|2020-05-15|EPI_ISL_583677|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/MDH-8137/2020|2020-03-13|EPI_ISL_454430|Original|hCoV-19^^Maryland|Human|Maryland Department of Health Laboratories Administration|Maryland Department of Health Laboratories Administration|Vepachedu|USA

>Spike|hCoV-19/England/CAMB-A985B9/2020|2020-12-24|EPI_ISL_764351|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Netherlands/NA_467/2020|2020-04-13|EPI_ISL_455269|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-4A4046/2020|2020-12-14|EPI_ISL_764654|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-975FB5/2020|2020-08-20|EPI_ISL_552747|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7686/2020|2020-08-00|EPI_ISL_686788|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/CL-IBV-97006258/2020|2020-04-20|EPI_ISL_537630|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-2D4D4/2020|2020-04-04|EPI_ISL_445992|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1896/2020|2020-07-06|EPI_ISL_622563|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR2032/2020|2020-04-01|EPI_ISL_456339|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL|Institute of Environmental Science and Research (ESR) |de Ligt|New Zealand

>Spike|hCoV-19/England/CAMB-7A881/2020|2020-04-02|EPI_ISL_441069|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42217811/2020|2020-04-02|EPI_ISL_581829|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-UCLA-139/2020|2020-04-10|EPI_ISL_537483|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Wales/PHWC-49160E/2020|2020-10-28|EPI_ISL_703299|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2048/2020|2020-02-21|EPI_ISL_471454|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUA-99B159/2020|2020-08-30|EPI_ISL_559766|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL615/2020|2020-08-06|EPI_ISL_579019|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Ireland/LK-NVRL-78IRL74498/2020|2020-11-23|EPI_ISL_752571|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Sweden/KI-CTMR-V300056977-4A/2020|2020-03-00|EPI_ISL_444492|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|CTMR|Hu|Sweden

>Spike|hCoV-19/England/QEUA-B668F6/2020|2020-11-11|EPI_ISL_662295|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C58D06/2020|2020-12-14|EPI_ISL_735905|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010022/2020|2020-03-22|EPI_ISL_683676|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u00b9|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-B3ABC5/2020|2020-11-01|EPI_ISL_679713|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-BFCD23/2020|2020-12-02|EPI_ISL_720859|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0161/2020|2020-10-09|EPI_ISL_770002|Original|hCoV-19^^Guanacaste|Human|Area De Salud La Cruz|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Wales/PHWC-491A5D/2020|2020-11-10|EPI_ISL_706731|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160568/2020|2020-05-20|EPI_ISL_479293|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2346/2020|2020-06-25|EPI_ISL_522067|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p1768/2020|2020-03-19|EPI_ISL_776142|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUAH-96AD8C/2020|2020-08-15|EPI_ISL_531326|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-5660D6/2020|2020-06-15|EPI_ISL_558262|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A964BE/2020|2020-10-20|EPI_ISL_624570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D411/2020|2020-04-06|EPI_ISL_442337|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-CB587F/2020|2020-12-16|EPI_ISL_761717|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84DB7/2020|2020-11-14|EPI_ISL_675892|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_Al-52/2020|2020-07-19|EPI_ISL_775012|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/LIVE-A28F9/2020|2020-06-10|EPI_ISL_500011|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4190/2020|2020-08-13|EPI_ISL_648876|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-B3C932/2020|2020-11-02|EPI_ISL_706169|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012376/2020|2020-11-18|EPI_ISL_780014|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/France/ARA-12371/2020|2020-03-23|EPI_ISL_420604|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/CAMB-1B4C8E/2020|2020-06-14|EPI_ISL_473505|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/NOTT-10E47E/2020|2020-03-22|EPI_ISL_425549|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DF07/2020|2020-12-05|EPI_ISL_742929|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9EC5E/2020|2020-04-03|EPI_ISL_453381|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/DL-62368-CSIR-IGIB/2020|2020-08-08|EPI_ISL_636776|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/USA/MD-HP12021/2020|2020-11-07|EPI_ISL_791342|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/ALDP-95AFB6/2020|2020-06-15|EPI_ISL_555613|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12045/2020|2020-09-19|EPI_ISL_789794|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AB789/2020|2020-04-28|EPI_ISL_444331|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-A18478/2020|2020-10-01|EPI_ISL_595036|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/AZ-TG305869/2020|2020-04-28|EPI_ISL_694285|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-2982/2020|2020-04-17|EPI_ISL_543910|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/1333/2020|2020-06-02|EPI_ISL_648682|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Netherlands/NoordHolland_16/2020|2020-04-27|EPI_ISL_461206|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-809/2020|2020-04-20|EPI_ISL_614700|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-13434/2020|2020-11-30|EPI_ISL_712797|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ID-CDC-2-3714453/2020|2020-11-15|EPI_ISL_751567|Original|hCoV-19^^Idaho|Human|ID Bureau of Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-4337/2020|2020-06-19|EPI_ISL_543542|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS8577854/2020|2020-06-15|EPI_ISL_744766|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/EDB3798/2020|2020-04-29|EPI_ISL_439328|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004278-CE1/2020|2020-11-05|EPI_ISL_660162|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-48A7E7/2020|2020-11-04|EPI_ISL_652600|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-BCBE1B/2020|2020-11-27|EPI_ISL_704223|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5628764/2020|2020-11-19|EPI_ISL_744263|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Canada/QC-LSPQ-L00218308/2020|2020-03-14|EPI_ISL_535774|Original|hCoV-19^^Quebec|Human|CHUL-LABO MULTI / MICRO|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/WA-S739/2020|2020-04-13|EPI_ISL_449909|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Hungary/US-31849w/2020|2020-08-31|EPI_ISL_677737|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/NY-NYCPHL-001340/2020|2020-11-13|EPI_ISL_683882|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/France/GES-8539/2020|2020-05-28|EPI_ISL_560588|Original|hCoV-19^^Grand-Est|Human|Hopital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/EXET-13A0EE/2020|2020-11-08|EPI_ISL_664293|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wuhan/YB012504/2020|2020-01-25|EPI_ISL_450489|Original|hCoV-19^^Hubei|Human|Wuhan Institute of Virology|Wuhan Institute of Virology|Shi|China

>Spike|hCoV-19/Switzerland/BS-ETHZ-110004/2020|2020-04-01|EPI_ISL_486445|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-49869E/2020|2020-11-23|EPI_ISL_727109|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-240029/2020|2020-08-10|EPI_ISL_523877|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-6234/2020|2020-08-00|EPI_ISL_689346|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-BABC08/2020|2020-11-18|EPI_ISL_681364|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D8D10/2020|2020-09-18|EPI_ISL_576664|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15807/2020|2020-11-23|EPI_ISL_714032|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC7821/2020|2020-08-09|EPI_ISL_564679|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC17190/2020|2020-08-07|EPI_ISL_663784|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B85008/2020|2020-11-13|EPI_ISL_675788|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20ILR10844/2020|2020-11-18|EPI_ISL_732403|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Iceland/218/2020|2020-03-16|EPI_ISL_417834|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/AZ-TG668371/2020|2020-05-13|EPI_ISL_696287|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-B99177/2020|2020-11-15|EPI_ISL_673675|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012255913/2020|2020-08-14|EPI_ISL_745569|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-13248/2020|2020-11-30|EPI_ISL_712679|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS5239699/2020|2020-11-30|EPI_ISL_770940|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-22463/2020|2020-12-14|EPI_ISL_757574|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/reg-0804735/2020|2020-08-04|EPI_ISL_734911|Original|hCoV-19^^Deurne|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-AA1492/2020|2020-10-22|EPI_ISL_624060|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2710/2020|2020-10-22|EPI_ISL_630765|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/MV-ChVir1689/2020|2020-03-02|EPI_ISL_729480|Original|hCoV-19^^Mecklenburg-Western Pomerania|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Norway/6515/2020|2020-10-30|EPI_ISL_775502|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/MILK-822D18/2020|2020-07-15|EPI_ISL_557314|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9643/2020|2020-07-26|EPI_ISL_526383|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-AD1CA0/2020|2020-10-26|EPI_ISL_629905|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LK-UHL140/2020|2020-04-08|EPI_ISL_681732|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/MN-MDH-1723/2020|2020-09-16|EPI_ISL_576232|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NOTT-110D14/2020|2020-04-29|EPI_ISL_448409|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-75IRL86068/2020|2020-10-14|EPI_ISL_671896|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-9F186B/2020|2020-09-25|EPI_ISL_589642|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4308/2020|2020-10-06|EPI_ISL_635190|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/CAMB-7AFAA/2020|2020-04-09|EPI_ISL_433902|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-350018/2020|2020-11-03|EPI_ISL_693792|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-14960/2020|2020-10-14|EPI_ISL_786444|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB6336/2020|2020-06-04|EPI_ISL_473942|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Portugal/PT1253/2020|2020-03-17|EPI_ISL_511214|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Denmark/ALAB-SSI-709/2020|2020-03-28|EPI_ISL_444868|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-1555/2020|2020-04-13|EPI_ISL_618660|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22698/2020|2020-12-08|EPI_ISL_767347|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-BB8C35/2020|2020-11-20|EPI_ISL_702735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1252064/2020|2020-11-30|EPI_ISL_703886|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Japan/IC-0299/2020|2020-11-00|EPI_ISL_667728|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-8B9903/2020|2020-06-29|EPI_ISL_557049|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-13099/2020|2020-12-29|EPI_ISL_789022|Original|hCoV-19^^Stockholm|Human|ABC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/LIVE-A737B/2020|2020-03-28|EPI_ISL_517009|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1B82A6/2020|2020-10-22|EPI_ISL_637699|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-569/2020|2020-08-31|EPI_ISL_700213|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/204481774/2020|2020-10-30|EPI_ISL_653992|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir9280/2020|2020-10-02|EPI_ISL_729612|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/CAMC-A65281/2020|2020-10-11|EPI_ISL_637756|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORW-F7093/2020|2020-12-07|EPI_ISL_725324|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B098C8/2020|2020-10-30|EPI_ISL_673202|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D764A/2020|2020-11-04|EPI_ISL_652621|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D0738/2020|2020-09-16|EPI_ISL_590007|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_557/2020|2020-04-11|EPI_ISL_460723|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A51613/2020|2020-10-07|EPI_ISL_598025|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/N00030/2020|2020-08-11|EPI_ISL_623053|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/CAMC-B99E52/2020|2020-11-15|EPI_ISL_673808|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1283/2020|2020-05-06|EPI_ISL_494479|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-5993/2020|2020-09-28|EPI_ISL_621102|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9CB91C/2020|2020-09-16|EPI_ISL_575448|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0309/2020|2020-05-18|EPI_ISL_698177|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMB-1BAF07/2020|2020-11-11|EPI_ISL_664805|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/France/ARA-74594/2020|2020-09-17|EPI_ISL_693500|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-2409/2020|2020-08-10|EPI_ISL_617591|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16528/2020|2020-11-16|EPI_ISL_714817|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Peru/LIM-UPCH-0032/2020|2020-06-17|EPI_ISL_540932|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Spain/MD-IBV-005283/2020|2020-03-12|EPI_ISL_510169|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8257/2020|2020-08-00|EPI_ISL_687356|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-9549/2020|2020-11-09|EPI_ISL_669033|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0346/2020|2020-05-15|EPI_ISL_698521|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-AA556E/2020|2020-10-22|EPI_ISL_625040|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1430/2020|2020-03-28|EPI_ISL_494597|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20134027904/2020|2020-03-23|EPI_ISL_423138|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482E62/2020|2020-10-16|EPI_ISL_627749|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F23E1/2020|2020-09-24|EPI_ISL_589086|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0BD6/2020|2020-11-17|EPI_ISL_720482|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0534/2020|2020-03-13|EPI_ISL_485835|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-17621/2020|2020-12-14|EPI_ISL_751110|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B38D58/2020|2020-11-01|EPI_ISL_659058|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11891/2020|2020-10-26|EPI_ISL_671200|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/GR-ETHZ-100319/2020|2020-03-18|EPI_ISL_574948|Original|hCoV-19^^Graub\u00f6nden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CT-Yale-615/2020|2020-05-09|EPI_ISL_730076|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/MI-UM-2006S005728/2020|2020-03-30|EPI_ISL_495596|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/CA-CZB-15069/2020|2020-11-19|EPI_ISL_738903|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUIH-AAB0FE/2020|2020-10-21|EPI_ISL_652772|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-AEA970/2020|2020-10-26|EPI_ISL_633311|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A5537/2020|2020-12-15|EPI_ISL_764881|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-963354/2020|2020-08-11|EPI_ISL_531617|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S293/2020|2020-03-28|EPI_ISL_755856|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/201060019/2020|2020-03-03|EPI_ISL_464364|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-AC736C/2020|2020-10-22|EPI_ISL_630241|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00051/2020|2020-03-24|EPI_ISL_460375|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Kenya/C4730/2020|2020-05-08|EPI_ISL_568738|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Brazil/RJ-2062/2020|2020-04-16|EPI_ISL_456103|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Denmark/DCGC-21369/2020|2020-12-21|EPI_ISL_758133|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/601/2020|2020-03-28|EPI_ISL_424621|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Scotland/CVR5252/2020|2020-10-15|EPI_ISL_627414|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/WSFT-25C0FD7/2020|2020-05-16|EPI_ISL_492838|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C6B2/2020|2020-12-10|EPI_ISL_731572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20386/2020|2020-12-07|EPI_ISL_728606|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-9AA1A2/2020|2020-09-01|EPI_ISL_550985|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1936/2020|2020-06-03|EPI_ISL_497364|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/NOTT-11F7CC/2020|2020-11-26|EPI_ISL_725569|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0739/2020|2020-05-15|EPI_ISL_698888|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-903BA9/2020|2020-06-23|EPI_ISL_552869|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUAH-A1F57E/2020|2020-10-01|EPI_ISL_598967|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2607D/2020|2020-03-25|EPI_ISL_422322|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B6345F/2020|2020-11-09|EPI_ISL_656578|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495AFF/2020|2020-11-24|EPI_ISL_726439|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1683A2/2020|2020-05-22|EPI_ISL_494234|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17812/2020|2020-12-14|EPI_ISL_749185|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-E9814/2020|2020-04-23|EPI_ISL_448336|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1406/2020|2020-06-09|EPI_ISL_671643|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Portugal/PT0834/2020|2020-03-22|EPI_ISL_511093|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/France/OCC-SC471/2020|2020-03-10|EPI_ISL_644685|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUA-96074C/2020|2020-08-04|EPI_ISL_532059|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF15EB/2020|2020-10-29|EPI_ISL_666016|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-49C102/2020|2020-06-12|EPI_ISL_559549|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E93DE/2020|2020-09-24|EPI_ISL_584212|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15172/2020|2020-11-23|EPI_ISL_713147|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20130056303/2020|2020-03-20|EPI_ISL_420496|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A692E7/2020|2020-10-10|EPI_ISL_609012|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98010715/2020|2020-10-07|EPI_ISL_722270|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-15953/2020|2020-11-23|EPI_ISL_714503|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-53878/2020|2020-12-22|EPI_ISL_766724|Original|hCoV-19^^Vastra Gotalandsregionen|Human|TATAA Biocenter|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/EDB3222/2020|2020-04-06|EPI_ISL_488941|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02707/2020|2020-09-22|EPI_ISL_765594|Original|hCoV-19^^Massachusetts|Human|Brigham and Womens Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Singapore/36/2020|2020-02-16|EPI_ISL_422429|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-3149/2020|2020-08-31|EPI_ISL_615969|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-C6203D/2020|2020-12-13|EPI_ISL_735696|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-98F316/2020|2020-08-25|EPI_ISL_540390|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS-BSH-isl-1/2020|2020-04-29|EPI_ISL_605898|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/Australia/NSW288/2020|2020-03-30|EPI_ISL_451552|Original|hCoV-19^^New South Wales|Human|Pathology North - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-5BCD52/2020|2020-06-18|EPI_ISL_558746|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S360/2020|2020-03-25|EPI_ISL_434120|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMC-945CD5/2020|2020-07-13|EPI_ISL_556699|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/Pskov-83602/2020|2020-03-25|EPI_ISL_428908|Vero|hCoV-19^^Pskov|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/USA/AZ-TG664536/2020|2020-04-20|EPI_ISL_696153|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/CA-SR0225/2020|2020-04-06|EPI_ISL_437575|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-240072/2020|2020-08-10|EPI_ISL_523910|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-Wadsworth-280624-01/2020|2020-11-30|EPI_ISL_754410|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-5155/2020|2020-06-20|EPI_ISL_544564|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-2312/2020|2020-08-10|EPI_ISL_617737|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-28099/2020|2020-10-27|EPI_ISL_661004|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/FL-BPHL-1911/2020|2020-07-17|EPI_ISL_613726|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18625/2020|2020-11-22|EPI_ISL_784973|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-A4C7EB/2020|2020-10-08|EPI_ISL_596001|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM51850514/2020|2020-11-13|EPI_ISL_753309|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/MILK-9AB4A8/2020|2020-08-31|EPI_ISL_551260|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2048918/2020|2020-07-23|EPI_ISL_740048|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/VD-ETHZ-260076/2020|2020-08-25|EPI_ISL_539398|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-9C3185/2020|2020-09-10|EPI_ISL_566940|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12DB0B/2020|2020-05-31|EPI_ISL_481831|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15657/2020|2020-11-23|EPI_ISL_713943|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A5639F/2020|2020-10-08|EPI_ISL_595151|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2938/2020|2020-07-16|EPI_ISL_635741|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LOND-D5EBF/2020|2020-04-19|EPI_ISL_444256|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-955B02/2020|2020-06-12|EPI_ISL_553986|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46365/2020|2020-10-02|EPI_ISL_598704|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9792/2020|2020-07-24|EPI_ISL_565720|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DC2DCA/2020|2020-11-24|EPI_ISL_703167|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/EDB4732/2020|2020-04-27|EPI_ISL_453139|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/IC-0581/2020|2020-10-00|EPI_ISL_779667|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-12650/2020|2020-08-31|EPI_ISL_790443|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A50957/2020|2020-10-07|EPI_ISL_597667|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-MSHS-op4d1/2020|2020-03-08|EPI_ISL_415661|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Laboratory of Molecular Virology|MSHS Pathogen Surveillance Program|van Bakel|Chile

>Spike|hCoV-19/Spain/MD-H12-45/2020|2020-08-04|EPI_ISL_534328|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/USA/UT-04229/2020|2020-05-15|EPI_ISL_522324|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB8284/2020|2020-10-10|EPI_ISL_594838|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-103075/2020|2020-04-20|EPI_ISL_489226|Original|hCoV-19^^Northern Ireland|Human|Regional Virus

Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-121BAD/2020|2020-03-17|EPI_ISL_440198|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Japan/PG-3255/2020|2020-06-00|EPI_ISL_691370|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Switzerland/ZH-ETHZ-220029/2020|2020-07-28|EPI_ISL_512012|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/CAMB-7EF79/2020|2020-04-07|EPI_ISL_442923|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-13316/2020|2020-11-30|EPI_ISL_712097|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/MI-QDX-354/2020|2020-03-23|EPI_ISL_571098|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Scotland/EDB2361/2020|2020-04-22|EPI_ISL_439190|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/Australia/VIC11630/2020|2020-07-24|EPI_ISL_591828|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/NOTT-1108B9/2020|2020-04-29|EPI_ISL_441873|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/USA/WA-UW-12378/2020|2020-06-27|EPI_ISL_570521|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Canada/MB-NML-598/2020|2020-05-07|EPI_ISL_582283|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Spike|hCoV-19/Guadeloupe/IPG-7347/2020|2020-03-30|EPI_ISL_613444|Original|hCoV-19^^Baie-Mahault|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe
>Spike|hCoV-19/England/QEUEH-C7F835/2020|2020-12-16|EPI_ISL_762956|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-94B8F9/2020|2020-06-11|EPI_ISL_556415|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-0669/2020|2020-03-13|EPI_ISL_509727|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Austria/CeMM0722/2020|2020-05-14|EPI_ISL_583669|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/England/ALDP-B83F0D/2020|2020-11-14|EPI_ISL_674369|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B07A3D/2020|2020-10-29|EPI_ISL_643746|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1B2804/2020|2020-05-13|EPI_ISL_469898|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Jordan/SR-0335/2020|2020-04-08|EPI_ISL_450187|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/CVR4417/2020|2020-09-18|EPI_ISL_585291|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9AEFC2/2020|2020-09-03|EPI_ISL_573522|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DED83/2020|2020-09-21|EPI_ISL_584827|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/un-EMC-738/2020|2020-06-10|EPI_ISL_523493|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Iraq/ICGEB-5T/2020|2020-06-30|EPI_ISL_582030|Original|hCoV-19^^Al-Muthanna Province|Human|Biology Department|International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform|Marcello|Iraq

>Spike|hCoV-19/England/ALDP-B82B19/2020|2020-11-14|EPI_ISL_675530|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL_1177/2020|2020-03-06|EPI_ISL_424857|Original|hCoV-19^^Florida|Human|FL Bur. of Public Health Laboratories-Jacksonville|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/BRIS-1291C1/2020|2020-04-19|EPI_ISL_458740|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Taiwan/NTU03/2020|2020-03-02|EPI_ISL_413592|Vero E6|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/Scotland/CVR2694/2020|2020-04-18|EPI_ISL_484642|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Portugal/PT0553/2020|2020-04-07|EPI_ISL_454276|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/QEUEH-A8B294/2020|2020-10-16|EPI_ISL_647858|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regal-12111443/2020|2020-12-11|EPI_ISL_738495|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CZB-1926/2020|2020-04-23|EPI_ISL_486216|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/QEUEH-AD4C43/2020|2020-10-26|EPI_ISL_634571|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0434313/2020|2020-11-13|EPI_ISL_739774|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/EDB4389/2020|2020-05-04|EPI_ISL_526483|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16243/2020|2020-11-16|EPI_ISL_714661|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0175/2020|2020-06-05|EPI_ISL_482702|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Canada/ON-PHL-20-03721/2020|2020-11-00|EPI_ISL_775202|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-8766/2020|2020-10-26|EPI_ISL_626069|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB821/2020|2020-04-04|EPI_ISL_433250|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-9B7306/2020|2020-09-07|EPI_ISL_590675|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A216A3/2020|2020-10-01|EPI_ISL_587525|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-UNM-IBL068/2020|2020-03-20|EPI_ISL_632863|Original|hCoV-19^^Idaho|Human|Idaho Bureau of Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/MO-QDX-674/2020|2020-03-18|EPI_ISL_571473|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/PORT-2D1E39/2020|2020-04-06|EPI_ISL_499284|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-AADDAA/2020|2020-10-20|EPI_ISL_721547|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S551/2020|2020-03-24|EPI_ISL_434311|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/NORW-E8DAD/2020|2020-04-28|EPI_ISL_461807|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-16FDCB/2020|2020-03-22|EPI_ISL_489670|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8570/2020|2020-08-17|EPI_ISL_565096|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16E500/2020|2020-09-29|EPI_ISL_585729|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B77090/2020|2020-11-12|EPI_ISL_723844|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-211/2020|2020-03-28|EPI_ISL_436306|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Wales/PHWC-2723A/2020|2020-03-30|EPI_ISL_432317|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B958E/2020|2020-11-02|EPI_ISL_679140|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/EDB2766/2020|2020-03-29|EPI_ISL_487654|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A52384/2020|2020-10-07|EPI_ISL_598149|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-125186D/2020|2020-11-20|EPI_ISL_679445|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/CAMC-BD2AE0/2020|2020-11-28|EPI_ISL_702173|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI497/2020|2020-03-26|EPI_ISL_429571|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1776/2020|2020-03-19|EPI_ISL_776149|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-BC6205/2020|2020-11-22|EPI_ISL_721259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16C1A4/2020|2020-09-20|EPI_ISL_574020|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/BAS-IZSPB-358PT/2020|2020-10-29|EPI_ISL_722903|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/USA/MN-MDH-1991/2020|2020-10-22|EPI_ISL_634865|Original|hCoV-19^^Minnesota|Human|HealthPartners Central Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUEH-9D15A6/2020|2020-09-14|EPI_ISL_577290|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC52C9/2020|2020-12-21|EPI_ISL_760440|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0260/2020|2020-04-11|EPI_ISL_509084|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/LIVE-DC9A80/2020|2020-12-05|EPI_ISL_705032|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-C6B1F5/2020|2020-12-14|EPI_ISL_778593|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C2D317/2020|2020-12-07|EPI_ISL_733741|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2959/2020|2020-04-00|EPI_ISL_691085|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-PROV-061/2020|2020-04-13|EPI_ISL_482341|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Australia/VIC11877/2020|2020-08-10|EPI_ISL_591880|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17066/2020|2020-12-14|EPI_ISL_750273|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH833/2020|2020-05-24|EPI_ISL_513006|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Japan/PG-6855/2020|2020-09-00|EPI_ISL_687963|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10725/2020|2020-11-02|EPI_ISL_670163|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S631/2020|2020-04-17|EPI_ISL_438184|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMC-B20843/2020|2020-11-01|EPI_ISL_649493|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00068/2020|2020-12-21|EPI_ISL_766005|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Denmark/DCGC-6825/2020|2020-10-12|EPI_ISL_619522|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6110/2020|2020-07-04|EPI_ISL_547246|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A2F9BB/2020|2020-10-05|EPI_ISL_587286|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG520830/2020|2020-07-20|EPI_ISL_695374|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Luxembourg/LNS2117299/2020|2020-07-10|EPI_ISL_740062|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/FL-BPHL-0801/2020|2020-07-14|EPI_ISL_514147|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-A945EA/2020|2020-10-19|EPI_ISL_624626|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4164/2020|2020-09-21|EPI_ISL_621984|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC_AB1/2020|2020-04-05|EPI_ISL_444499|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/LA-EVTL1431/2020|2020-12-15|EPI_ISL_779097|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/20139027104/2020|2020-03-26|EPI_ISL_421901|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB131/2020|2020-03-23|EPI_ISL_425910|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-B11344/2020|2020-11-02|EPI_ISL_642752|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020321221/2020|2020-09-03|EPI_ISL_575292|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/USA/UT-UPHL-2008881/2020|2020-05-22|EPI_ISL_524995|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-7681/2020|2020-08-00|EPI_ISL_686783|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-ADB9B/2020|2020-00-00|EPI_ISL_448619|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/203020505/2020|2020-07-10|EPI_ISL_500711|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-BAB7F8/2020|2020-11-18|EPI_ISL_681522|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2005210130/2020|2020-05-20|EPI_ISL_677291|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Denmark/DCGC-16892/2020|2020-12-14|EPI_ISL_750625|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-1B72A49/2020|2020-12-06|EPI_ISL_724910|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-95CEF3/2020|2020-06-16|EPI_ISL_553410|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C52EBE/2020|2020-12-11|EPI_ISL_736307|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BBECD/2020|2020-00-00|EPI_ISL_723851|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6945/2020|2020-10-12|EPI_ISL_619791|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/201580189/2020|2020-04-09|EPI_ISL_466359|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC1D1/2020|2020-09-24|EPI_ISL_580471|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-69843-CSIR-IGIB/2020|2020-08-14|EPI_ISL_636768|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/CAMB-7BE15/2020|2020-04-05|EPI_ISL_442132|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Brazil/SP-L26-CD565/2020|2020-04-21|EPI_ISL_672739|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo (HC-FMUSP)|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Australia/VIC7799/2020|2020-08-02|EPI_ISL_564667|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-BC0DFB/2020|2020-11-22|EPI_ISL_704837|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6671/2020|2020-07-00|EPI_ISL_687782|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-AD15F0/2020|2020-10-24|EPI_ISL_633877|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4974/2020|2020-10-06|EPI_ISL_730247|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Switzerland/BL-ETHZ-240018/2020|2020-08-10|EPI_ISL_523869|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/ZH-EMC-427/2020|2020-08-11|EPI_ISL_523766|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CZB-10855/2020|2020-07-29|EPI_ISL_583099|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-13417/2020|2020-09-03|EPI_ISL_672464|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22692/2020|2020-11-19|EPI_ISL_737306|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC3260/2020|2020-07-13|EPI_ISL_520939|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Iceland/268/2020|2020-03-17|EPI_ISL_417596|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Luxembourg/LNS8628138/2020|2020-10-26|EPI_ISL_744778|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-8363/2020|2020-07-00|EPI_ISL_687462|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-7016/2020|2020-04-06|EPI_ISL_570162|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-420299/2020|2020-12-20|EPI_ISL_768034|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/ULG-10784/2020|2020-11-16|EPI_ISL_661220|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-AA5003/2020|2020-10-22|EPI_ISL_630927|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C0989/2020|2020-05-02|EPI_ISL_457581|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D564/2020|2020-11-09|EPI_ISL_678912|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9CDDC3/2020|2020-09-16|EPI_ISL_566139|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2898F6/2020|2020-04-01|EPI_ISL_458702|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C321E8/2020|2020-12-11|EPI_ISL_782612|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2254/2020|2020-10-07|EPI_ISL_728023|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-6FEA6B/2020|2020-06-29|EPI_ISL_581427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1892/2020|2020-05-28|EPI_ISL_496318|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-7971C/2020|2020-04-04|EPI_ISL_441088|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-BB92D8/2020|2020-11-21|EPI_ISL_702397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004430/2020|2020-04-14|EPI_ISL_583924|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC3868/2020|2020-07-13|EPI_ISL_520581|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19382/2020|2020-12-07|EPI_ISL_748219|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/292/2020|2020-03-18|EPI_ISL_417621|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/India/MH-MW5/2020|2020-04-27|EPI_ISL_508439|Original|hCoV-19^^Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/BRIS-125BF4/2020|2020-03-30|EPI_ISL_443781|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B2CF33/2020|2020-11-04|EPI_ISL_680574|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3766/2020|2020-04-20|EPI_ISL_622662|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/HDF-5650/2020|2020-04-02|EPI_ISL_443284|Original|hCoV-19^^Hauts-de-France|Human|Laboratoire de Microbiologie - B\u00e2timent A - CH Ren\u00e9 Dubois|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-12696/2020|2020-11-16|EPI_ISL_682877|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/GES-8771/2020|2020-03-10|EPI_ISL_560621|Original|hCoV-19^^Grand-Est|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Wales/MILK-9AA6B2/2020|2020-08-30|EPI_ISL_550945|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB150/2020|2020-03-25|EPI_ISL_448941|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Australia/NSW41/2020|2020-03-10|EPI_ISL_417399|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Eden|Australia

>Spike|hCoV-19/USA/AZ-TG498744/2020|2020-07-14|EPI_ISL_695270|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC17845/2020|2020-07-27|EPI_ISL_779496|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/ALDP-A95EB1/2020|2020-10-19|EPI_ISL_624722|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2EF0F/2020|2020-04-07|EPI_ISL_446174|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21353/2020|2020-04-03|EPI_ISL_507607|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMB-1AB26A/2020|2020-04-20|EPI_ISL_470302|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2067/2020|2020-04-10|EPI_ISL_477849|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0205443/2020|2020-11-15|EPI_ISL_739736|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-BC18DB/2020|2020-11-21|EPI_ISL_703076|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163143/2020|2020-05-21|EPI_ISL_473252|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00233702/2020|2020-03-23|EPI_ISL_536035|Original|hCoV-19^^Quebec|Human|Centre de SSS de Trois-Rivi\u00e8res|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-A46893/2020|2020-10-05|EPI_ISL_598615|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NB_245/2020|2020-03-24|EPI_ISL_481743|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Grudeski|Canada

>Spike|hCoV-19/Germany/HH-hpi-p1908/2020|2020-03-24|EPI_ISL_776243|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUH-B7C365/2020|2020-11-13|EPI_ISL_668307|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A9D1A1/2020|2020-10-20|EPI_ISL_665982|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Canada/ON-S920/2020|2020-04-13|EPI_ISL_586488|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CA-ALSR-3081/2020|2020-09-01|EPI_ISL_635833|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-19791/2020|2020-12-07|EPI_ISL_747791|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-UW264/2020|2020-03-13|EPI_ISL_418049|Original|hCoV-19^^Minnesota|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/AZ-TG517452/2020|2020-06-26|EPI_ISL_695323|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/20422147304/2020|2020-09-20|EPI_ISL_584061|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A2EC/2020|2020-11-14|EPI_ISL_673561|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F8CE/2020|2020-12-09|EPI_ISL_743285|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000792/2020|2020-03-09|EPI_ISL_452722|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48AC42/2020|2020-11-06|EPI_ISL_666138|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20129020504/2020|2020-03-20|EPI_ISL_424011|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC556/2020|2020-03-25|EPI_ISL_426817|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6293/2020|2020-07-00|EPI_ISL_689404|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1001/2020|2020-04-30|EPI_ISL_462846|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CO-CDPHE-2100014301/2020|2020-11-19|EPI_ISL_771302|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/SHEF-C20EC/2020|2020-08-06|EPI_ISL_517545|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC17156/2020|2020-08-15|EPI_ISL_663770|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-1728/2020|2020-10-01|EPI_ISL_613854|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Italy/APU-IZSPB_321PT/2020|2020-04-11|EPI_ISL_653814|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Denmark/DCGC-11167/2020|2020-11-02|EPI_ISL_670431|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K001361/2020|2020-07-16|EPI_ISL_515846|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/LIVE-DC7E3B/2020|2020-11-16|EPI_ISL_705932|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-4021/2020|2020-07-00|EPI_ISL_692262|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S2485/2020|2020-06-16|EPI_ISL_497117|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B79A90/2020|2020-11-12|EPI_ISL_741034|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-5230/2020|2020-08-00|EPI_ISL_690333|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-7962/2020|2020-05-00|EPI_ISL_687063|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-10036835348/2020|2020-11-07|EPI_ISL_728475|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-3098/2020|2020-08-31|EPI_ISL_615914|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1446/2020|2020-03-26|EPI_ISL_511405|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-A1DFFA/2020|2020-10-01|EPI_ISL_587489|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2260/2020|2020-04-11|EPI_ISL_438884|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-4A4B18/2020|2020-06-07|EPI_ISL_559467|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAB814/2020|2020-10-21|EPI_ISL_652815|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-A02918/2020|2020-09-29|EPI_ISL_584936|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-6995/2020|2020-08-00|EPI_ISL_688100|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Turkey/IMU-SP-01/2020|2020-04-15|EPI_ISL_460618|Original|hCoV-19^^Turkey|Human|unknown|Physiology|Submitter|Turkey

>Spike|hCoV-19/Switzerland/BE-ETHZ-220084/2020|2020-07-28|EPI_ISL_512050|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR2110/2020|2020-04-10|EPI_ISL_448145|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1454/2020|2020-03-30|EPI_ISL_622234|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16B354/2020|2020-09-15|EPI_ISL_560277|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B27202/2020|2020-11-04|EPI_ISL_664389|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5092/2020|2020-06-24|EPI_ISL_544519|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20382/2020|2020-03-24|EPI_ISL_450593|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-IGI-0258/2020|2020-07-09|EPI_ISL_569918|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/DE-DHSS-F981807/2020|2020-08-09|EPI_ISL_708414|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/201390256/2020|2020-03-26|EPI_ISL_465841|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC180a/2020|2020-06-03|EPI_ISL_467047|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/VIC5762/2020|2020-07-21|EPI_ISL_518560|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Nigeria/EK291-CV115/2020|2020-06-02|EPI_ISL_527887|Original|hCoV-19^^Ekiti|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/QEUA-CC2FA7/2020|2020-12-21|EPI_ISL_760309|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B76DD6/2020|2020-11-12|EPI_ISL_723813|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-9F4D1E/2020|2020-09-25|EPI_ISL_588411|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3515/2020|2020-06-00|EPI_ISL_691771|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC4973/2020|2020-07-15|EPI_ISL_519339|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-6440BF/2020|2020-07-04|EPI_ISL_558025|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0017/2020|2020-08-13|EPI_ISL_640019|Original|hCoV-19^^Western Cape|Human|Thembaletu CDC wc THC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/WI-UW-2029/2020|2020-09-23|EPI_ISL_677436|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-48E929/2020|2020-11-13|EPI_ISL_680933|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11566/2020|2020-11-02|EPI_ISL_670998|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/NW-MPP-29/2020|2020-06-15|EPI_ISL_487418|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00fcnter|Germany

>Spike|hCoV-19/USA/WY-WPHL-20153943/2020|2020-11-30|EPI_ISL_770118|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/QEUA-C34517/2020|2020-12-11|EPI_ISL_734149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Pakistan/JRCGR-KHI30/2020|2020-06-02|EPI_ISL_779266|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/Denmark/DCGC-22268/2020|2020-12-14|EPI_ISL_758645|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B73C72/2020|2020-11-12|EPI_ISL_664878|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8430/2020|2020-11-00|EPI_ISL_740796|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Japan/PG-5932/2020|2020-00-00|EPI_ISL_689047|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-9747/2020|2020-06-23|EPI_ISL_780253|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB8300/2020|2020-10-12|EPI_ISL_612319|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16165/2020|2020-10-30|EPI_ISL_785849|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-CDC-6593/2020|2020-06-13|EPI_ISL_527735|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-4917FC/2020|2020-11-05|EPI_ISL_706696|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A945F9/2020|2020-10-19|EPI_ISL_624885|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9BB0B0/2020|2020-09-07|EPI_ISL_572926|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-C3FC35/2020|2020-12-10|EPI_ISL_719301|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4698/2020|2020-04-06|EPI_ISL_461402|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B38BE5/2020|2020-11-01|EPI_ISL_662637|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13281/2020|2020-08-24|EPI_ISL_788429|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2CF223/2020|2020-04-26|EPI_ISL_453665|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|University of Portsmouth|Robson|United Kingdom

>Spike|hCoV-19/France/ARA-SC162/2020|2020-04-09|EPI_ISL_634827|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Spain/MD-IBV-003691/2020|2020-04-02|EPI_ISL_467249|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/PA-MGEL89/2020|2020-03-31|EPI_ISL_454372|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/USA/IN-CDC-6387/2020|2020-07-21|EPI_ISL_527666|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-48CA19/2020|2020-11-07|EPI_ISL_666495|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Equatorial Guinea/41660/2020|2020-07-22|EPI_ISL_649169|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/Norway/3075/2020|2020-08-07|EPI_ISL_549086|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/TX-HMH-MCoV-10785/2020|2020-07-05|EPI_ISL_789626|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC14031/2020|2020-09-16|EPI_ISL_563938|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16B239/2020|2020-09-16|EPI_ISL_560262|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00447/2020|2020-04-01|EPI_ISL_460308|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/CAMC-D03D90/2020|2020-12-21|EPI_ISL_781604|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B67FC3/2020|2020-11-11|EPI_ISL_662261|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-20869/2020|2020-04-06|EPI_ISL_508990|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/India/GJ-GBRC-377b/2020|2020-07-11|EPI_ISL_524736|Original|hCoV-19^^Gujarat|Human|Government General Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Japan/PG-0112/2020|2020-03-00|EPI_ISL_684126|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-IGI-0422/2020|2020-07-06|EPI_ISL_754897|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-BE93EB/2020|2020-12-02|EPI_ISL_708915|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/HDF-3295/2020|2020-03-23|EPI_ISL_421511|Original|hCoV-19^^Hauts-de-France|Human|CH Compi\u00e8gne Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Kenya/C5011/2020|2020-05-08|EPI_ISL_568745|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/United Arab Emirates/558/2020|2020-06-30|EPI_ISL_528705|Original|hCoV-19^^Abu Dhabi|Human|Alsafar - Khalifa University Abu Dhabi|Alsafar - Khalifa University Abu Dhabi|Daw Elbait|United Arab Emirates

>Spike|hCoV-19/USA/CA-CZB-2758/2020|2020-06-27|EPI_ISL_582863|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/New Zealand/20CV0306/2020|2020-03-30|EPI_ISL_622799|Original|hCoV-19^^Whanganui|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-C5075B/2020|2020-12-11|EPI_ISL_736713|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BCB90B/2020|2020-11-27|EPI_ISL_704071|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168FF9/2020|2020-06-25|EPI_ISL_499380|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5890/2020|2020-08-28|EPI_ISL_590194|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001553/2020|2020-03-12|EPI_ISL_467114|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/IB-IBV-99010825/2020|2020-08-03|EPI_ISL_691622|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Ireland/MO-NVRL-78IRL68999/2020|2020-11-22|EPI_ISL_752538|Original|hCoV-19^^Mayo|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/PORT-2D54AC/2020|2020-00-00|EPI_ISL_765117|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F797/2020|2020-11-10|EPI_ISL_681136|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-94B60E/2020|2020-07-27|EPI_ISL_556349|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2858/2020|2020-09-16|EPI_ISL_596389|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-98EE34/2020|2020-08-28|EPI_ISL_540345|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7C2C3/2020|2020-10-15|EPI_ISL_606317|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132074102/2020|2020-03-23|EPI_ISL_420510|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/OXON-AE65D/2020|2020-00-00|EPI_ISL_448708|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/QLD1045/2020|2020-09-01|EPI_ISL_576133|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Switzerland/GE-ETHZ-100309/2020|2020-03-19|EPI_ISL_574935|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-49D09B/2020|2020-12-10|EPI_ISL_742729|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-5F11E/2020|2020-05-04|EPI_ISL_473314|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19647/2020|2020-12-07|EPI_ISL_749081|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14256/2020|2020-11-30|EPI_ISL_711112|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-AE963/2020|2020-00-00|EPI_ISL_448737|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-ABD220/2020|2020-10-04|EPI_ISL_631202|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-74D00/2020|2020-03-18|EPI_ISL_425367|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/France/ARA-20756/2020|2020-04-06|EPI_ISL_508912|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-3380/2020|2020-08-31|EPI_ISL_616139|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CAFBA/2020|2020-04-30|EPI_ISL_475433|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Portugal/PT1318/2020|2020-03-18|EPI_ISL_511277|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-6679/2020|2020-06-24|EPI_ISL_546167|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B0E0CB/2020|2020-11-02|EPI_ISL_642099|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regal-10151119/2020|2020-10-15|EPI_ISL_735099|Original|hCoV-19^^Boutersem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Belgium/ULG-10421/2020|2020-08-14|EPI_ISL_581603|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Italy/PIE-SLL-MS58/2020|2020-03-31|EPI_ISL_569874|Original|hCoV-19^^Piedmont|Human|Amedeo di savoia|Crosetto lab|Harbers|Italy

>Spike|hCoV-19/Wales/PHWC-483335/2020|2020-10-20|EPI_ISL_627804|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002399/2020|2020-07-30|EPI_ISL_515763|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/NOTT-121615/2020|2020-12-17|EPI_ISL_741646|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUH-BA4188/2020|2020-11-18|EPI_ISL_721179|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Suriname/SR-21/2020|2020-06-25|EPI_ISL_517632|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/USA/NY-Wadsworth-283483-01/2020|2020-12-06|EPI_ISL_754447|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/India/MH-ACTREC-026/2020|2020-05-04|EPI_ISL_699682|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Australia/VIC1471/2020|2020-04-22|EPI_ISL_456444|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-201006663/2020|2020-04-04|EPI_ISL_594402|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-4636/2020|2020-07-00|EPI_ISL_689773|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-2453/2020|2020-12-21|EPI_ISL_759728|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/TX-HMH-6167/2020|2020-06-22|EPI_ISL_547286|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20CV0119/2020|2020-08-16|EPI_ISL_548005|Original|hCoV-19^^Combined Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-ACFA14/2020|2020-10-22|EPI_ISL_629589|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/316/2020|2020-06-02|EPI_ISL_482684|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/CAMB-1B5C05/2020|2020-08-17|EPI_ISL_529283|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2204/2020|2020-10-22|EPI_ISL_677607|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/NE-ETHZ-350194/2020|2020-11-04|EPI_ISL_693843|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/BRIS-1853E90/2020|2020-04-27|EPI_ISL_492270|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D7A29/2020|2020-09-18|EPI_ISL_576607|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP10H01P/2020|2020-03-15|EPI_ISL_427580|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/USA/UT-UPHL-2009724/2020|2020-07-26|EPI_ISL_605396|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-UW-550/2020|2020-06-22|EPI_ISL_484925|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-5336/2020|2020-09-14|EPI_ISL_615267|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3784/2020|2020-04-20|EPI_ISL_622648|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14197/2020|2020-11-30|EPI_ISL_711619|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/regal-10191267/2020|2020-10-19|EPI_ISL_735177|Original|hCoV-19^^Berchem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Brazil/SP-L15-CD275/2020|2020-03-30|EPI_ISL_476268|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/CAMB-1BC73A/2020|2020-11-29|EPI_ISL_723891|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/EXET-13AE99/2020|2020-11-09|EPI_ISL_664415|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F0AB/2020|2020-10-14|EPI_ISL_607870|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16192/2020|2020-10-28|EPI_ISL_785876|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUI-BCD453/2020|2020-11-26|EPI_ISL_704240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-360105/2020|2020-11-08|EPI_ISL_693910|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUI-964450/2020|2020-08-11|EPI_ISL_536948|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-40/2020|2020-03-24|EPI_ISL_421298|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMB-1B6439/2020|2020-09-22|EPI_ISL_576908|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORT-28216B/2020|2020-03-26|EPI_ISL_472199|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-944702/2020|2020-06-07|EPI_ISL_555590|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0030/2020|2020-03-14|EPI_ISL_437229|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/CAMC-B22629/2020|2020-11-03|EPI_ISL_647167|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004281/2020|2020-04-08|EPI_ISL_510398|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-95C093/2020|2020-06-12|EPI_ISL_555095|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16965D/2020|2020-03-30|EPI_ISL_512491|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DD4DA/2020|2020-09-22|EPI_ISL_599683|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3BB1E/2020|2020-12-10|EPI_ISL_731831|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11DE6F/2020|2020-11-25|EPI_ISL_679939|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB36A/2020|2020-11-21|EPI_ISL_701755|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Chonburi_PN0160/2020|2020-11-25|EPI_ISL_768611|Original|hCoV-19^^Chonburi|Human|Regional medical sciences center 6 Chonburi|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/USA/NY-NYUMC453/2020|2020-04-20|EPI_ISL_435520|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/FL-BPHL-1358/2020|2020-07-17|EPI_ISL_541295|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Singapore/121/2020|2020-04-08|EPI_ISL_443213|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUH-A8BAC9/2020|2020-10-16|EPI_ISL_643296|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-23F55/2020|2020-03-15|EPI_ISL_418130|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F630B/2020|2020-09-25|EPI_ISL_600877|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139030304/2020|2020-03-26|EPI_ISL_420667|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B1F610/2020|2020-11-01|EPI_ISL_646020|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0652/2020|2020-04-10|EPI_ISL_495324|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Germany/NW-HHU-105/2020|2020-08-28|EPI_ISL_539582|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/WI-UW-244/2020|2020-03-28|EPI_ISL_428340|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Wales/PHWC-30C9A/2020|2020-04-11|EPI_ISL_446345|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D8AE5/2020|2020-04-16|EPI_ISL_492760|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B35F37/2020|2020-11-05|EPI_ISL_645475|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15878/2020|2020-07-10|EPI_ISL_785562|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-9D1D62/2020|2020-09-19|EPI_ISL_601499|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-492E6F/2020|2020-11-27|EPI_ISL_725798|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C1AB/2020|2020-11-06|EPI_ISL_666402|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26556558/2020|2020-04-15|EPI_ISL_485188|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18719/2020|2020-11-21|EPI_ISL_785067|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S721/2020|2020-04-12|EPI_ISL_449891|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-19662/2020|2020-12-07|EPI_ISL_749094|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15998/2020|2020-07-10|EPI_ISL_785682|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-0454/2020|2020-06-09|EPI_ISL_525812|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/QEUEH-B820FC/2020|2020-11-14|EPI_ISL_668338|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC5B0A/2020|2020-12-22|EPI_ISL_760270|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0401/2020|2020-05-19|EPI_ISL_698576|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/MA-MGH-00779/2020|2020-04-12|EPI_ISL_791762|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/QEUEH-AACB38/2020|2020-10-21|EPI_ISL_652897|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/GSTT-265DFB0/2020|2020-03-28|EPI_ISL_484134|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Australia/NSW893/2020|2020-08-24|EPI_ISL_544974|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/NORT-297DBA/2020|2020-04-24|EPI_ISL_488107|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/5371/2020|2020-11-02|EPI_ISL_708068|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/WI-UW-712/2020|2020-07-02|EPI_ISL_491388|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-482A31/2020|2020-10-21|EPI_ISL_613261|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200482/2020|2020-05-19|EPI_ISL_578623|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Senegal/62184/2020|2020-06-09|EPI_ISL_498245|Original|hCoV-19^^Dakar|Human|Institut Pasteur de Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/CAMC-B08304/2020|2020-10-29|EPI_ISL_643889|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21981/2020|2020-12-14|EPI_ISL_757803|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-DC595/2020|2020-11-11|EPI_ISL_679623|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/VIC176/2020|2020-03-18|EPI_ISL_419873|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-2773/2020|2020-08-29|EPI_ISL_667308|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-B747AD/2020|2020-11-12|EPI_ISL_662045|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C746A/2020|2020-09-08|EPI_ISL_573307|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/EXET-139B84/2020|2020-00-00|EPI_ISL_679326|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13121/2020|2020-11-30|EPI_ISL_712104|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-B9E5A3/2020|2020-11-18|EPI_ISL_757209|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AF1651/2020|2020-10-29|EPI_ISL_665401|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0032/2020|2020-08-19|EPI_ISL_640033|Original|hCoV-19^^Western Cape|Human|False Bay Hospital wc FBH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/QEUH-B68A2B/2020|2020-11-11|EPI_ISL_661410|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-951508/2020|2020-06-13|EPI_ISL_554539|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-10170/2020|2020-03-17|EPI_ISL_418420|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Wales/QEUH-B13913/2020|2020-11-02|EPI_ISL_647797|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2222/2020|2020-03-16|EPI_ISL_604567|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Kuwait/KU17/2020|2020-03-02|EPI_ISL_416542|Original|hCoV-19^^Dasman|Human|Dasman Diabetes Institute|Dasman Diabetes Institute|Al-Mulla|Kuwait

>Spike|hCoV-19/India/GJ-GBRC-426b/2020|2020-07-14|EPI_ISL_586559|Original|hCoV-19^^Gujarat|Human|CCC,Veraval|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/ALDP-B635C5/2020|2020-11-09|EPI_ISL_656587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201340120/2020|2020-03-24|EPI_ISL_423081|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Latvia/049/2020|2020-03-16|EPI_ISL_486433|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

>Spike|hCoV-19/USA/TX-DSHS-0351/2020|2020-06-13|EPI_ISL_538288|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-480848/2020|2020-10-10|EPI_ISL_612939|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC17509/2020|2020-08-21|EPI_ISL_779414|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/ALDP-52C40D/2020|2020-06-01|EPI_ISL_558958|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-D0AD8A/2020|2020-12-21|EPI_ISL_781278|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC490/2020|2020-03-18|EPI_ISL_436738|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/WI-UW-1280/2020|2020-08-25|EPI_ISL_536652|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Turkey/HSGM-5711/2020|2020-03-18|EPI_ISL_428716|Original|hCoV-19^^Ankara|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Canada/BC-BCCDC-7534/2020|2020-11-00|EPI_ISL_740701|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/Scotland/CVR4550/2020|2020-09-22|EPI_ISL_585409|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-806/2020|2020-04-06|EPI_ISL_545826|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F38DB/2020|2020-10-30|EPI_ISL_638582|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-7138/2020|2020-08-00|EPI_ISL_688243|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-99009663/2020|2020-10-23|EPI_ISL_654341|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-21537/2020|2020-12-21|EPI_ISL_758218|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204341615/2020|2020-10-20|EPI_ISL_649835|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012500123/2020|2020-10-20|EPI_ISL_746236|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/20172000704/2020|2020-04-19|EPI_ISL_465313|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC2378/2020|2020-06-28|EPI_ISL_522098|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-1593/2020|2020-04-13|EPI_ISL_618637|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC6900/2020|2020-07-17|EPI_ISL_564125|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/MOS-RII-MH9369S/2020|2020-10-14|EPI_ISL_733455|Original|hCoV-19^^Moscow Region|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18562/2020|2020-11-20|EPI_ISL_784910|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/ALAB-SSI520/2020|2020-03-26|EPI_ISL_429585|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Scotland/EDB2168/2020|2020-04-20|EPI_ISL_439171|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/ALDP-9CD25B/2020|2020-09-16|EPI_ISL_575982|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9FF26F/2020|2020-09-30|EPI_ISL_600404|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B138CB/2020|2020-11-02|EPI_ISL_641718|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5C789F/2020|2020-06-19|EPI_ISL_558478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-6-14/2020|2020-05-30|EPI_ISL_523099|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR5505/2020|2020-10-29|EPI_ISL_650508|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1397/2020|2020-12-11|EPI_ISL_779063|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-6588/2020|2020-10-12|EPI_ISL_619636|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B48326/2020|2020-11-07|EPI_ISL_649282|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A99C2/2020|2020-03-24|EPI_ISL_517303|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-A5E90E/2020|2020-10-10|EPI_ISL_597383|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008806/2020|2020-05-29|EPI_ISL_524832|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-2008957/2020|2020-05-11|EPI_ISL_525284|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-16029E/2020|2020-05-17|EPI_ISL_472914|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100174/2020|2020-03-16|EPI_ISL_574983|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9ED880/2020|2020-05-09|EPI_ISL_580636|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2175/2020|2020-03-21|EPI_ISL_776405|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Spain/MD-IBV-005367/2020|2020-04-01|EPI_ISL_510242|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-2230/2020|2020-11-02|EPI_ISL_677633|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22335/2020|2020-11-07|EPI_ISL_708314|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13824/2020|2020-08-17|EPI_ISL_787117|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC16026/2020|2020-08-02|EPI_ISL_640945|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Mexico/GRO-INDRE-91/2020|2020-06-08|EPI_ISL_658896|Original|hCoV-19^^Guerrero|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/USA/TX-HMH-MCoV-18960/2020|2020-11-27|EPI_ISL_785248|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Chile/RM-ISPCH-71/2020|2020-03-21|EPI_ISL_445367|Original|hCoV-19^^Region Metropolitana de Santiago|Human|ASISTENCIA PUBLICA DR.ALEJANDRO DEL RIO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/USA/CA-CZB-14677/2020|2020-11-17|EPI_ISL_738729|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_107/2020|2020-04-04|EPI_ISL_455296|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-C3A793/2020|2020-12-09|EPI_ISL_731457|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1064/2020|2020-08-04|EPI_ISL_569044|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMB-72C41/2020|2020-03-22|EPI_ISL_439975|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC14426/2020|2020-08-22|EPI_ISL_592498|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-124CD48/2020|2020-04-24|EPI_ISL_507041|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Sweden/20-52962/2020|2020-09-07|EPI_ISL_660430|Original|hCoV-19^^Vastmanland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/NY-PV09151/2020|2020-03-22|EPI_ISL_422519|Original|hCoV-19^^New York|Human|MSSM Clinical Microbiology Laboratories|MSSM Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Hungary/US-32618w/2020|2020-09-02|EPI_ISL_677760|Original|hCoV-19^^B\u00e1n\u00e1s-Kiskun county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Denmark/DCGC-4206/2020|2020-09-14|EPI_ISL_622099|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-QDX-554/2020|2020-03-19|EPI_ISL_571277|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/South Korea/KCDC2277/2020|2020-05-14|EPI_ISL_510614|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-9CD66E/2020|2020-09-15|EPI_ISL_566127|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033782000/2020|2020-03-26|EPI_ISL_578109|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/AL-SV101V1/2020|2020-04-13|EPI_ISL_509426|Original|hCoV-19^^Alabama|Human|Microbiology and Immunology|Microbiology and Immunology|Rayner|USA

>Spike|hCoV-19/Japan/PG-8397/2020|2020-08-00|EPI_ISL_687496|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WY-WPHL-20153282/2020|2020-11-30|EPI_ISL_770113|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/CAMB-1BB81A/2020|2020-11-18|EPI_ISL_664199|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-9DD7E0/2020|2020-09-21|EPI_ISL_599557|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12140/2020|2020-06-26|EPI_ISL_570493|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-101166/2020|2020-03-31|EPI_ISL_451830|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A1D4A0/2020|2020-10-03|EPI_ISL_595061|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-CDC-2-3693757/2020|2020-10-01|EPI_ISL_747039|Original|hCoV-19^^New York|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21140/2020|2020-03-24|EPI_ISL_507916|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/SAP329/2020|2020-03-29|EPI_ISL_483107|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Brazil/RJ-00467/2020|2020-07-08|EPI_ISL_717862|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/203660546/2020|2020-03-17|EPI_ISL_534722|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-490/2020|2020-08-13|EPI_ISL_700138|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/MS-CDC-6579/2020|2020-03-31|EPI_ISL_648030|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC17836/2020|2020-07-27|EPI_ISL_779488|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Beck|Australia

>Spike|hCoV-19/USA/CA-UCLA-67/2020|2020-04-01|EPI_ISL_537592|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Singapore/1483/2020|2020-12-14|EPI_ISL_754098|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/GSTT-5433/2020|2020-03-20|EPI_ISL_560682|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Sweden/20-08136/2020|2020-03-10|EPI_ISL_475554|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMB-1B0CBF/2020|2020-05-12|EPI_ISL_452960|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-A514BF/2020|2020-10-06|EPI_ISL_598115|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7510/2020|2020-06-25|EPI_ISL_546811|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49DC00/2020|2020-11-25|EPI_ISL_742885|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169E55/2020|2020-08-19|EPI_ISL_529447|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3399/2020|2020-12-14|EPI_ISL_744092|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17313/2020|2020-12-14|EPI_ISL_750898|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20387/2020|2020-03-26|EPI_ISL_450598|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NORW-EE9C1/2020|2020-05-12|EPI_ISL_490558|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-99F78/2020|2020-04-14|EPI_ISL_439833|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3157/2020|2020-08-24|EPI_ISL_635885|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-BA00E9/2020|2020-11-18|EPI_ISL_719749|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_04579295/2020|2020-05-00|EPI_ISL_477046|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/MILK-A9179C/2020|2020-10-19|EPI_ISL_705984|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-6874/2020|2020-06-00|EPI_ISL_687982|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B959D/2020|2020-11-05|EPI_ISL_664567|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC6287/2020|2020-07-21|EPI_ISL_518275|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-932/2020|2020-07-12|EPI_ISL_509932|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-12/2020|2020-10-15|EPI_ISL_682325|Original|hCoV-19^^Free State|Human|NHLS Universitas Academic|UFS Virology|Bester|South Africa

>Spike|hCoV-19/Norway/2972/2020|2020-07-24|EPI_ISL_549098|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/MI-MDHHS-SC22546/2020|2020-11-02|EPI_ISL_708604|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-944131/2020|2020-06-07|EPI_ISL_554703|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/EGY-021/2020|2020-08-14|EPI_ISL_526976|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/England/QEUEH-96421A/2020|2020-08-11|EPI_ISL_536887|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B2F69/2020|2020-05-20|EPI_ISL_456738|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-25375/2020|2020-10-12|EPI_ISL_660924|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Uganda/UG130/2020|2020-09-01|EPI_ISL_738037|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/USA/MI-MDHHS-SC21074/2020|2020-03-25|EPI_ISL_507850|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-B517B5/2020|2020-11-08|EPI_ISL_658367|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A515AD/2020|2020-10-07|EPI_ISL_597921|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14693/2020|2020-08-08|EPI_ISL_603044|Original|hCoV-19^^Victoria|Human|MDU-PHL|MDU-PHL|Seemann|Australia

>Spike|hCoV-19/Germany/BAV-MVP0109/2020|2020-03-11|EPI_ISL_549025|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/USA/FL-BPHL-1753/2020|2020-10-02|EPI_ISL_613750|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Canada/ON-OICR-SLB2825/2020|2020-04-02|EPI_ISL_538352|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Portugal/PT1633/2020|2020-04-17|EPI_ISL_731943|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Belgium/ULG-10519/2020|2020-10-23|EPI_ISL_626293|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-9F1133/2020|2020-09-25|EPI_ISL_589600|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4896/2020|2020-07-12|EPI_ISL_519274|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9AEBDD/2020|2020-09-03|EPI_ISL_573485|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21517/2020|2020-04-03|EPI_ISL_516244|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Latvia/160/2020|2020-08-30|EPI_ISL_639657|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/QEUEH-A8C916/2020|2020-10-16|EPI_ISL_643157|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC-4205/2020|2020-04-13|EPI_ISL_436451|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/CAMC-C425BC/2020|2020-12-10|EPI_ISL_719042|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B0922/2020|2020-00-00|EPI_ISL_478921|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-96C485/2020|2020-08-13|EPI_ISL_530829|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0007/2020|2020-04-11|EPI_ISL_437208|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Netherlands/Utrecht_48/2020|2020-05-20|EPI_ISL_461244|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/BE-ETHZ-260166/2020|2020-08-27|EPI_ISL_539458|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-8941/2020|2020-07-02|EPI_ISL_780847|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CSU-D3084-2/2020|2020-04-15|EPI_ISL_527476|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Sweden/20-50155/2020|2020-03-04|EPI_ISL_454888|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CT-Yale-260/2020|2020-04-01|EPI_ISL_469186|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/LA-EVTL1065/2020|2020-11-27|EPI_ISL_768335|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/VIC4325/2020|2020-07-13|EPI_ISL_519622|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-MEPHI-2151/2020|2020-09-23|EPI_ISL_644513|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Germany/HH-hpi-p2319/2020|2020-03-22|EPI_ISL_775841|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-C3B03D/2020|2020-12-09|EPI_ISL_731810|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BAC8/2020|2020-09-16|EPI_ISL_573939|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-CC2824/2020|2020-12-21|EPI_ISL_778279|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-QDX-422/2020|2020-03-17|EPI_ISL_571182|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/India/TG-CCMB-M80/2020|2020-06-05|EPI_ISL_495243|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Italy/TUS-UOS-15/2020|2020-05-14|EPI_ISL_591338|Original|hCoV-19^^Tuscany|Human|Dipartimento di Biotecnologie Mediche|Dipartimento di Biotecnologie Mediche|Cusi|Italy

>Spike|hCoV-19/USA/NY-NYCPHL-000032/2020|2020-03-12|EPI_ISL_631528|Original|hCoV-19^^New York|Human|Maimonides Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/GJ-GBRC21/2020|2020-04-26|EPI_ISL_437450|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Singapore/1170/2020|2020-04-09|EPI_ISL_648098|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/CAMC-B3677A/2020|2020-11-05|EPI_ISL_645512|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr431/2020|2020-09-04|EPI_ISL_636886|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/USA/MI-MDHHS-SC22419/2020|2020-11-18|EPI_ISL_708252|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Wales/MILK-99D01E/2020|2020-08-30|EPI_ISL_549821|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3575/2020|2020-04-27|EPI_ISL_487854|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AAF3F/2020|2020-08-31|EPI_ISL_551018|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5698/2020|2020-09-21|EPI_ISL_621203|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C57F3E/2020|2020-12-14|EPI_ISL_736039|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11293C/2020|2020-04-20|EPI_ISL_493564|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14848/2020|2020-10-12|EPI_ISL_786332|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON_QGLO-034/2020|2020-03-29|EPI_ISL_459885|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Center|Queen's Genomics Lab at Ongwanada (Q-GLO)|Sjaarda|Canada

>Spike|hCoV-19/Belgium/ULG-0183/2020|2020-03-23|EPI_ISL_447141|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/BRIS-12E50C/2020|2020-04-21|EPI_ISL_488302|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8662/2020|2020-09-00|EPI_ISL_686258|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-12F16CF/2020|2020-12-16|EPI_ISL_764384|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FA85C/2020|2020-03-31|EPI_ISL_441659|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/NA_691/2020|2020-03-26|EPI_ISL_461126|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LOND-12605CE/2020|2020-04-06|EPI_ISL_524644|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9B70F0/2020|2020-09-09|EPI_ISL_602129|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5348/2020|2020-09-14|EPI_ISL_615279|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18980/2020|2020-11-26|EPI_ISL_785262|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-47CE4D/2020|2020-10-01|EPI_ISL_586057|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AE285D/2020|2020-10-27|EPI_ISL_633446|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C3A3F/2020|2020-09-07|EPI_ISL_566755|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB014/2020|2020-03-11|EPI_ISL_425820|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19106/2020|2020-11-24|EPI_ISL_783627|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/DL-NCDC1555-CSIR-IGIB/2020|2020-05-16|EPI_ISL_482494|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/USA/CA-IGI-0219/2020|2020-06-30|EPI_ISL_569939|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-B6260F/2020|2020-11-08|EPI_ISL_656531|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162CCB/2020|2020-05-27|EPI_ISL_473186|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20ILR10835/2020|2020-11-14|EPI_ISL_732375|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-16B80A/2020|2020-09-19|EPI_ISL_573906|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-138174/2020|2020-10-05|EPI_ISL_612385|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-993713/2020|2020-08-24|EPI_ISL_551970|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-81BEA6/2020|2020-07-18|EPI_ISL_557167|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-B7C963/2020|2020-11-14|EPI_ISL_741804|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5901/2020|2020-06-30|EPI_ISL_547096|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1083/2020|2020-04-28|EPI_ISL_615124|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Spain/MD-IBV-99008683/2020|2020-10-06|EPI_ISL_654238|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-16925/2020|2020-12-14|EPI_ISL_750646|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/170/2020|2020-03-17|EPI_ISL_417548|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/CA-CZB-14117/2020|2020-05-23|EPI_ISL_739207|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NY-Wadsworth-194595-01/2020|2020-08-07|EPI_ISL_677041|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420661/2020|2020-12-24|EPI_ISL_768259|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-2012354078/2020|2020-08-11|EPI_ISL_745649|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-15051/2020|2020-11-23|EPI_ISL_713605|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A93ABF/2020|2020-10-19|EPI_ISL_610930|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11896/2020|2020-09-14|EPI_ISL_790130|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC173/2020|2020-04-01|EPI_ISL_427470|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-9E1FA5/2020|2020-09-17|EPI_ISL_581318|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C6DA5/2020|2020-03-24|EPI_ISL_442002|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-95513D/2020|2020-06-12|EPI_ISL_553520|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009213/2020|2020-05-14|EPI_ISL_525213|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-9376/2020|2020-11-16|EPI_ISL_668939|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZuidHolland_155/2020|2020-04-27|EPI_ISL_461328|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A6F4DC/2020|2020-10-14|EPI_ISL_607980|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW79/2020|2020-03-23|EPI_ISL_427790|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Romania/ROSV_2899/2020|2020-04-17|EPI_ISL_491063|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Denmark/DCGC-1647/2020|2020-04-06|EPI_ISL_622458|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9F4895/2020|2020-09-25|EPI_ISL_588386|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3640/2020|2020-03-23|EPI_ISL_548346|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/CVR2917/2020|2020-04-22|EPI_ISL_473630|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB6684/2020|2020-05-12|EPI_ISL_507185|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21668/2020|2020-07-12|EPI_ISL_516395|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-673/2020|2020-10-02|EPI_ISL_632514|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/201620642/2020|2020-04-10|EPI_ISL_466431|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Finland/24SS6E1/2020|2020-09-24|EPI_ISL_759839|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/WI-UW-286/2020|2020-04-06|EPI_ISL_436580|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/India/MH-ACTREC-344/2020|2020-07-21|EPI_ISL_699993|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/201360202/2020|2020-03-24|EPI_ISL_423239|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-2A4DC9/2020|2020-09-17|EPI_ISL_573407|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012182830/2020|2020-08-14|EPI_ISL_746141|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18639/2020|2020-11-19|EPI_ISL_784987|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-235826/2020|2020-11-05|EPI_ISL_742150|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/LIVE-1E45A8/2020|2020-10-17|EPI_ISL_627448|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19475/2020|2020-12-07|EPI_ISL_748974|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1995/2020|2020-11-24|EPI_ISL_755705|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Spain/CT-IBV-97007961/2020|2020-10-07|EPI_ISL_654533|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/ACT0087/2020|2020-07-03|EPI_ISL_498545|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/Canada/NB_1/2020|2020-03-09|EPI_ISL_429806|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/Australia/NSW863/2020|2020-08-09|EPI_ISL_526205|Original|hCoV-19^^New South Wales|Human|The Children's Hospital at Westmead|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-8837/2020|2020-08-00|EPI_ISL_686415|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204390665/2020|2020-10-22|EPI_ISL_637147|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2321/2020|2020-10-08|EPI_ISL_644539|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Scotland/EDB029/2020|2020-03-12|EPI_ISL_425835|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001904/2020|2020-03-16|EPI_ISL_467073|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e9ldiz - INIBICA|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/UN-CDC-7404/2020|2020-04-20|EPI_ISL_514062|Original|hCoV-19^^USA|Human|Navy and Marine Corps Public Health Center|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB660/2020|2020-03-28|EPI_ISL_448960|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/NY-PV09487/2020|2020-03-20|EPI_ISL_450159|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Wales/PHWC-1632C8/2020|2020-05-28|EPI_ISL_473273|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1530/2020|2020-04-17|EPI_ISL_693549|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Egypt/MASRI-008/2020|2020-04-30|EPI_ISL_482761|Original|hCoV-19^^Egypt|Human|Medical Ain Shams Research Institute (MASRI)|Medical Ain Shams Research Institute (MASRI)|Moustafa|Egypt

>Spike|hCoV-19/England/20128035202/2020|2020-03-18|EPI_ISL_420477|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-7733/2020|2020-03-00|EPI_ISL_548200|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/BRIS-1853F33/2020|2020-04-27|EPI_ISL_492395|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EC83/2020|2020-10-03|EPI_ISL_585845|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/442/2020|2020-03-20|EPI_ISL_424466|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUH-9B554E/2020|2020-09-03|EPI_ISL_590313|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E5AA/2020|2020-12-07|EPI_ISL_743017|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2810/2020|2020-07-01|EPI_ISL_521641|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-495C9F/2020|2020-11-25|EPI_ISL_726465|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1433/2020|2020-04-00|EPI_ISL_685040|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-3538/2020|2020-06-15|EPI_ISL_544233|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-999258/2020|2020-08-24|EPI_ISL_541829|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9CEA25/2020|2020-09-17|EPI_ISL_601986|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_344/2020|2020-04-04|EPI_ISL_455149|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Russia/SVE-RII-MH1028S/2020|2020-09-05|EPI_ISL_596253|Original|hCoV-19^^Sverdlovsk|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-CSMC26/2020|2020-03-25|EPI_ISL_475636|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/LIVE-A5753/2020|2020-03-20|EPI_ISL_499850|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1726/2020|2020-05-30|EPI_ISL_471627|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Australia/VIC13451/2020|2020-09-07|EPI_ISL_592242|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-PHL-20-02449/2020|2020-09-00|EPI_ISL_671542|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-47CD40/2020|2020-10-10|EPI_ISL_586042|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT0073/2020|2020-03-21|EPI_ISL_421476|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/South Korea/KCDC2532/2020|2020-06-18|EPI_ISL_514935|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Scotland/EDB098/2020|2020-03-20|EPI_ISL_425888|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7F55/2020|2020-10-16|EPI_ISL_638379|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC11230/2020|2020-08-28|EPI_ISL_563306|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9DA130/2020|2020-09-18|EPI_ISL_576850|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000963/2020|2020-03-27|EPI_ISL_484772|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-17818/2020|2020-12-14|EPI_ISL_749532|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4548/2020|2020-09-21|EPI_ISL_621345|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Cote d'Ivoire/BKE0712/2020|2020-07-24|EPI_ISL_614383|Original|hCoV-19^^Bouafle|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/Australia/NSW144/2020|2020-03-21|EPI_ISL_427738|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/SHEF-CA8BF/2020|2020-09-17|EPI_ISL_585041|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-4F7FA1/2020|2020-06-24|EPI_ISL_559143|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19572/2020|2020-12-07|EPI_ISL_749037|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Greece/138/2020|2020-03-11|EPI_ISL_434479|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/ALDP-C8C46E/2020|2020-12-13|EPI_ISL_777183|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B32CAC/2020|2020-11-06|EPI_ISL_659649|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020642540/2020|2020-12-26|EPI_ISL_767072|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Singapore/755/2020|2020-06-06|EPI_ISL_500569|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Wales/PHWC-16B1B4/2020|2020-09-16|EPI_ISL_560256|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-320205/2020|2020-10-10|EPI_ISL_737829|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEuh-9DCB5E/2020|2020-09-21|EPI_ISL_580906|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0005/2020|2020-04-09|EPI_ISL_437529|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-20572/2020|2020-12-21|EPI_ISL_759226|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C0650F/2020|2020-12-05|EPI_ISL_709397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3C02E/2020|2020-11-01|EPI_ISL_706114|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Brazil/SP-871/2020|2020-11-27|EPI_ISL_776767|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Marilia|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Finland/7LS11AE7/2020|2020-10-07|EPI_ISL_756018|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-B48F7D/2020|2020-11-07|EPI_ISL_649200|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B534F8/2020|2020-11-08|EPI_ISL_656898|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15715/2020|2020-07-09|EPI_ISL_785399|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-AACA95/2020|2020-10-21|EPI_ISL_652889|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/OXON-AF610/2020|2020-04-13|EPI_ISL_478757|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1E700/2020|2020-10-01|EPI_ISL_598868|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD7E3/2020|2020-09-16|EPI_ISL_566316|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B80735/2020|2020-11-14|EPI_ISL_668326|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E65AE/2020|2020-09-24|EPI_ISL_580554|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9D401B/2020|2020-09-18|EPI_ISL_601767|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-6311/2020|2020-03-30|EPI_ISL_452206|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/QEUH-9F6620/2020|2020-09-24|EPI_ISL_588393|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Argentina/Heritas_HG009/2020|2020-05-14|EPI_ISL_476568|Original|hCoV-19^^Ciudad Autonoma de Buenos Aires|Human|Hospital de Pediatria \u00eda \Prof. Dr. Juan P Garrahan \H \u00e9ritas|Rohr|Argentina

>Spike|hCoV-19/England/ALDP-C3D138/2020|2020-12-10|EPI_ISL_731666|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012290335/2020|2020-10-21|EPI_ISL_746209|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/DE-DHSS-F995957/2020|2020-09-17|EPI_ISL_708396|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/CA-SEARCH-5329/2020|2020-12-08|EPI_ISL_755148|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/GR-ETHZ-390064/2020|2020-11-28|EPI_ISL_728806|Original|hCoV-19^^Graub \u00fncnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Germany/BY-MVP-0183/2020|2020-04-13|EPI_ISL_466876|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/USA/MI-UM-10036187521/2020|2020-09-29|EPI_ISL_590745|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Israel/CVL-455-ngs/2020|2020-12-27|EPI_ISL_776868|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Ukraine/203100350/2020|2020-06-24|EPI_ISL_512629|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/USA/CA-IGI-0837/2020|2020-06-30|EPI_ISL_756356|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/AR-CDC-4227/2020|2020-07-13|EPI_ISL_527641|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUA-CCDD75/2020|2020-12-23|EPI_ISL_782276|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3109/2020|2020-08-31|EPI_ISL_615926|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-1739/2020|2020-07-24|EPI_ISL_526018|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/LA-EVTL1253/2020|2020-12-04|EPI_ISL_778919|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-559/2020|2020-03-29|EPI_ISL_436969|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/NOTT-10FA5D/2020|2020-04-05|EPI_ISL_432677|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-B4043A/2020|2020-11-08|EPI_ISL_657280|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/7/2020|2020-03-15|EPI_ISL_417740|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/204981804/2020|2020-12-03|EPI_ISL_723030|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B228E/2020|2020-05-06|EPI_ISL_469906|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-01379/2020|2020-04-01|EPI_ISL_575044|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/NSW2473/2020|2020-07-02|EPI_ISL_527019|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Japan/PG-8510/2020|2020-07-00|EPI_ISL_687609|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-19301/2020|2020-12-07|EPI_ISL_748520|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B5554E/2020|2020-11-05|EPI_ISL_657738|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000284/2020|2020-03-20|EPI_ISL_631810|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-31983/2020|2020-04-10|EPI_ISL_446510|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009553/2020|2020-07-19|EPI_ISL_671850|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUA-9FA4F5/2020|2020-09-29|EPI_ISL_588060|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5DD5D/2020|2020-11-09|EPI_ISL_723588|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-80578-01/2020|2020-05-05|EPI_ISL_676911|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-1160/2020|2020-03-16|EPI_ISL_614628|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR3033/2020|2020-00-00|EPI_ISL_579397|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/LIVE-DC0A2F/2020|2020-11-04|EPI_ISL_703412|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-7444FE/2020|2020-06-29|EPI_ISL_557537|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2197/2020|2020-08-10|EPI_ISL_617498|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8331/2020|2020-07-08|EPI_ISL_784336|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/IDF-9143/2020|2020-09-14|EPI_ISL_593909|Original|hCoV-19^^\u00cele-de-France|Human|Labo Analyses Med|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-19669/2020|2020-12-07|EPI_ISL_749099|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6269/2020|2020-08-00|EPI_ISL_689380|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20186132304/2020|2020-04-30|EPI_ISL_465489|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3110/2020|2020-04-21|EPI_ISL_579421|Original|hCoV-19^^Combined Auckland|Human|LabTests|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Australia/VIC15329/2020|2020-08-03|EPI_ISL_593250|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A2E4F7/2020|2020-10-06|EPI_ISL_586906|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4714/2020|2020-09-21|EPI_ISL_612063|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6608981/2020|2020-11-02|EPI_ISL_744440|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-16E70A/2020|2020-09-29|EPI_ISL_585759|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-5D0A60/2020|2020-06-19|EPI_ISL_558507|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-882/2020|2020-04-20|EPI_ISL_545896|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0073/2020|2020-04-20|EPI_ISL_445016|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-A06307/2020|2020-10-01|EPI_ISL_599994|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah248/2020|2020-03-31|EPI_ISL_437734|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-17272/2020|2020-12-14|EPI_ISL_750345|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3655/2020|2020-08-31|EPI_ISL_615427|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUIH-9B7E14/2020|2020-09-07|EPI_ISL_590605|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1875/2020|2020-11-11|EPI_ISL_732093|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/LEED-2AA4BF/2020|2020-04-01|EPI_ISL_538832|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/MASRI-026/2020|2020-05-10|EPI_ISL_482772|Original|hCoV-19^^Egypt|Human|Medical Ain Shams Research Institute (MASRI)|Medical Ain Shams Research Institute (MASRI)|Moustafa|Egypt

>Spike|hCoV-19/Japan/Donner14/2020|2020-04-10|EPI_ISL_438958|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/USA/CO-CDPHE-2011210222/2020|2020-11-19|EPI_ISL_771263|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-16C9BB/2020|2020-09-16|EPI_ISL_574116|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/1228/2020|2020-04-24|EPI_ISL_648644|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Wales/PHWC-16485C/2020|2020-05-21|EPI_ISL_479313|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUIH-7B903C/2020|2020-07-22|EPI_ISL_532941|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_115/2020|2020-05-22|EPI_ISL_460876|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-11413/2020|2020-11-02|EPI_ISL_670902|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00065/2020|2020-04-03|EPI_ISL_791561|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Luxembourg/LNS5328839/2020|2020-11-02|EPI_ISL_744218|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUIH-96E386/2020|2020-08-18|EPI_ISL_534453|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7AA44/2020|2020-11-12|EPI_ISL_741155|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AZ-TG269439/2020|2020-03-20|EPI_ISL_426524|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|Lemmer|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14850/2020|2020-10-12|EPI_ISL_786334|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WY-WPHL-20044834/2020|2020-07-17|EPI_ISL_769907|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Brazil/SP-L15-CD278/2020|2020-03-30|EPI_ISL_476270|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/QEUH-963846/2020|2020-08-12|EPI_ISL_531811|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498AED/2020|2020-12-03|EPI_ISL_727172|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2220/2020|2020-05-31|EPI_ISL_513768|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0119/2020|2020-04-20|EPI_ISL_515390|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/CAMC-C448DF/2020|2020-12-10|EPI_ISL_719326|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B2388C/2020|2020-11-04|EPI_ISL_646894|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C5BA84/2020|2020-12-14|EPI_ISL_769413|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/BG-030955/2020|2020-03-09|EPI_ISL_418984|Original|hCoV-19^^Kaulile|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMB-1BB522/2020|2020-11-16|EPI_ISL_664616|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Beijing/BJ556/2020|2020-02-04|EPI_ISL_430733|Original|hCoV-19^^Beijing|Human|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China

>Spike|hCoV-19/Wales/PHWC-49D66C/2020|2020-12-12|EPI_ISL_742814|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/RO-07/2020|2020-05-05|EPI_ISL_514137|Original|hCoV-19^^Rond\u00f4nia|Human|Rond\u00f4nia Central Public Health Laboratory (LACEN/RO)|Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rond\u00f4nia|Souza Botelho|Brazil

>Spike|hCoV-19/Wales/PHWC-483380/2020|2020-10-17|EPI_ISL_627809|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDEF3/2020|2020-06-14|EPI_ISL_584543|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/CAMC-B7AF72/2020|2020-11-12|EPI_ISL_723972|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-CAD7B9/2020|2020-12-20|EPI_ISL_761134|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D0B9F/2020|2020-09-18|EPI_ISL_573749|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1417-8240/2020|2020-06-22|EPI_ISL_753959|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/201090490/2020|2020-03-08|EPI_ISL_464573|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2643/2020|2020-08-17|EPI_ISL_617862|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-CB3F5E/2020|2020-12-18|EPI_ISL_760862|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0222/2020|2020-11-05|EPI_ISL_747456|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Netherlands/NA_60/2020|2020-03-09|EPI_ISL_422821|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OR-OHSU-2539/2020|2020-08-19|EPI_ISL_667243|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Netherlands/Gelderland_30/2020|2020-04-06|EPI_ISL_460930|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/CAMC-AB2391/2020|2020-10-22|EPI_ISL_634815|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7681/2020|2020-06-26|EPI_ISL_545582|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036855102/2020|2020-11-09|EPI_ISL_728452|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-B46D48/2020|2020-11-06|EPI_ISL_656229|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-4378/2020|2020-07-03|EPI_ISL_527654|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Canada/ON-PHL-3501/2020|2020-03-00|EPI_ISL_418333|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/USA/UT-01598/2020|2020-04-06|EPI_ISL_449834|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-UW-299/2020|2020-04-13|EPI_ISL_436593|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/204980132/2020|2020-12-03|EPI_ISL_723025|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-98F49B/2020|2020-08-27|EPI_ISL_539975|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA15B/2020|2020-09-24|EPI_ISL_579935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1265/2020|2020-06-09|EPI_ISL_482986|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/LIVE-1D4435/2020|2020-09-13|EPI_ISL_549354|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B52444/2020|2020-11-08|EPI_ISL_656823|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15162/2020|2020-11-23|EPI_ISL_738643|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-9DC8EE/2020|2020-09-21|EPI_ISL_581105|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A8608/2020|2020-03-26|EPI_ISL_517189|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR5541/2020|2020-11-02|EPI_ISL_651831|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-107141/2020|2020-03-27|EPI_ISL_585114|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Portugal/PT0244/2020|2020-03-31|EPI_ISL_453958|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-94D754/2020|2020-06-16|EPI_ISL_555025|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D118B/2020|2020-04-22|EPI_ISL_475335|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-97073A/2020|2020-08-17|EPI_ISL_581400|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Algeria/G38599-8859/2020|2020-06-20|EPI_ISL_766871|Original|hCoV-19^^Laghouat|Human|NIC Viral Respiratory Unit - Institut Pasteur of Algeria|National Reference Center for Viruses of Respiratory Infections|Enouf|Algeria

>Spike|hCoV-19/Switzerland/SZ-ETHZ-310409/2020|2020-10-08|EPI_ISL_603483|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-F61FB/2020|2020-11-27|EPI_ISL_704847|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC7737/2020|2020-08-05|EPI_ISL_564617|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-488FE1/2020|2020-11-01|EPI_ISL_639526|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/C200026732/2020|2020-00-00|EPI_ISL_733582|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Lackenby|United Kingdom

>Spike|hCoV-19/England/20110000806/2020|2020-03-05|EPI_ISL_417303|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B56D/2020|2020-09-15|EPI_ISL_560303|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Gibraltar/204421232/2020|2020-10-27|EPI_ISL_613692|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-C580D0/2020|2020-12-13|EPI_ISL_735890|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1741/2020|2020-03-21|EPI_ISL_424238|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/QC_AC3/2020|2020-04-06|EPI_ISL_444507|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/MILK-9D47BC/2020|2020-09-18|EPI_ISL_601632|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15095/2020|2020-10-18|EPI_ISL_786579|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC49/2020|2020-03-12|EPI_ISL_419764|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/LA-EVTL042/2020|2020-05-02|EPI_ISL_451203|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-B459DC/2020|2020-11-07|EPI_ISL_656027|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9E5141/2020|2020-09-24|EPI_ISL_600981|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC19F4/2020|2020-11-20|EPI_ISL_702907|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NH_0004/2020|2020-02-29|EPI_ISL_420791|Original|hCoV-19^^New Hampshire|Human|NH Department of Health and Human Services Public Health Labs|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20616/2020|2020-11-20|EPI_ISL_790695|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/EDB924/2020|2020-04-05|EPI_ISL_432883|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16939/2020|2020-12-14|EPI_ISL_750655|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0410/2020|2020-12-16|EPI_ISL_755518|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Netherlands/Zeeland_3/2020|2020-03-29|EPI_ISL_461268|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-B1438D/2020|2020-11-03|EPI_ISL_642722|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012984128/2020|2020-11-24|EPI_ISL_747000|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Germany/NW-MPP-26/2020|2020-06-16|EPI_ISL_487415|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00f6ttingen|Germany

>Spike|hCoV-19/England/ALDP-B74D7E/2020|2020-11-12|EPI_ISL_662062|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47EB9F/2020|2020-09-25|EPI_ISL_595562|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020325112/2020|2020-09-02|EPI_ISL_632839|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/WY-UNM-00131/2020|2020-06-11|EPI_ISL_614254|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/SHEF-D0CBA/2020|2020-04-02|EPI_ISL_442478|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_10749/2020|2020-11-02|EPI_ISL_737014|Original|hCoV-19^^\u00dast\u00ed nad Labem Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Denmark/DCGC-16740/2020|2020-06-15|EPI_ISL_714934|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49E294/2020|2020-12-07|EPI_ISL_742978|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D2399-1/2020|2020-04-02|EPI_ISL_527465|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/TX-HMH-6453/2020|2020-06-27|EPI_ISL_546006|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12948C/2020|2020-04-19|EPI_ISL_458815|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7750/2020|2020-07-28|EPI_ISL_564628|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A8C1B4/2020|2020-10-16|EPI_ISL_643219|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-384/2020|2020-11-20|EPI_ISL_718050|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0r Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Australia/VIC1617/2020|2020-05-06|EPI_ISL_456525|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5241/2020|2020-04-29|EPI_ISL_700486|Original|hCoV-19^^Western Cape|Human|Nyanga CDC wc NGC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Denmark/DCGC-12299/2020|2020-11-16|EPI_ISL_682480|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E99FA/2020|2020-09-24|EPI_ISL_584277|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2702/2020|2020-03-14|EPI_ISL_605044|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Luxembourg/LNS3162972/2020|2020-04-14|EPI_ISL_434513|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-35CB3/2020|2020-04-27|EPI_ISL_474553|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-79758/2020|2020-04-01|EPI_ISL_441090|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Israel/CVL-n26800/2020|2020-07-24|EPI_ISL_514306|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Canada/BC_11028219/2020|2020-04-00|EPI_ISL_467317|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/ALDP-BC790F/2020|2020-11-22|EPI_ISL_721345|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99C8BD/2020|2020-08-30|EPI_ISL_550652|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96BD12/2020|2020-08-13|EPI_ISL_531231|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10343/2020|2020-08-04|EPI_ISL_540510|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/France/PAC-IHU-1296/2020|2020-08-18|EPI_ISL_569111|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUEH-969585/2020|2020-08-11|EPI_ISL_531082|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B26212/2020|2020-11-04|EPI_ISL_646502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/CW-NVRL-78IRL78764/2020|2020-11-24|EPI_ISL_752588|Original|hCoV-19^^Carlow|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/WA-UW-2875/2020|2020-03-29|EPI_ISL_486042|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C3AB6A/2020|2020-12-09|EPI_ISL_731502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-1830/2020|2020-04-04|EPI_ISL_541349|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/France/BRE-IPP10875/2020|2020-12-10|EPI_ISL_754170|Original|hCoV-19^^Bretagne|Human|Laboratoire de Microbiologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/SC-QDX-2484/2020|2020-03-14|EPI_ISL_604841|Original|hCoV-19^^South Carolina|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Germany/NW-HHU-429/2020|2020-11-13|EPI_ISL_718103|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/New Zealand/20VR0988/2020|2020-03-18|EPI_ISL_456173|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Chile/RM-73246/2020|2020-05-23|EPI_ISL_746788|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/QEUEH-9C8180/2020|2020-09-03|EPI_ISL_566998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-CDC-6234/2020|2020-03-24|EPI_ISL_576183|Original|hCoV-19^^Wisconsin|Human|WI State Laboratory of Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/NORT-2819BF/2020|2020-03-21|EPI_ISL_488778|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F35DB/2020|2020-09-24|EPI_ISL_588612|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-05209/2020|2020-05-30|EPI_ISL_560865|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-48FADA/2020|2020-11-10|EPI_ISL_681186|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-27275/2020|2020-04-19|EPI_ISL_676569|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-2BD26/2020|2020-04-07|EPI_ISL_445838|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-189/2020|2020-05-08|EPI_ISL_583185|Original|hCoV-19^^California|Human|San Bernardino County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Switzerland/BLETHZ-360012/2020|2020-11-12|EPI_ISL_693871|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-13869/2020|2020-11-30|EPI_ISL_713071|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-BCE4BC/2020|2020-11-26|EPI_ISL_704321|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5E220/2020|2020-11-09|EPI_ISL_723642|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC4802/2020|2020-07-17|EPI_ISL_519187|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7502/2020|2020-10-12|EPI_ISL_619068|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-0233/2020|2020-04-04|EPI_ISL_509076|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-18427/2020|2020-12-07|EPI_ISL_749959|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC17153/2020|2020-08-15|EPI_ISL_663768|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A7B68C/2020|2020-10-15|EPI_ISL_607543|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DAC6/2020|2020-09-18|EPI_ISL_577487|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-96DC22/2020|2020-08-18|EPI_ISL_530666|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1651D8/2020|2020-05-29|EPI_ISL_479432|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-115793/2020|2020-12-04|EPI_ISL_745360|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-95702F/2020|2020-06-10|EPI_ISL_554148|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3410/2020|2020-00-00|EPI_ISL_563988|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/PV-IBV-001549/2020|2020-03-16|EPI_ISL_467119|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B84616/2020|2020-11-15|EPI_ISL_675181|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5720/2020|2020-05-18|EPI_ISL_700568|Original|hCoV-19^^Western Cape|Human|Dr Abdurahman CDC wc DAC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Scotland/QEUH-96A126/2020|2020-08-15|EPI_ISL_534372|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5C5BB6/2020|2020-06-18|EPI_ISL_558585|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-16075/2020|2020-11-29|EPI_ISL_739466|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-48ED2D/2020|2020-11-10|EPI_ISL_680996|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-121F29/2020|2020-03-19|EPI_ISL_440039|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Portugal/PT0647/2020|2020-03-30|EPI_ISL_510908|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-9B7290/2020|2020-09-07|EPI_ISL_590687|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D851/2020|2020-04-06|EPI_ISL_441580|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-646/2020|2020-09-14|EPI_ISL_700276|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Spain/VC-IBV-98004446/2020|2020-03-24|EPI_ISL_583929|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Uruguay/TYT-M49/2020|2020-06-18|EPI_ISL_749148|Original|hCoV-19^^Treinta y Tres|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/Denmark/DCGC-19283/2020|2020-12-07|EPI_ISL_748214|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/TG-CCMB-AC528/2020|2020-08-19|EPI_ISL_539703|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Australia/VIC1220/2020|2020-04-01|EPI_ISL_430517|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory

(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/OR-OHSU-0398/2020|2020-05-12|EPI_ISL_509130|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/England/CAMB-741AA/2020|2020-03-20|EPI_ISL_440364|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Canada/ON-S1285/2020|2020-05-08|EPI_ISL_586333|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/Luxembourg/LNS0756265/2020|2020-03-30|EPI_ISL_429725|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/CT-UW-7290/2020|2020-04-04|EPI_ISL_570185|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/WA-S3/2020|2020-02-28|EPI_ISL_413560|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Australia/NSW653/2020|2020-07-11|EPI_ISL_498772|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/South Africa/KRISP-K003357/2020|2020-09-04|EPI_ISL_602748|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Wales/PHWC-1659C1/2020|2020-06-15|EPI_ISL_490750|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-3672/2020|2020-08-11|EPI_ISL_516747|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/OXON-ADEB0/2020|2020-00-00|EPI_ISL_448643|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6460/2020|2020-06-27|EPI_ISL_546013|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-13038/2020|2020-08-28|EPI_ISL_788189|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-48C071/2020|2020-11-05|EPI_ISL_666386|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC16005/2020|2020-08-03|EPI_ISL_640504|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-7589/2020|2020-10-12|EPI_ISL_618497|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/VIC7403/2020|2020-07-30|EPI_ISL_564385|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-B74DD8/2020|2020-11-12|EPI_ISL_662124|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-122571/2020|2020-04-04|EPI_ISL_440732|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/MILK-BFD566/2020|2020-12-03|EPI_ISL_720808|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20450/2020|2020-12-21|EPI_ISL_759157|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9C4FA8/2020|2020-09-10|EPI_ISL_567683|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-233266/2020|2020-09-23|EPI_ISL_680272|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Brazil/MG-CV16/2020|2020-03-16|EPI_ISL_429676|Original|hCoV-19^^Minas Gerais|Human|Central Public Health Laboratory/Oct\u00e9lvio Magalh\u00e3es Institute (IOM) from the Ezequiel Dias Foundation (FUNED)|Instituto Oct\u00e9lvio Magalh\u00e3es / Funda\u00e7\u00e3o Ezequiel Dias (IOM/Funed)|Giovanetti|Brazil

>Spike|hCoV-19/India/MH-ACTREC-429/2020|2020-07-31|EPI_ISL_700078|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Peru/LIM-UPCH-0079/2020|2020-06-17|EPI_ISL_540957|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Russia/MOS-RII-MH9341S/2020|2020-10-14|EPI_ISL_733446|Original|hCoV-19^^Moscow Region|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/CVR3407/2020|2020-05-06|EPI_ISL_456831|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036535367/2020|2020-10-20|EPI_ISL_640152|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-C61915/2020|2020-12-13|EPI_ISL_769439|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4466/2020|2020-09-20|EPI_ISL_585330|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13757/2020|2020-09-16|EPI_ISL_739535|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/France/ARA-2068/2020|2020-04-06|EPI_ISL_508988|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Japan/PG-2807/2020|2020-04-00|EPI_ISL_690934|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-760D8/2020|2020-03-30|EPI_ISL_438283|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-B2C892/2020|2020-11-02|EPI_ISL_646517|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200042014/2020|2020-11-02|EPI_ISL_649794|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B7FF22/2020|2020-11-14|EPI_ISL_661923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205100233/2020|2020-12-11|EPI_ISL_766302|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB931/2020|2020-04-04|EPI_ISL_491602|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42183868/2020|2020-03-10|EPI_ISL_527971|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Switzerland/GE-ETHZ-340099/2020|2020-10-26|EPI_ISL_721809|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-AB78E8/2020|2020-10-21|EPI_ISL_623780|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-368/2020|2020-07-21|EPI_ISL_514240|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/NORT-292326/2020|2020-05-09|EPI_ISL_489134|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0155/2020|2020-05-14|EPI_ISL_515419|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Portugal/PT1449/2020|2020-03-26|EPI_ISL_511408|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-48B063/2020|2020-11-05|EPI_ISL_666188|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC450/2020|2020-09-24|EPI_ISL_580625|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S390/2020|2020-03-27|EPI_ISL_434150|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-47F9FE/2020|2020-10-12|EPI_ISL_612757|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7B66E/2020|2020-10-15|EPI_ISL_607424|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C061B0/2020|2020-12-05|EPI_ISL_709491|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5250/2020|2020-07-07|EPI_ISL_520015|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Saudi Arabia/4637/2020|2020-03-15|EPI_ISL_469241|Original|hCoV-19^^Jeddah|Human|Special Infectious Agents Unit|Special Infectious Agents Unit|Submitter|Saudi Arabia

>Spike|hCoV-19/Ireland/D-NVRL-71IRL94252/2020|2020-07-29|EPI_ISL_525358|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-DSHS-1437/2020|2020-06-24|EPI_ISL_671612|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-C6F4F8/2020|2020-12-13|EPI_ISL_778406|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-622B4D/2020|2020-07-06|EPI_ISL_557895|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CE9C/2020|2020-12-10|EPI_ISL_731738|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-73IRL26673/2020|2020-09-16|EPI_ISL_578266|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-LACPHL-AE00059/2020|2020-07-14|EPI_ISL_765997|Original|hCoV-19^^California|Human|USC Clinical Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Wales/PHWC-1696B7/2020|2020-07-24|EPI_ISL_512497|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-08124/2020|2020-03-09|EPI_ISL_454440|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-BDB59B/2020|2020-11-26|EPI_ISL_709771|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2875/2020|2020-09-22|EPI_ISL_596406|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-480D3A/2020|2020-10-22|EPI_ISL_612997|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17391/2020|2020-12-14|EPI_ISL_750951|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-14611/2020|2020-05-13|EPI_ISL_475566|Original|hCoV-19^^Ostergotland|Human|Vardcentralen Brinken|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/MI-MDHHS-SC20234/2020|2020-03-28|EPI_ISL_447204|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-49B631/2020|2020-06-11|EPI_ISL_559340|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201025792/2020|2020-07-06|EPI_ISL_594052|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC16277/2020|2020-08-06|EPI_ISL_640977|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C3AD73/2020|2020-12-09|EPI_ISL_731465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-971739/2020|2020-08-18|EPI_ISL_553233|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-8835E0/2020|2020-08-04|EPI_ISL_532650|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4779/2020|2020-08-00|EPI_ISL_689626|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B7DA6/2020|2020-10-13|EPI_ISL_638374|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B34BAD/2020|2020-11-05|EPI_ISL_659717|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-71E0DB/2020|2020-07-01|EPI_ISL_557727|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-006006/2020|2020-03-25|EPI_ISL_500437|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-9CD0BB/2020|2020-09-16|EPI_ISL_566410|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2484/2020|2020-04-15|EPI_ISL_513879|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-1535/2020|2020-06-01|EPI_ISL_617987|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-BA276A/2020|2020-11-18|EPI_ISL_719932|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_339/2020|2020-04-04|EPI_ISL_455144|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B082E9/2020|2020-10-29|EPI_ISL_643827|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-ALSR-0071-NBG/2020|2020-03-26|EPI_ISL_434527|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/South Korea/KCDC2289/2020|2020-05-20|EPI_ISL_510626|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/ID-UW-6464/2020|2020-04-02|EPI_ISL_570119|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-67D2B7/2020|2020-07-03|EPI_ISL_551789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-420290/2020|2020-12-20|EPI_ISL_767995|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/QC-LSPQ-L00238742/2020|2020-03-26|EPI_ISL_536217|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Spain/MD-IBV-003722/2020|2020-05-07|EPI_ISL_467190|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-A9EF1F/2020|2020-10-20|EPI_ISL_611323|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B4626/2020|2020-06-02|EPI_ISL_492196|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01449/2020|2020-04-10|EPI_ISL_452156|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/HECH-259A0E2/2020|2020-05-20|EPI_ISL_488843|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7541/2020|2020-06-25|EPI_ISL_546836|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG664469/2020|2020-04-20|EPI_ISL_696102|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-14754/2020|2020-11-02|EPI_ISL_738947|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000549/2020|2020-03-23|EPI_ISL_632009|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUA-AAAC64/2020|2020-10-21|EPI_ISL_652736|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B69C06/2020|2020-11-11|EPI_ISL_655092|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S2031/2020|2020-12-21|EPI_ISL_755812|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/MILK-C7B769/2020|2020-12-01|EPI_ISL_757014|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-5710/2020|2020-03-00|EPI_ISL_418338|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/Denmark/DCGC-3121/2020|2020-08-31|EPI_ISL_615938|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9EC511/2020|2020-09-24|EPI_ISL_580301|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-nimh-4377/2020|2020-04-24|EPI_ISL_486396|Original|hCoV-19^^Karnataka|Human|Jayanagar General Hospital to Victoria Hospital|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/India/WB-S5/2020|2020-03-28|EPI_ISL_430465|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/South Africa/LR00060/2020|2020-07-10|EPI_ISL_515180|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/ALDP-94A362/2020|2020-06-11|EPI_ISL_556370|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW161/2020|2020-03-24|EPI_ISL_427788|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-4A4F0D/2020|2020-12-09|EPI_ISL_764192|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Uganda/UG103/2020|2020-07-04|EPI_ISL_738010|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/Zimbabwe/ZW-25BY/2020|2020-04-01|EPI_ISL_644787|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/Mexico/CMX-INMEGEN-10/2020|2020-08-01|EPI_ISL_522940|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Medicina Genómica|Instituto Nacional de Medicina Genómica|Hidalgo|Mexico

>Spike|hCoV-19/France/ARA-114869/2020|2020-12-02|EPI_ISL_745354|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-9ED3DA/2020|2020-05-05|EPI_ISL_589322|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012361831/2020|2020-08-09|EPI_ISL_745651|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB3507/2020|2020-04-13|EPI_ISL_487692|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2142/2020|2020-03-18|EPI_ISL_604427|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LOND-D4CD4/2020|2020-04-15|EPI_ISL_449676|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-B11B5B/2020|2020-11-02|EPI_ISL_642461|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-65027/2020|2020-09-29|EPI_ISL_594542|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F3DD3/2020|2020-09-24|EPI_ISL_588480|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A1A4/2020|2020-12-09|EPI_ISL_731470|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9443/2020|2020-08-18|EPI_ISL_565555|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A5586/2020|2020-03-19|EPI_ISL_500127|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-8315D2/2020|2020-07-17|EPI_ISL_557237|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A56E4/2020|2020-09-04|EPI_ISL_550096|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F949C/2020|2020-09-27|EPI_ISL_600922|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F105/2020|2020-10-16|EPI_ISL_612630|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-5B0240/2020|2020-06-17|EPI_ISL_558651|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01679/2020|2020-04-13|EPI_ISL_454708|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-12560/2020|2020-11-16|EPI_ISL_682741|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-C62219/2020|2020-12-13|EPI_ISL_735781|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AC338/2020|2020-08-19|EPI_ISL_539737|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/QEUEH-B9E6DD/2020|2020-11-18|EPI_ISL_719927|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B983EB/2020|2020-11-15|EPI_ISL_673756|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124D1E1/2020|2020-03-23|EPI_ISL_507066|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C8F1/2020|2020-11-07|EPI_ISL_725670|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Peru/LIM-INS-111/2020|2020-05-04|EPI_ISL_536509|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/USA/CA-CDPH246/2020|2020-11-15|EPI_ISL_755003|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Denmark/DCGC-17480/2020|2020-12-14|EPI_ISL_751012|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20122071004/2020|2020-03-15|EPI_ISL_465762|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3911E/2020|2020-12-09|EPI_ISL_767264|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49487E/2020|2020-11-21|EPI_ISL_726178|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A9FA59/2020|2020-10-20|EPI_ISL_665407|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-68B90C/2020|2020-07-02|EPI_ISL_558009|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B374BE/2020|2020-11-05|EPI_ISL_645378|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2587/2020|2020-06-28|EPI_ISL_514990|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Bangladesh/JUST-GC40.86/2020|2020-06-11|EPI_ISL_475573|Original|hCoV-19^^Khulna|Human|Genome Center|Genome Center|Alam|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-18260/2020|2020-12-14|EPI_ISL_749221|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/QEUA-96DA64/2020|2020-08-20|EPI_ISL_530714|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265DACE/2020|2020-03-27|EPI_ISL_484061|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH205/2020|2020-11-12|EPI_ISL_754955|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000481/2020|2020-05-06|EPI_ISL_631948|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC2216/2020|2020-06-14|EPI_ISL_521956|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-C61EBC/2020|2020-12-13|EPI_ISL_735833|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D48C/2020|2020-06-01|EPI_ISL_574240|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2197/2020|2020-06-08|EPI_ISL_497625|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/20138018204/2020|2020-03-27|EPI_ISL_423289|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/DF-891/2020|2020-03-22|EPI_ISL_427298|Original|hCoV-19^^Distrito Federal|Human|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Silva|Brazil

>Spike|hCoV-19/Wales/PHWC-491BC3/2020|2020-11-10|EPI_ISL_706754|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487762/2020|2020-10-30|EPI_ISL_639233|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7480/2020|2020-06-30|EPI_ISL_546791|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-15582/2020|2020-11-23|EPI_ISL_713907|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18713/2020|2020-11-22|EPI_ISL_785061|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-ACTREC-271/2020|2020-07-10|EPI_ISL_699923|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-8503/2020|2020-09-00|EPI_ISL_687602|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-995711/2020|2020-08-18|EPI_ISL_551721|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-706/2020|2020-04-18|EPI_ISL_546471|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20496/2020|2020-11-21|EPI_ISL_728711|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/MILK-A0657A/2020|2020-10-01|EPI_ISL_600126|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16576/2020|2020-11-16|EPI_ISL_714846|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-609/2020|2020-04-11|EPI_ISL_547228|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-77B8B/2020|2020-04-01|EPI_ISL_439453|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Hangzhou/HZCDC6228/2020|2020-03-07|EPI_ISL_482577|Original|hCoV-19^^Zhejiang|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China

>Spike|hCoV-19/Peru/LAM-INS-071/2020|2020-03-16|EPI_ISL_523954|Original|hCoV-19^^Lambayeque|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru

>Spike|hCoV-19/USA/TX-HMH-MCoV-18217/2020|2020-11-11|EPI_ISL_784565|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-1346/2020|2020-08-19|EPI_ISL_569130|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0027Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Belgium/HP-0319108/2020|2020-03-19|EPI_ISL_420364|Original|hCoV-19^^Anderlecht|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/PORT-2D1455/2020|2020-00-00|EPI_ISL_512389|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-AE2AEE/2020|2020-10-26|EPI_ISL_633645|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-78B11/2020|2020-04-03|EPI_ISL_441808|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21671/2020|2020-07-07|EPI_ISL_516398|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MA-MGH-03263/2020|2020-10-19|EPI_ISL_765763|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-A6927E/2020|2020-10-12|EPI_ISL_609105|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bermuda/204990921/2020|2020-11-08|EPI_ISL_780391|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Spike|hCoV-19/England/NORT-281A8F/2020|2020-03-22|EPI_ISL_488759|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4249/2020|2020-06-20|EPI_ISL_543461|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC3097/2020|2020-07-04|EPI_ISL_520804|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-95862C/2020|2020-06-11|EPI_ISL_554731|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D26D/2020|2020-11-09|EPI_ISL_678878|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-99E38D/2020|2020-08-31|EPI_ISL_550720|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B47309/2020|2020-11-07|EPI_ISL_656208|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C4C0/2020|2020-10-14|EPI_ISL_608266|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB8D7/2020|2020-11-17|EPI_ISL_720451|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-234E52/2020|2020-10-23|EPI_ISL_764400|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/BIRM-5E373/2020|2020-04-14|EPI_ISL_444290|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5634/2020|2020-09-28|EPI_ISL_619921|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11295/2020|2020-07-18|EPI_ISL_563321|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Slovenia/V0-282/2020|2020-03-27|EPI_ISL_635282|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/LIVE-1D2534/2020|2020-05-11|EPI_ISL_572769|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/C200044492/2020|2020-11-06|EPI_ISL_666766|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0397/2020|2020-07-15|EPI_ISL_754884|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Belgium/reg-a-09221001/2020|2020-09-22|EPI_ISL_735008|Original|hCoV-19^^Hoeilaart|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-BB4D45/2020|2020-11-19|EPI_ISL_702427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20384/2020|2020-03-24|EPI_ISL_450595|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00241435/2020|2020-03-27|EPI_ISL_536280|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-AB9BDE/2020|2020-10-22|EPI_ISL_623839|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4251/2020|2020-07-00|EPI_ISL_692481|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/un-EMC-780/2020|2020-06-06|EPI_ISL_577876|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-454/2020|2020-04-03|EPI_ISL_543703|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/GCVR-1721F6/2020|2020-03-30|EPI_ISL_469932|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-9B1E1A/2020|2020-09-04|EPI_ISL_573867|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-317/2020|2020-03-22|EPI_ISL_571061|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-B46AF6/2020|2020-11-06|EPI_ISL_656155|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/11057/2020|2020-05-24|EPI_ISL_527528|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/DRC/4681/2020|2020-04-30|EPI_ISL_514116|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/QEUA-A1E1B7/2020|2020-10-01|EPI_ISL_587432|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG668353/2020|2020-05-13|EPI_ISL_696275|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Scotland/CVR3301/2020|2020-04-30|EPI_ISL_493857|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9868/2020|2020-07-06|EPI_ISL_780313|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-21507/2020|2020-12-21|EPI_ISL_758200|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18629/2020|2020-12-07|EPI_ISL_750091|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48E859/2020|2020-11-13|EPI_ISL_680920|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG501912/2020|2020-07-15|EPI_ISL_695276|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/LEED-2A8F1A/2020|2020-04-06|EPI_ISL_539150|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4C2E/2020|2020-10-21|EPI_ISL_624221|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3404/2020|2020-07-07|EPI_ISL_521083|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/QC-LSPQ-L00229319/2020|2020-03-20|EPI_ISL_535889|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Saint-Eustache|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/LIVE-DC2D7F/2020|2020-11-25|EPI_ISL_703695|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD428/2020|2020-09-16|EPI_ISL_566262|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-22147/2020|2020-06-26|EPI_ISL_623080|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Austria/CeMM0756/2020|2020-04-23|EPI_ISL_583690|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-B76A66/2020|2020-11-12|EPI_ISL_723800|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1953/2020|2020-06-25|EPI_ISL_512258|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-48F31B/2020|2020-11-08|EPI_ISL_681076|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BB55A6/2020|2020-11-21|EPI_ISL_703070|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4995/2020|2020-09-14|EPI_ISL_621789|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC2835/2020|2020-07-04|EPI_ISL_521666|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/QEUA-96322A/2020|2020-08-11|EPI_ISL_531797|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9222/2020|2020-11-16|EPI_ISL_668858|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036464855/2020|2020-10-15|EPI_ISL_628818|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-14101/2020|2020-11-30|EPI_ISL_711568|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/205120475/2020|2020-12-11|EPI_ISL_766107|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-C70D53/2020|2020-12-16|EPI_ISL_768932|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAFD4E/2020|2020-10-21|EPI_ISL_623360|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACCD2D/2020|2020-10-21|EPI_ISL_630021|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1507/2020|2020-06-22|EPI_ISL_683422|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-22483/2020|2020-12-14|EPI_ISL_757468|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB3919/2020|2020-05-02|EPI_ISL_439367|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM02129348/2020|2020-11-30|EPI_ISL_753479|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/VIC13492/2020|2020-08-03|EPI_ISL_592265|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-WSLH-200189/2020|2020-04-08|EPI_ISL_578414|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Scotland/QEUA-B319B5/2020|2020-11-04|EPI_ISL_676424|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13175/2020|2020-11-30|EPI_ISL_712260|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-50244/2020|2020-03-08|EPI_ISL_455884|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMC-B7AB23/2020|2020-11-13|EPI_ISL_741161|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D1B9/2020|2020-10-14|EPI_ISL_608335|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08635/2020|2020-05-07|EPI_ISL_524373|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB5503/2020|2020-04-26|EPI_ISL_487756|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0705/2020|2020-03-27|EPI_ISL_509763|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/South Africa/KRISP-K004052/2020|2020-10-19|EPI_ISL_635031|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/SHEF-C02AC/2020|2020-03-28|EPI_ISL_420208|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/BRIS-12BF4D/2020|2020-05-09|EPI_ISL_469433|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/341269/2020|2020-04-15|EPI_ISL_496914|Original|hCoV-19^^Guna Yala|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/MI-MDHHS-SC22017/2020|2020-09-02|EPI_ISL_577577|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC_426/2020|2020-10-05|EPI_ISL_603247|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Singapore/1167/2020|2020-04-08|EPI_ISL_648095|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Canada/ON-PHL-20-02302/2020|2020-09-00|EPI_ISL_671565|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/LOND-D5AF7/2020|2020-04-18|EPI_ISL_457299|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB985/2020|2020-09-16|EPI_ISL_575560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CBF3CF/2020|2020-12-18|EPI_ISL_760759|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-124/2020|2020-12-18|EPI_ISL_746831|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/England/LOND-DAD71/2020|2020-11-03|EPI_ISL_724708|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-330433/2020|2020-10-18|EPI_ISL_614906|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/France/OCC-SC545/2020|2020-04-02|EPI_ISL_645201|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-A2E0F3/2020|2020-10-06|EPI_ISL_586874|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-978741/2020|2020-07-31|EPI_ISL_550457|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1351/2020|2020-12-28|EPI_ISL_767917|Original|hCoV-19^^New South Wales|Human|Australian Clinical Labs|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WI-GMF-15627/2020|2020-08-16|EPI_ISL_547707|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/TX-DSHS-0091/2020|2020-05-24|EPI_ISL_522375|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-B0A5C0/2020|2020-10-29|EPI_ISL_673077|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001504/2020|2020-03-19|EPI_ISL_467112|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/20142010304/2020|2020-03-29|EPI_ISL_465914|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC8785/2020|2020-07-30|EPI_ISL_565194|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/SO-ETHZ-400307/2020|2020-12-07|EPI_ISL_729162|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Romania/ROSV_12587/2020|2020-06-09|EPI_ISL_491044|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/England/MILK-B86359/2020|2020-11-13|EPI_ISL_674136|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10B2A48/2020|2020-05-03|EPI_ISL_537229|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204441534/2020|2020-10-17|EPI_ISL_622890|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B52B9A/2020|2020-11-09|EPI_ISL_657444|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20118046304/2020|2020-03-11|EPI_ISL_464915|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6736/2020|2020-06-25|EPI_ISL_546203|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Turkey/IST-GLAB-156/2020|2020-05-02|EPI_ISL_480254|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/ALDP-9FDEB8/2020|2020-10-01|EPI_ISL_587875|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13808/2020|2020-08-06|EPI_ISL_592323|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MASPHL-00327/2020|2020-04-28|EPI_ISL_693190|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Italy/FVG-ICGEB-S217/2020|2020-07-07|EPI_ISL_498562|Original|hCoV-19^^Friuli Venezia Giulia|Human|Laboratory of Molecular Virology International Center for Genetic Engineering and Biotechnology (ICGEB)|ARGO Open Lab Platform for Genome Sequencing|Marcello|Italy

>Spike|hCoV-19/India/GJ-GBRC29/2020|2020-04-30|EPI_ISL_444460|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Saudi Arabia/KAUST-JEDDAH1319/2020|2020-06-30|EPI_ISL_677931|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/CA-QDX-1287/2020|2020-03-17|EPI_ISL_571923|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-AA1456/2020|2020-10-22|EPI_ISL_623891|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/HID-INDRE-65/2020|2020-08-25|EPI_ISL_576268|Original|hCoV-19^^Hidalgo|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/England/CAMB-1B337B/2020|2020-05-25|EPI_ISL_461557|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-7824/2020|2020-08-00|EPI_ISL_686926|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Bulgaria/36/2020|2020-03-30|EPI_ISL_480307|Original|hCoV-19^^Sofia|Human|National Reference Laboratory \Influenza and acute respiratory diseases\|NRL-HIV|Ivanov|Bulgaria

>Spike|hCoV-19/England/QEUH-BCB5AD/2020|2020-11-27|EPI_ISL_704279|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-98F79/2020|2020-04-07|EPI_ISL_439677|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9E31BC/2020|2020-09-20|EPI_ISL_581131|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5409/2020|2020-09-22|EPI_ISL_651805|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1310/2020|2020-04-13|EPI_ISL_542644|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR4732/2020|2020-09-28|EPI_ISL_585425|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB407/2020|2020-03-30|EPI_ISL_426000|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2504/2020|2020-00-00|EPI_ISL_579258|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUH-C33527/2020|2020-12-11|EPI_ISL_782601|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B1D524/2020|2020-11-01|EPI_ISL_710993|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9C98B7/2020|2020-09-10|EPI_ISL_567493|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1844/2020|2020-06-23|EPI_ISL_745285|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/ALAB-SSI354/2020|2020-03-23|EPI_ISL_429466|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-01278/2020|2020-06-00|EPI_ISL_548885|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/South Africa/KRISP-K004045/2020|2020-10-15|EPI_ISL_635024|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/UT-UPHL-201108464/2020|2020-05-13|EPI_ISL_648585|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-AD500A/2020|2020-10-25|EPI_ISL_633833|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12255/2020|2020-11-16|EPI_ISL_682436|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9957B7/2020|2020-08-23|EPI_ISL_551658|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6145/2020|2020-09-14|EPI_ISL_621179|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DBD15D/2020|2020-10-27|EPI_ISL_665128|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E249/2020|2020-12-07|EPI_ISL_742973|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7BC57/2020|2020-04-04|EPI_ISL_442176|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA11C7/2020|2020-11-18|EPI_ISL_672872|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-8570838-CSIR-IGIB/2020|2020-08-07|EPI_ISL_636823|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/MILK-A6B740/2020|2020-10-09|EPI_ISL_608698|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11325E/2020|2020-09-13|EPI_ISL_540715|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/BIRM-638A9/2020|2020-08-20|EPI_ISL_529651|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/20122030404/2020|2020-03-15|EPI_ISL_465748|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B223D7/2020|2020-11-02|EPI_ISL_645958|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-370510/2020|2020-11-19|EPI_ISL_693994|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-14741/2020|2020-11-23|EPI_ISL_711078|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16EAF2/2020|2020-10-06|EPI_ISL_585820|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-GA97/2020|2020-06-17|EPI_ISL_511940|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/MILK-A4590A/2020|2020-10-06|EPI_ISL_598651|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-9607D3/2020|2020-08-05|EPI_ISL_532060|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AEF60/2020|2020-04-30|EPI_ISL_459242|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C0116A/2020|2020-12-05|EPI_ISL_757272|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48EAF9/2020|2020-11-03|EPI_ISL_680962|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-955FF7/2020|2020-06-08|EPI_ISL_554047|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B492BF/2020|2020-11-07|EPI_ISL_649336|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-49B5E9/2020|2020-06-11|EPI_ISL_559328|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7308/2020|2020-10-12|EPI_ISL_619287|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Guangzhou/GZMU0117/2020|2020-02-26|EPI_ISL_457698|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spike|hCoV-19/Denmark/DCGC-15258/2020|2020-11-23|EPI_ISL_713726|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA13C2/2020|2020-10-22|EPI_ISL_623928|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-151/2020|2020-03-19|EPI_ISL_436246|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Nigeria/FC-CV246/2020|2020-07-07|EPI_ISL_729931|Original|hCoV-19^^Abuja|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/20126102404/2020|2020-03-19|EPI_ISL_423910|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LOND-1251029/2020|2020-11-10|EPI_ISL_665828|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-282/2020|2020-07-21|EPI_ISL_498466|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Wales/PHWC-2762F/2020|2020-03-30|EPI_ISL_432257|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA381C/2020|2020-10-22|EPI_ISL_625182|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-CDC-2-3714159/2020|2020-12-04|EPI_ISL_751637|Original|hCoV-19^^Nevada|Human|NV State Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC7382/2020|2020-07-29|EPI_ISL_564371|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-1590/2020|2020-08-14|EPI_ISL_610144|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-B82E5C/2020|2020-11-14|EPI_ISL_675536|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6909/2020|2020-09-00|EPI_ISL_688017|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204220524/2020|2020-10-13|EPI_ISL_603205|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-A0B4F0/2020|2020-10-01|EPI_ISL_599355|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2324/2020|2020-06-11|EPI_ISL_496956|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-BC885C/2020|2020-11-22|EPI_ISL_721319|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S27/2020|2020-03-01|EPI_ISL_417080|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/NY-NYUMC18/2020|2020-03-17|EPI_ISL_418203|Original|hCoV-19^^New York|Human|NYU Langone Health|Department of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Norway/CS-17/2020|2020-06-19|EPI_ISL_666597|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f8vestad|Norway

>Spike|hCoV-19/England/ALDP-9C5208/2020|2020-09-10|EPI_ISL_567724|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B004A/2020|2020-05-07|EPI_ISL_448101|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/VIC12866/2020|2020-07-26|EPI_ISL_592094|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AR-CDC-4187/2020|2020-07-08|EPI_ISL_509672|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Luxembourg/LNS1798053/2020|2020-10-27|EPI_ISL_739993|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-9BEDE3/2020|2020-09-10|EPI_ISL_567978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B4828/2020|2020-09-02|EPI_ISL_590298|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9566F1/2020|2020-06-08|EPI_ISL_553902|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5677/2020|2020-11-08|EPI_ISL_651901|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-81711/2020|2020-04-11|EPI_ISL_443073|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-39-5/2020|2020-08-24|EPI_ISL_577786|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-2333BE/2020|2020-04-06|EPI_ISL_680286|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Australia/VIC3193/2020|2020-07-04|EPI_ISL_520879|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-5809/2020|2020-09-28|EPI_ISL_620996|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14930/2020|2020-11-23|EPI_ISL_713528|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S359/2020|2020-03-25|EPI_ISL_434119|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7525/2020|2020-11-00|EPI_ISL_740694|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Denmark/DCGC-3723/2020|2020-08-31|EPI_ISL_615502|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20186102804/2020|2020-04-29|EPI_ISL_528409|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2008181078/2020|2020-08-17|EPI_ISL_710220|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/South Africa/KRISP-K001317/2020|2020-07-17|EPI_ISL_515802|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-CA4B89/2020|2020-12-15|EPI_ISL_762502|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5CEF48/2020|2020-06-15|EPI_ISL_558422|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-BJMC-22738/2020|2020-07-18|EPI_ISL_728269|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/India/OR-ILSCV35574/2020|2020-06-11|EPI_ISL_481202|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/BRIS-12C638/2020|2020-05-04|EPI_ISL_469464|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP036/2020|2020-03-19|EPI_ISL_450194|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/UT-08567/2020|2020-05-18|EPI_ISL_524324|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-B3F726/2020|2020-11-08|EPI_ISL_658436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4986BC/2020|2020-11-24|EPI_ISL_727111|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Nigeria/FC-CV238/2020|2020-06-02|EPI_ISL_729924|Original|hCoV-19^^Abuja|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/TX-HMH-MCoV-14873/2020|2020-10-14|EPI_ISL_786357|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1409/2020|2020-05-27|EPI_ISL_549191|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/SHEF-C419C/2020|2020-04-18|EPI_ISL_462013|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3964/2020|2020-10-22|EPI_ISL_630921|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1436/2020|2020-03-18|EPI_ISL_572088|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-1929/2020|2020-04-00|EPI_ISL_685535|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B0B107/2020|2020-10-29|EPI_ISL_643408|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1371/2020|2020-06-22|EPI_ISL_507959|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-168278/2020|2020-03-31|EPI_ISL_494218|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94CAB6/2020|2020-06-16|EPI_ISL_555904|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5212/2020|2020-07-19|EPI_ISL_519977|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A92B17/2020|2020-10-19|EPI_ISL_611150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00152/2020|2020-03-26|EPI_ISL_460447|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12519/2020|2020-09-30|EPI_ISL_789883|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-311F4/2020|2020-04-10|EPI_ISL_446420|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20129056104/2020|2020-03-11|EPI_ISL_465805|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-4357/2020|2020-07-00|EPI_ISL_692585|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A5078A/2020|2020-10-07|EPI_ISL_597727|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1309/2020|2020-08-31|EPI_ISL_536681|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-11383/2020|2020-09-05|EPI_ISL_790006|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUA-9FA422/2020|2020-09-28|EPI_ISL_588150|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-A005AD/2020|2020-10-02|EPI_ISL_584889|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Scotland/CVR1554/2020|2020-04-03|EPI_ISL_433615|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/MN-QDX-1377/2020|2020-03-15|EPI_ISL_572166|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/MILK-BABC35/2020|2020-11-18|EPI_ISL_681477|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/MB-NML-644/2020|2020-03-25|EPI_ISL_632923|Original|hCoV-19^^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial laboratory|Majer|Canada
>Spike|hCoV-19/England/MILK-B8EFA8/2020|2020-11-13|EPI_ISL_675228|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC12878/2020|2020-07-31|EPI_ISL_641252|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/MILK-9C1DFC/2020|2020-09-10|EPI_ISL_566663|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18766/2020|2020-12-07|EPI_ISL_748543|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-MCoV-13448/2020|2020-08-22|EPI_ISL_788583|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUA-9F374E/2020|2020-09-24|EPI_ISL_588506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-955874/2020|2020-06-12|EPI_ISL_554404|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-AAF661/2020|2020-10-23|EPI_ISL_631199|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-97496D/2020|2020-08-21|EPI_ISL_575970|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-0076/2020|2020-02-28|EPI_ISL_479829|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMB-1B9A52/2020|2020-11-08|EPI_ISL_679146|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Australia/VIC7111/2020|2020-08-02|EPI_ISL_564237|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-9BE590/2020|2020-09-10|EPI_ISL_568204|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP00101/2020|2020-03-18|EPI_ISL_457763|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Jordan/SEARCH-5498/2020|2020-09-08|EPI_ISL_755265|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Belgium/reg-0417514/2020|2020-04-17|EPI_ISL_734606|Original|hCoV-19^^Enghien|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Singapore/986/2020|2020-03-23|EPI_ISL_548994|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-20616/2020|2020-12-21|EPI_ISL_759256|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47FD4D/2020|2020-10-09|EPI_ISL_612804|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/201101364/2020|2020-03-09|EPI_ISL_464658|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15420/2020|2020-12-02|EPI_ISL_738635|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/AZ-TG276152/2020|2020-04-09|EPI_ISL_694093|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-7046/2020|2020-08-00|EPI_ISL_688151|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC12776/2020|2020-09-10|EPI_ISL_563593|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0476/2020|2020-05-18|EPI_ISL_698645|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUA-B3FD33/2020|2020-11-08|EPI_ISL_658685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2EC2B/2020|2020-11-04|EPI_ISL_660029|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-285A12/2020|2020-05-13|EPI_ISL_493452|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-CC27BE/2020|2020-12-21|EPI_ISL_778090|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012820748/2020|2020-08-08|EPI_ISL_745571|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-355C7/2020|2020-04-24|EPI_ISL_474449|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-133838/2020|2020-08-04|EPI_ISL_524492|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20279/2020|2020-04-20|EPI_ISL_447077|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/201640255/2020|2020-04-14|EPI_ISL_466454|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-0573/2020|2020-04-09|EPI_ISL_480216|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A5E27C/2020|2020-10-12|EPI_ISL_597516|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2007/2020|2020-04-18|EPI_ISL_491581|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA1C02/2020|2020-11-18|EPI_ISL_719823|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DABAB/2020|2020-09-22|EPI_ISL_601170|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1260D6/2020|2020-04-09|EPI_ISL_459066|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC1995-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482520|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/USA/CA-CZB-15947/2020|2020-11-30|EPI_ISL_739053|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/NorthernIreland/QEUA-9B459A/2020|2020-09-04|EPI_ISL_590457|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B8DCB/2020|2020-09-07|EPI_ISL_549618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9649/2020|2020-11-09|EPI_ISL_669088|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10182/2020|2020-07-06|EPI_ISL_789358|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-2942CD/2020|2020-07-29|EPI_ISL_572701|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NORT-281524/2020|2020-03-15|EPI_ISL_488801|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A0BF0E/2020|2020-10-03|EPI_ISL_599291|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496BDD/2020|2020-11-23|EPI_ISL_726699|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2568/2020|2020-06-03|EPI_ISL_545393|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-102965/2020|2020-11-06|EPI_ISL_683341|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Australia/SAP404/2020|2020-03-21|EPI_ISL_492169|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/CAMB-7B167/2020|2020-04-11|EPI_ISL_433925|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1174515/2020|2020-11-08|EPI_ISL_739904|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-9982B3/2020|2020-08-26|EPI_ISL_539981|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03036/2020|2020-05-01|EPI_ISL_522308|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/BRIS-1853DEE/2020|2020-04-28|EPI_ISL_492289|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A046/2020|2020-11-03|EPI_ISL_650320|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-10821/2020|2020-03-18|EPI_ISL_509000|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Wales/PHWC-487A3C/2020|2020-10-26|EPI_ISL_639264|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A44F63/2020|2020-10-06|EPI_ISL_598728|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22711/2020|2020-11-14|EPI_ISL_767360|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Japan/IC-0115/2020|2020-07-00|EPI_ISL_591456|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20890/2020|2020-12-21|EPI_ISL_759431|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Israel/CVL-n-6134/2020|2020-03-15|EPI_ISL_475021|Original|hCoV-19^^Tel-Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/CWAR-24FD9A7/2020|2020-04-30|EPI_ISL_584459|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/ALDP-BB51C0/2020|2020-11-20|EPI_ISL_701711|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1995/2020|2020-03-26|EPI_ISL_521901|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC10904/2020|2020-08-05|EPI_ISL_563147|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/EXET-13E4DF/2020|2020-12-06|EPI_ISL_724323|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Japan/PG-1351/2020|2020-04-00|EPI_ISL_684959|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A4204/2020|2020-12-16|EPI_ISL_764666|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96DE0E/2020|2020-08-21|EPI_ISL_530743|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0638/2020|2020-05-15|EPI_ISL_698794|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/CVR243/2020|2020-03-19|EPI_ISL_438904|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1145/2020|2020-12-19|EPI_ISL_763222|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-49C7A6/2020|2020-11-18|EPI_ISL_742601|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1028-IPL/2020|2020-04-22|EPI_ISL_483472|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC5294/2020|2020-07-17|EPI_ISL_520057|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7350/2020|2020-06-29|EPI_ISL_546695|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SZ-ETHZ-310403/2020|2020-10-08|EPI_ISL_603477|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-49B18B/2020|2020-10-27|EPI_ISL_742304|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Chile/RM-CMM-25669/2020|2020-03-17|EPI_ISL_459862|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Center for Genome Regulation (CRG)|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\|u00e9jares|Chile

>Spike|hCoV-19/USA/TX-HMH-MCoV-18848/2020|2020-11-26|EPI_ISL_785165|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/3745/2020|2020-09-04|EPI_ISL_591000|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/TX-HMH-MCoV-8162/2020|2020-06-29|EPI_ISL_784239|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-28600/2020|2020-04-01|EPI_ISL_432425|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-SCCPHD-UC160/2020|2020-03-12|EPI_ISL_435639|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/CAMC-A58F3F/2020|2020-10-09|EPI_ISL_597140|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD3163/2020|2020-10-26|EPI_ISL_633741|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-571/2020|2020-08-31|EPI_ISL_700215|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/PA-MGSC41-05/2020|2020-03-26|EPI_ISL_436489|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/USA/CA-SR0392/2020|2020-04-29|EPI_ISL_458269|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CO-CDPHE-2100001027/2020|2020-11-18|EPI_ISL_771282|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/QEUEH-A9BFF4/2020|2020-10-18|EPI_ISL_652627|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC2388/2020|2020-06-29|EPI_ISL_522106|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-1338/2020|2020-03-18|EPI_ISL_422986|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11677/2020|2020-09-14|EPI_ISL_790084|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-10D374A/2020|2020-12-11|EPI_ISL_742059|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0673/2020|2020-05-15|EPI_ISL_698826|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-B523ED/2020|2020-11-08|EPI_ISL_656939|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0205/2020|2020-08-29|EPI_ISL_548112|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-C99659/2020|2020-12-18|EPI_ISL_761979|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-139/2020|2020-05-28|EPI_ISL_699795|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/202881398/2020|2020-07-04|EPI_ISL_491732|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1827/2020|2020-03-22|EPI_ISL_424271|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-252E1/2020|2020-03-22|EPI_ISL_432386|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-RKI-NP-0045/2020|2020-12-09|EPI_ISL_765893|Original|hCoV-19^^North Rhine-Westphalia|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/Denmark/DCGC-17250/2020|2020-12-14|EPI_ISL_750855|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-BCCC98/2020|2020-11-26|EPI_ISL_710815|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62E43/2020|2020-11-08|EPI_ISL_655398|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16502/2020|2020-11-16|EPI_ISL_714804|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C961A6/2020|2020-12-17|EPI_ISL_777461|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1808/2020|2020-04-14|EPI_ISL_590810|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/LEED-2A9CF4/2020|2020-03-29|EPI_ISL_538928|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8816/2020|2020-10-26|EPI_ISL_626103|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-CC245D/2020|2020-12-21|EPI_ISL_778007|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E3F1/2020|2020-09-28|EPI_ISL_595452|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5598/2020|2020-08-00|EPI_ISL_688723|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Israel/CVL-276-ngs/2020|2020-12-27|EPI_ISL_776832|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Scotland/QEUA-9D0219/2020|2020-09-16|EPI_ISL_601832|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C8972/2020|2020-09-21|EPI_ISL_573715|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19290/2020|2020-12-07|EPI_ISL_748331|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-942/2020|2020-05-10|EPI_ISL_509942|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-NYUMC405/2020|2020-04-13|EPI_ISL_430432|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMC-9D7133/2020|2020-09-20|EPI_ISL_584347|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORW-F54A8/2020|2020-10-27|EPI_ISL_725264|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM19042682/2020|2020-11-30|EPI_ISL_753557|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Wales/PHWC-484941/2020|2020-10-23|EPI_ISL_628061|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B36789/2020|2020-11-05|EPI_ISL_645431|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2983/2020|2020-09-09|EPI_ISL_667447|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-7570/2020|2020-06-25|EPI_ISL_546861|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0454/2020|2020-03-23|EPI_ISL_495360|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-7DAB5/2020|2020-04-06|EPI_ISL_441745|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1960/2020|2020-03-25|EPI_ISL_776285|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/SHEF-10D6D54/2020|2020-12-04|EPI_ISL_727982|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-1BCC95/2020|2020-12-02|EPI_ISL_764298|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-4203/2020|2020-07-00|EPI_ISL_692441|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-1620/2020|2020-10-14|EPI_ISL_700705|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-B3E280/2020|2020-11-01|EPI_ISL_741419|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Panama/330547/2020|2020-03-14|EPI_ISL_496666|Original|hCoV-19^^Cocle|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/20146011404/2020|2020-04-01|EPI_ISL_466028|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/MILK-A058FA/2020|2020-09-30|EPI_ISL_599960|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E2144/2020|2020-09-20|EPI_ISL_581159|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1361/2020|2020-03-28|EPI_ISL_775783|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Hong Kong/HKU-908b/2020|2020-01-29|EPI_ISL_434570|unknown|hCoV-19^^Hong Kong|Human|unknown|Microbiology|Submitter|China

>Spike|hCoV-19/USA/TX-HMH-MCoV-16044/2020|2020-10-29|EPI_ISL_785728|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-494EB8/2020|2020-11-26|EPI_ISL_726267|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-125FAA5/2020|2020-04-06|EPI_ISL_516883|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20031163/2020|2020-07-07|EPI_ISL_510094|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/ALDP-A925DD/2020|2020-10-19|EPI_ISL_611227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D0950/2020|2020-09-16|EPI_ISL_590014|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-599/2020|2020-06-28|EPI_ISL_484974|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Finland/3LS7BD7/2020|2020-10-03|EPI_ISL_756111|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUEH-96D5FA/2020|2020-08-20|EPI_ISL_530756|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10DFD8/2020|2020-03-16|EPI_ISL_425480|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-95CDE7/2020|2020-06-16|EPI_ISL_554992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4A9B7D/2020|2020-06-10|EPI_ISL_559612|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5443/2020|2020-04-12|EPI_ISL_473823|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2325/2020|2020-08-10|EPI_ISL_617662|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1307/2020|2020-04-11|EPI_ISL_586345|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUEH-B663C8/2020|2020-11-11|EPI_ISL_662504|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9CEE47/2020|2020-09-17|EPI_ISL_601961|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-7128/2020|2020-08-31|EPI_ISL_583008|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-B74655/2020|2020-11-12|EPI_ISL_662001|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4085/2020|2020-09-14|EPI_ISL_622041|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-281AF8/2020|2020-03-23|EPI_ISL_472175|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A793C3/2020|2020-10-14|EPI_ISL_638994|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006165/2020|2020-04-05|EPI_ISL_537312|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Belgium/ULG-10096/2020|2020-04-05|EPI_ISL_427389|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Portugal/PT1901/2020|2020-12-02|EPI_ISL_732115|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/England/MILK-99C783/2020|2020-08-30|EPI_ISL_550743|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2724/2020|2020-00-00|EPI_ISL_579342|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR) |Wang|New Zealand

>Spike|hCoV-19/Japan/PG-7938/2020|2020-07-00|EPI_ISL_687039|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-95F4A3/2020|2020-08-06|EPI_ISL_532495|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1388/2020|2020-10-29|EPI_ISL_645115|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMB-1B824C/2020|2020-10-22|EPI_ISL_637637|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/NSW521/2020|2020-05-03|EPI_ISL_455061|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUH-A605E7/2020|2020-10-13|EPI_ISL_665965|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMB-7FEB7/2020|2020-04-19|EPI_ISL_444429|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-81/2020|2020-08-26|EPI_ISL_577897|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC16829/2020|2020-08-12|EPI_ISL_663477|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR5532/2020|2020-11-01|EPI_ISL_651315|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-8816/2020|2020-03-21|EPI_ISL_452120|Original|hCoV-19^^Georgia|Human|Georgia Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/WA-S2578/2020|2020-06-18|EPI_ISL_497210|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MA-MASPHL-00918/2020|2020-04-28|EPI_ISL_692832|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Portugal/PT1246/2020|2020-03-31|EPI_ISL_511207|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/WI-WSLH-200742/2020|2020-09-18|EPI_ISL_631497|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/MI-QDX-821/2020|2020-03-20|EPI_ISL_571538|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-128177/2020|2020-04-16|EPI_ISL_469581|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CC1C1/2020|2020-04-30|EPI_ISL_475443|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-1682/2020|2020-05-00|EPI_ISL_685288|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-688DA9/2020|2020-07-02|EPI_ISL_551742|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00292/2020|2020-04-17|EPI_ISL_791707|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21725/2020|2020-08-03|EPI_ISL_529844|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/South Africa/KRISP-109/2020|2020-03-31|EPI_ISL_455639|Original|hCoV-19^^KwaZulu-Natal|Human|KRISP|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Scotland/EDB4329/2020|2020-04-24|EPI_ISL_453121|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-344/2020|2020-07-20|EPI_ISL_523685|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-73606/2020|2020-03-22|EPI_ISL_440260|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-08707/2020|2020-05-21|EPI_ISL_524424|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Northern Ireland/NIRE-1097F2/2020|2020-10-14|EPI_ISL_680225|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MN39-MDH39/2020|2020-03-12|EPI_ISL_417475|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/England/QEUH-A0C86C/2020|2020-10-03|EPI_ISL_599440|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32779/2020|2020-04-15|EPI_ISL_474349|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6021/2020|2020-09-21|EPI_ISL_621130|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-3885/2020|2020-06-29|EPI_ISL_636260|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-9BDDE4/2020|2020-09-09|EPI_ISL_567888|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9ED6A/2020|2020-04-04|EPI_ISL_453392|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-52/2020|2020-05-04|EPI_ISL_523436|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-CED1A0/2020|2020-12-17|EPI_ISL_782010|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15770/2020|2020-07-10|EPI_ISL_785454|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-21043/2020|2020-09-18|EPI_ISL_660826|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-180019/2020|2020-06-29|EPI_ISL_489967|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-F6207/2020|2020-11-23|EPI_ISL_706361|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3C5C/2020|2020-10-22|EPI_ISL_624498|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3575/2020|2020-06-00|EPI_ISL_691831|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15462/2020|2020-11-23|EPI_ISL_713837|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-A3395A/2020|2020-10-05|EPI_ISL_628416|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Portugal/PT0750/2020|2020-03-23|EPI_ISL_511009|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Netherlands/NA_327/2020|2020-04-03|EPI_ISL_455132|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/HI-H200220/2020|2020-08-10|EPI_ISL_752779|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/MN-MDH-1422/2020|2020-03-23|EPI_ISL_514641|Original|hCoV-19^^Minnesota|Human|St. Luke's Hospital|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NORW-F0461/2020|2020-10-07|EPI_ISL_584730|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14138/2020|2020-11-30|EPI_ISL_711589|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC15800/2020|2020-08-09|EPI_ISL_593460|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BL-ETHZ-100343/2020|2020-03-19|EPI_ISL_574894|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/IC-0025/2020|2020-04-00|EPI_ISL_591369|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-99A5F4/2020|2020-08-29|EPI_ISL_602147|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19256/2020|2020-12-07|EPI_ISL_748849|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18597/2020|2020-12-07|EPI_ISL_750070|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-3699/2020|2020-07-17|EPI_ISL_548423|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-4511/2020|2020-07-00|EPI_ISL_689650|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-14347/2020|2020-07-17|EPI_ISL_739134|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/OR-PROV-205/2020|2020-04-18|EPI_ISL_482447|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Gambia/GC19-1527/2020|2020-05-16|EPI_ISL_561022|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/MILK-B55159/2020|2020-11-06|EPI_ISL_657745|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0025/2020|2020-03-09|EPI_ISL_437915|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/NOTT-11C71A/2020|2020-11-17|EPI_ISL_652408|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/EDB6346/2020|2020-06-04|EPI_ISL_473944|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/LIVE-DB2C93/2020|2020-10-26|EPI_ISL_637990|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1850/2020|2020-05-07|EPI_ISL_458543|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6983/2020|2020-06-28|EPI_ISL_546407|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-CCDB1/2020|2020-12-24|EPI_ISL_782156|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12157/2020|2020-07-27|EPI_ISL_563530|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-47340/2020|2020-12-11|EPI_ISL_776709|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-CA7227/2020|2020-12-18|EPI_ISL_761459|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1114/2020|2020-04-00|EPI_ISL_684724|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A0C398/2020|2020-10-01|EPI_ISL_599455|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46778/2020|2020-10-05|EPI_ISL_598709|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200119/2020|2020-06-10|EPI_ISL_752682|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Brazil/RJ-00576/2020|2020-10-09|EPI_ISL_717960|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Denmark/DCGC-2471/2020|2020-08-03|EPI_ISL_618363|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-20170/2020|2020-09-14|EPI_ISL_547854|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/SHEF-10CC3AA/2020|2020-12-17|EPI_ISL_741991|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-BA0DA6/2020|2020-11-18|EPI_ISL_719802|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/CUS-INS-068/2020|2020-03-10|EPI_ISL_517958|Original|hCoV-19^^CUSCO|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru. |Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru. |Padilla Rojas|Peru

>Spike|hCoV-19/England/QEUA-C54511/2020|2020-12-12|EPI_ISL_736414|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_27/2020|2020-03-09|EPI_ISL_415531|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/BC_24234949/2020|2020-03-00|EPI_ISL_463202|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/CA-CHLA-PLM41746412/2020|2020-12-01|EPI_ISL_753563|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Austria/CeMM0358/2020|2020-03-31|EPI_ISL_438121|Vero P1|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Japan/PG-2850/2020|2020-05-00|EPI_ISL_690976|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-AA033C/2020|2020-10-20|EPI_ISL_611340|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-3081/2020|2020-10-01|EPI_ISL_667473|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-9E832A/2020|2020-09-24|EPI_ISL_638244|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Gibraltar/205121214/2020|2020-00-00|EPI_ISL_766340|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Brazil/RJ-00324/2020|2020-04-22|EPI_ISL_623127|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/WA-S861/2020|2020-04-23|EPI_ISL_463351|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-BAA86F/2020|2020-11-17|EPI_ISL_681587|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/OS070-CV11/2020|2020-03-29|EPI_ISL_455422|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/ALDP-9532D2/2020|2020-06-11|EPI_ISL_554614|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl494/2020|2020-03-12|EPI_ISL_776002|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-92E8FC/2020|2020-06-22|EPI_ISL_551559|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5529/2020|2020-07-21|EPI_ISL_518362|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B3369E/2020|2020-11-05|EPI_ISL_659191|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-IMB05401/2020|2020-05-07|EPI_ISL_732556|Original|hCoV-19^^Bavaria|Human|Bundeswehr Institute of Microbiology|Bundeswehr Institute of Microbiology|Antwerpen|Germany

>Spike|hCoV-19/England/CAMC-B7A5DA/2020|2020-11-12|EPI_ISL_741128|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/EXET-13A585/2020|2020-11-03|EPI_ISL_664295|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3381/2020|2020-05-29|EPI_ISL_635992|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-3540/2020|2020-06-00|EPI_ISL_691796|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-48BFFD/2020|2020-11-01|EPI_ISL_666379|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-C0637/2020|2020-03-26|EPI_ISL_420241|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-98F862/2020|2020-08-27|EPI_ISL_568349|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A0A9/2020|2020-09-05|EPI_ISL_535197|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7417/2020|2020-07-00|EPI_ISL_688519|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-4284/2020|2020-10-09|EPI_ISL_648936|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/HI-H200304/2020|2020-08-12|EPI_ISL_752863|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUH-C5CAB0/2020|2020-12-14|EPI_ISL_769528|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1261026/2020|2020-04-03|EPI_ISL_524682|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL438/2020|2020-06-11|EPI_ISL_578700|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-52C115/2020|2020-06-01|EPI_ISL_558995|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1034986/2020|2020-11-19|EPI_ISL_739876|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Singapore/1075/2020|2020-04-08|EPI_ISL_596465|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-20099/2020|2020-12-07|EPI_ISL_747982|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S171/2020|2020-03-24|EPI_ISL_586371|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Spain/MD-IBV-99008689/2020|2020-10-07|EPI_ISL_654243|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-1863/2020|2020-07-06|EPI_ISL_622570|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah266/2020|2020-03-30|EPI_ISL_437749|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Canada/BC_19677621/2020|2020-04-00|EPI_ISL_469222|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Scotland/QEUEH-9B0BD8/2020|2020-09-03|EPI_ISL_560036|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-5EA5EA/2020|2020-06-16|EPI_ISL_533337|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-122C8B/2020|2020-04-02|EPI_ISL_440623|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0172/2020|2020-03-25|EPI_ISL_569348|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-13063/2020|2020-08-27|EPI_ISL_788214|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-9E48A7/2020|2020-09-23|EPI_ISL_601080|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-94382E/2020|2020-07-14|EPI_ISL_532551|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD5B90/2020|2020-10-26|EPI_ISL_634543|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21718/2020|2020-12-21|EPI_ISL_758325|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4926B2/2020|2020-11-23|EPI_ISL_725684|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B4F9C/2020|2020-09-07|EPI_ISL_590342|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22049/2020|2020-08-26|EPI_ISL_583506|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-B99863/2020|2020-11-15|EPI_ISL_673442|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D648/2020|2020-04-06|EPI_ISL_442115|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir7623/2020|2020-06-05|EPI_ISL_729557|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-6052/2020|2020-10-05|EPI_ISL_620246|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C32713/2020|2020-12-11|EPI_ISL_782582|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL994/2020|2020-08-20|EPI_ISL_653685|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/EDB6269/2020|2020-04-07|EPI_ISL_487720|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A856DA/2020|2020-10-17|EPI_ISL_610475|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/HDF-rega-0417684/2020|2020-04-17|EPI_ISL_738242|Original|hCoV-19^^Hauts-de-France|Human|UZ Leuven|KU Leuven|Maes|France

>Spike|hCoV-19/USA/LA-EVTL376/2020|2020-06-03|EPI_ISL_578782|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/India/TG-CCMB-L1459/2020|2020-05-25|EPI_ISL_471596|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Portugal/PT0716/2020|2020-03-24|EPI_ISL_510975|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Belgium/reg-a-0620851/2020|2020-06-20|EPI_ISL_734774|Original|hCoV-19^^Antwerpen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/FL-BPHL-1334/2020|2020-07-14|EPI_ISL_541272|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-167E48/2020|2020-04-19|EPI_ISL_494164|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/Rega-0329227/2020|2020-03-29|EPI_ISL_458197|Original|hCoV-19^^Jurbise|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUH-9DE970/2020|2020-09-21|EPI_ISL_584815|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/VIC4132/2020|2020-07-12|EPI_ISL_519504|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB895/2020|2020-04-05|EPI_ISL_432869|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20109237/2020|2020-08-16|EPI_ISL_760031|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/USA/TX-HMH0408/2020|2020-03-31|EPI_ISL_434994|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2019/2020|2020-05-15|EPI_ISL_480661|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94F479/2020|2020-06-20|EPI_ISL_555998|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-401/2020|2020-07-23|EPI_ISL_523741|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9C4FE4/2020|2020-09-10|EPI_ISL_567710|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F679/2020|2020-12-08|EPI_ISL_743248|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-389b/2020|2020-07-06|EPI_ISL_524753|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/VA-DCLS-0024/2020|2020-03-13|EPI_ISL_420628|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Kenya/C4074/2020|2020-05-05|EPI_ISL_568720|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Scotland/QEUH-A1E5CA/2020|2020-10-01|EPI_ISL_598884|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95219A/2020|2020-06-09|EPI_ISL_553639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3563/2020|2020-08-06|EPI_ISL_635114|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Brazil/RS-00650/2020|2020-11-25|EPI_ISL_770596|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Wuhan/0126-C45/2020|2020-01-26|EPI_ISL_493176|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/Singapore/1017/2020|2020-03-22|EPI_ISL_574502|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Netherlands/ZH-EMC-270/2020|2020-00-00|EPI_ISL_523612|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NOTT-11C9AB/2020|2020-11-18|EPI_ISL_665345|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_19189/2020|2020-06-28|EPI_ISL_774968|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/NORT-298C07/2020|2020-04-21|EPI_ISL_493473|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NORT-289094/2020|2020-03-26|EPI_ISL_458621|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8BE379/2020|2020-06-27|EPI_ISL_556629|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18983/2020|2020-12-07|EPI_ISL_748682|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NB-RIVM-20725/2020|2020-12-19|EPI_ISL_790791|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-497E88/2020|2020-11-30|EPI_ISL_726988|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-1251A67/2020|2020-11-23|EPI_ISL_705942|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6421/2020|2020-07-04|EPI_ISL_545987|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-0452/2020|2020-05-05|EPI_ISL_477665|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-CZB-10921/2020|2020-08-28|EPI_ISL_583150|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/LA-EVTL631/2020|2020-08-06|EPI_ISL_579035|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/20140007702/2020|2020-03-28|EPI_ISL_421926|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9696CE/2020|2020-08-14|EPI_ISL_531057|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1312/2020|2020-11-02|EPI_ISL_700500|Original|hCoV-19^^Western Cape|Human|Plettenberg Bay Clinic w PLC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/TX-HMH-4638/2020|2020-06-22|EPI_ISL_543775|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hungary/SRC-03597w/2020|2020-03-28|EPI_ISL_435429|Original|hCoV-19^^Szeged|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/Scotland/QEUH-9DEE17/2020|2020-09-21|EPI_ISL_601233|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-8613/2020|2020-05-06|EPI_ISL_776736|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC13776/2020|2020-08-18|EPI_ISL_562653|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-951580/2020|2020-06-13|EPI_ISL_554120|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9628B0/2020|2020-08-10|EPI_ISL_531552|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5B21/2020|2020-04-17|EPI_ISL_457301|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-1AECF0/2020|2020-00-00|EPI_ISL_448073|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/LOND-12640F6/2020|2020-11-15|EPI_ISL_679524|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LIVE-DB6303/2020|2020-11-07|EPI_ISL_650420|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/ON_MU-S13/2020|2020-03-14|EPI_ISL_463971|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/NY-Wadsworth-292783-01/2020|2020-12-28|EPI_ISL_769950|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Germany/HH-hpi-pl306/2020|2020-03-20|EPI_ISL_775892|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Ireland/KE-NVRL-73IRL25898/2020|2020-09-16|EPI_ISL_578292|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/OH-CDC-2-3714454/2020|2020-11-16|EPI_ISL_751616|Original|hCoV-19^^Ohio|Human|OH Department of Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/UT-04131/2020|2020-05-13|EPI_ISL_493030|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUH-A8C4AC/2020|2020-10-18|EPI_ISL_643184|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B69B90/2020|2020-11-11|EPI_ISL_655188|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1074A2/2020|2020-03-30|EPI_ISL_585156|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E541B/2020|2020-09-24|EPI_ISL_601028|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB-184PT/2020|2020-08-28|EPI_ISL_722862|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Belgium/ULG-11084/2020|2020-12-15|EPI_ISL_737334|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-905DCF/2020|2020-06-24|EPI_ISL_551573|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12946E/2020|2020-04-19|EPI_ISL_458767|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12325B/2020|2020-04-04|EPI_ISL_442758|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-9DE0F3/2020|2020-09-21|EPI_ISL_599591|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC704/2020|2020-03-26|EPI_ISL_451419|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/NY-Wadsworth-41088-01/2020|2020-04-07|EPI_ISL_676815|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUH-96C616/2020|2020-08-13|EPI_ISL_530847|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A926BC/2020|2020-10-19|EPI_ISL_611164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR350/2020|2020-03-21|EPI_ISL_439059|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-S576/2020|2020-03-29|EPI_ISL_434336|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-6059/2020|2020-10-05|EPI_ISL_620253|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8C827/2020|2020-11-13|EPI_ISL_675945|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA461/2020|2020-09-24|EPI_ISL_580146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2040/2020|2020-10-01|EPI_ISL_677446|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-A2F317/2020|2020-10-05|EPI_ISL_586951|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB90A2/2020|2020-10-21|EPI_ISL_623755|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10937/2020|2020-11-24|EPI_ISL_678476|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Japan/PG-3959/2020|2020-07-00|EPI_ISL_692207|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Romania/ChVir7248/2020|2020-04-28|EPI_ISL_467781|Original|hCoV-19^^Constanta|Human|National Influenza Centre Romania|Charite Universitatsmedizin Berlin|Muehlemann|Romania

>Spike|hCoV-19/USA/CA-IGI-0078/2020|2020-06-18|EPI_ISL_511832|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/CA-CZB-15065/2020|2020-11-18|EPI_ISL_739305|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MI-UM-10036119854/2020|2020-09-24|EPI_ISL_590701|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Spain/GA-IBV-002755/2020|2020-04-13|EPI_ISL_467284|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/ALDP-BB50A5/2020|2020-11-20|EPI_ISL_710704|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BFCF69/2020|2020-12-03|EPI_ISL_720860|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D0EA3/2020|2020-03-31|EPI_ISL_475299|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/LIVE-DB9DC6/2020|2020-11-06|EPI_ISL_664654|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48071E/2020|2020-10-10|EPI_ISL_612167|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E63D/2020|2020-10-06|EPI_ISL_586802|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CAD977/2020|2020-12-20|EPI_ISL_761176|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3CC75/2020|2020-11-01|EPI_ISL_679825|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2728/2020|2020-08-17|EPI_ISL_616473|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S236/2020|2020-03-01|EPI_ISL_430274|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/SHEF-CC4AA/2020|2020-04-23|EPI_ISL_453746|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9EAE36/2020|2020-09-24|EPI_ISL_579977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE563/2020|2020-09-10|EPI_ISL_567959|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAF115/2020|2020-10-20|EPI_ISL_630749|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47FF1A/2020|2020-10-08|EPI_ISL_612830|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B0C68F/2020|2020-10-29|EPI_ISL_643337|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_05075921/2020|2020-04-00|EPI_ISL_466780|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-1259/2020|2020-06-01|EPI_ISL_618014|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9F84D9/2020|2020-09-27|EPI_ISL_588960|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2517/2020|2020-04-00|EPI_ISL_690653|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/Khabarovsk-88201/2020|2020-03-31|EPI_ISL_428910|Vero|hCoV-19^^Khabarovsk|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/England/ALDP-9D9D88/2020|2020-09-18|EPI_ISL_576814|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/AS-IBV-98006591/2020|2020-03-11|EPI_ISL_654682|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-952B7E/2020|2020-06-11|EPI_ISL_555431|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B763/2020|2020-05-19|EPI_ISL_487586|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0504/2020|2020-05-18|EPI_ISL_698671|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/WI-UW-2349/2020|2020-11-13|EPI_ISL_728115|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Austria/CeMM0963/2020|2020-03-29|EPI_ISL_583812|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-8090/2020|2020-10-26|EPI_ISL_617177|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Bosnia and Herzegovina/ChVir7370/2020|2020-03-28|EPI_ISL_462471|Original|hCoV-19^^Ilijas|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina

>Spike|hCoV-19/Spain/PV-HUD-98203801/2020|2020-03-27|EPI_ISL_475721|Original|hCoV-19^^Basque Country|Human|Microbiology|Microbiology|Submitter|Spain

>Spike|hCoV-19/USA/FL-BPHL-1973/2020|2020-04-16|EPI_ISL_653126|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-14051/2020|2020-11-30|EPI_ISL_711095|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/mink/Netherlands/NB-EMC-55-19/2020|2020-09-23|EPI_ISL_632430|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A64AE4/2020|2020-10-11|EPI_ISL_608370|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8089/2020|2020-10-02|EPI_ISL_585475|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F4516/2020|2020-09-27|EPI_ISL_600657|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-900C4F/2020|2020-06-24|EPI_ISL_551555|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9C91E9/2020|2020-09-11|EPI_ISL_567226|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB20F3/2020|2020-11-18|EPI_ISL_720042|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-497CBB/2020|2020-06-04|EPI_ISL_559392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3A679/2020|2020-11-02|EPI_ISL_706025|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201213149/2020|2020-12-01|EPI_ISL_684023|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR4416/2020|2020-09-18|EPI_ISL_585290|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/ARA-SC056/2020|2020-04-09|EPI_ISL_666670|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-A6EDF0/2020|2020-10-15|EPI_ISL_607213|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2803003/2020|2020-10-23|EPI_ISL_740198|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/OXON-ACFDC/2020|2020-00-00|EPI_ISL_448550|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-AA54DA/2020|2020-10-21|EPI_ISL_625185|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0971/2020|2020-07-20|EPI_ISL_569019|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMC-CB8DC8/2020|2020-12-19|EPI_ISL_778231|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B9708B/2020|2020-11-13|EPI_ISL_675089|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3ABE2/2020|2020-12-09|EPI_ISL_731858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2025/2020|2020-07-31|EPI_ISL_667094|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/PG-7796/2020|2020-07-00|EPI_ISL_686898|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-16334/2020|2020-11-02|EPI_ISL_786018|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1322/2020|2020-08-27|EPI_ISL_536693|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/FL-BPHL-0624/2020|2020-04-04|EPI_ISL_508828|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Oman/205041592/2020|2020-06-05|EPI_ISL_492017|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of Microbiology and Immunology-SQUH|ALZadjali|Oman

>Spike|hCoV-19/England/ALDP-9CB633/2020|2020-09-16|EPI_ISL_575463|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0411/2020|2020-12-00|EPI_ISL_736919|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BE-ETHZ-100023/2020|2020-03-10|EPI_ISL_466947|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR4898/2020|2020-10-05|EPI_ISL_594665|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2064/2020|2020-04-22|EPI_ISL_635329|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Zhejiang/SX0715/2020|2020-07-15|EPI_ISL_497950|Original|hCoV-19^^Zhejiang|Human|Shaoxing CDC|Zhejiang Provincial Center for Disease Control and Prevention|Chen|China

>Spike|hCoV-19/Germany/SH-ChVir20758/2020|2020-11-23|EPI_ISL_729684|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit University of Medicine Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-16293/2020|2020-11-16|EPI_ISL_714365|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH364/2020|2020-04-23|EPI_ISL_513141|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Northern Ireland/QEUA-94385B/2020|2020-07-12|EPI_ISL_532562|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B0E016/2020|2020-11-02|EPI_ISL_641919|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg-407/2020|2020-12-04|EPI_ISL_745188|Original|hCoV-19^^Northern Cape|Human|Nababeep Hospital|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-9317F9/2020|2020-06-21|EPI_ISL_552904|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA90C/2020|2020-11-23|EPI_ISL_703783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-420711/2020|2020-12-24|EPI_ISL_767947|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CO-CDPHE-2009131699/2020|2020-09-12|EPI_ISL_710227|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Belgium/reg-0408897/2020|2020-04-08|EPI_ISL_734549|Original|hCoV-19^^Wavre|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-13223/2020|2020-08-25|EPI_ISL_788374|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR3488/2020|2020-05-12|EPI_ISL_473647|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/IC-0293/2020|2020-11-00|EPI_ISL_667722|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BE-ETHZ-360087/2020|2020-11-08|EPI_ISL_693897|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-96349D/2020|2020-08-11|EPI_ISL_531681|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6501/2020|2020-07-21|EPI_ISL_521275|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4878C9/2020|2020-10-30|EPI_ISL_639249|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB40C/2020|2020-03-17|EPI_ISL_441420|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUA-AD302A/2020|2020-10-25|EPI_ISL_634126|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_85/2020|2020-03-12|EPI_ISL_422845|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-A7CD2C/2020|2020-10-13|EPI_ISL_606644|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C31969/2020|2020-12-11|EPI_ISL_782702|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1546/2020|2020-08-07|EPI_ISL_581537|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-579/2020|2020-09-18|EPI_ISL_578007|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-160559/2020|2020-05-26|EPI_ISL_472949|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2389/2020|2020-03-16|EPI_ISL_604715|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-491ED9/2020|2020-11-16|EPI_ISL_706793|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1302/2020|2020-12-11|EPI_ISL_778968|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUA-96A2E7/2020|2020-08-15|EPI_ISL_536872|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-9641/2020|2020-03-22|EPI_ISL_418652|Original|hCoV-19^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-30C21/2020|2020-04-10|EPI_ISL_446339|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-220F74/2020|2020-12-17|EPI_ISL_764445|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-FLW00407861/2020|2020-12-02|EPI_ISL_767010|Original|hCoV-19^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420301/2020|2020-12-20|EPI_ISL_768293|Original|hCoV-19^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Jordan/AM-ALSR-4037/2020|2020-10-03|EPI_ISL_636397|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/BRIS-125D1C/2020|2020-03-30|EPI_ISL_443691|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA608/2020|2020-11-20|EPI_ISL_702462|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BOCCE7/2020|2020-10-30|EPI_ISL_643614|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1664B0/2020|2020-06-14|EPI_ISL_494004|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12E0FC/2020|2020-04-19|EPI_ISL_482008|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AF962/2020|2020-00-00|EPI_ISL_478788|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-A62512/2020|2020-10-10|EPI_ISL_706967|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04849/2020|2020-05-24|EPI_ISL_575173|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Northern Ireland/QEUA-95EDC7/2020|2020-08-08|EPI_ISL_532392|Original|hCoV-19^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BCD954/2020|2020-11-26|EPI_ISL_704281|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5205/2020|2020-07-18|EPI_ISL_519970|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200668/2020|2020-12-01|EPI_ISL_753191|Original|hCoV-19^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/205260873/2020|2020-12-22|EPI_ISL_754330|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162DF5/2020|2020-05-30|EPI_ISL_473204|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0201/2020|2020-06-11|EPI_ISL_482716|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-16271/2020|2020-11-16|EPI_ISL_714675|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9C8E6B/2020|2020-09-14|EPI_ISL_576023|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C1691F/2020|2020-12-06|EPI_ISL_710664|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-59DDFD/2020|2020-06-14|EPI_ISL_558683|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0252/2020|2020-08-18|EPI_ISL_760017|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-B73D42/2020|2020-11-12|EPI_ISL_664886|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACD2C/2020|2020-04-22|EPI_ISL_489539|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1250752/2020|2020-10-26|EPI_ISL_665230|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005072/2020|2020-04-22|EPI_ISL_510359|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/20284212304/2020|2020-06-16|EPI_ISL_493003|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-B6B0DB/2020|2020-11-11|EPI_ISL_662594|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75367/2020|2020-03-16|EPI_ISL_440382|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1FDD/2020|2020-10-22|EPI_ISL_624429|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG271864/2020|2020-03-23|EPI_ISL_426540|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/Denmark/DCGC-19691/2020|2020-12-07|EPI_ISL_749113|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-NM085/2020|2020-03-19|EPI_ISL_444576|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Spain/AR-IBV-98008106/2020|2020-10-07|EPI_ISL_654402|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/VC-FISABIO-159/2020|2020-03-19|EPI_ISL_436254|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Wales/PHWC-48439E/2020|2020-10-21|EPI_ISL_627996|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17457/2020|2020-12-14|EPI_ISL_750996|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-480918/2020|2020-10-10|EPI_ISL_612950|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02401/2020|2020-09-00|EPI_ISL_671535|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-94E489/2020|2020-06-17|EPI_ISL_554902|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB018/2020|2020-11-21|EPI_ISL_702021|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A660FF/2020|2020-10-11|EPI_ISL_637488|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0C2D7/2020|2020-10-03|EPI_ISL_599347|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C518/2020|2020-10-15|EPI_ISL_608236|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96F376/2020|2020-08-17|EPI_ISL_530575|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C628F/2020|2020-09-10|EPI_ISL_567665|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C587/2020|2020-03-31|EPI_ISL_445876|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Panama/332702/2020|2020-03-15|EPI_ISL_496718|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/NV-NSPHL-A0186/2020|2020-05-20|EPI_ISL_515442|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Spain/VC-IBV-98003116/2020|2020-03-16|EPI_ISL_538052|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NE-11480/2020|2020-05-05|EPI_ISL_475217|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/204291029/2020|2020-10-16|EPI_ISL_622868|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0058/2020|2020-04-21|EPI_ISL_468089|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Ireland/D-SVUH-R7287/2020|2020-04-10|EPI_ISL_596672|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUEH-A9F36D/2020|2020-10-20|EPI_ISL_611359|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A3E0/2020|2020-12-01|EPI_ISL_727540|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200382/2020|2020-09-24|EPI_ISL_752929|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-12791/2020|2020-11-02|EPI_ISL_682972|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9F8D29/2020|2020-09-27|EPI_ISL_588953|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74998/2020|2020-11-12|EPI_ISL_661978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C81BD/2020|2020-09-03|EPI_ISL_567080|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Romania/USAFSAM-S557/2020|2020-11-28|EPI_ISL_738337|Original|hCoV-19^^Romania|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania

>Spike|hCoV-19/Wales/PHWC-493147/2020|2020-11-29|EPI_ISL_725843|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1705026/2020|2020-10-28|EPI_ISL_739981|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-12339/2020|2020-11-16|EPI_ISL_682520|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/149/2020|2020-03-13|EPI_ISL_417799|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-9FCAC4/2020|2020-10-01|EPI_ISL_587782|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2028/2020|2020-11-23|EPI_ISL_732244|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/NY-Wadsworth-279952-01/2020|2020-00-00|EPI_ISL_754486|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/VA-DCLS-1212/2020|2020-06-22|EPI_ISL_572281|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-227/2020|2020-05-15|EPI_ISL_523569|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-3855/2020|2020-06-17|EPI_ISL_543256|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-2095/2020|2020-05-18|EPI_ISL_653248|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Northern Ireland/NIRE-10360A/2020|2020-04-17|EPI_ISL_489232|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B776C/2020|2020-10-22|EPI_ISL_637566|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28C77/2020|2020-04-02|EPI_ISL_445424|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ACCE39/2020|2020-10-21|EPI_ISL_630122|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0093/2020|2020-03-21|EPI_ISL_513502|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/LIVE-9B1AD/2020|2020-03-25|EPI_ISL_449417|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/QLD1156/2020|2020-04-01|EPI_ISL_639759|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/WI-UW-77/2020|2020-03-19|EPI_ISL_421335|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUEH-997A8F/2020|2020-08-28|EPI_ISL_549542|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-SURV0407/2020|2020-03-17|EPI_ISL_436065|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMC-B08489/2020|2020-10-30|EPI_ISL_643563|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129089504/2020|2020-03-11|EPI_ISL_424078|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA6-UW3/2020|2020-02-29|EPI_ISL_413457|Original|hCoV-19^^Washington|Human|Washington State Public Health Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/VA-DCLS-0880/2020|2020-04-30|EPI_ISL_516670|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-ALSR-1588/2020|2020-04-22|EPI_ISL_494676|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20175/2020|2020-11-30|EPI_ISL_723336|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/WI-UW-1149/2020|2020-08-12|EPI_ISL_522905|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-13922/2020|2020-11-30|EPI_ISL_711454|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-UHTC_0335/2020|2020-09-09|EPI_ISL_609802|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC22568/2020|2020-11-10|EPI_ISL_737136|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC4417/2020|2020-07-16|EPI_ISL_519713|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/BRE-IPP11310/2020|2020-09-16|EPI_ISL_754856|Original|hCoV-19^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/MA-MASPHL-00991/2020|2020-11-04|EPI_ISL_692801|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Denmark/DCGC-4869/2020|2020-09-21|EPI_ISL_621555|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-297AD1/2020|2020-04-22|EPI_ISL_488151|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-513/2020|2020-06-07|EPI_ISL_484888|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/SSI-01/2020|2020-02-26|EPI_ISL_416142|Original|hCoV-19^^Copenhagen|Human|Department of Virus and Microbiological Special diagnostics|Statens Serum Institute|Rasmussen|Denmark

>Spike|hCoV-19/Russia/StPetersburg-RII18089S/2020|2020-05-27|EPI_ISL_507285|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-B225B3/2020|2020-11-01|EPI_ISL_646076|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-460/2020|2020-06-17|EPI_ISL_484835|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/BIRM-6781E/2020|2020-11-01|EPI_ISL_651623|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABCD5/2020|2020-04-22|EPI_ISL_470285|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10394/2020|2020-08-10|EPI_ISL_540561|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Belgium/rega-10061193/2020|2020-10-06|EPI_ISL_735067|Original|hCoV-19^^Bost|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/VIC3433/2020|2020-07-06|EPI_ISL_521102|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/ZH-EMC-925/2020|2020-10-24|EPI_ISL_722337|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Ireland/D-NVRL-20ILR10845/2020|2020-11-19|EPI_ISL_732423|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Switzerland/GE-ETHZ-350100/2020|2020-11-02|EPI_ISL_693800|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS3388064/2020|2020-11-24|EPI_ISL_740301|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/ALAB-SSI-884/2020|2020-03-30|EPI_ISL_437681|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Australia/NSW78/2020|2020-03-23|EPI_ISL_427770|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC14271/2020|2020-09-05|EPI_ISL_591803|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA2446/2020|2020-10-22|EPI_ISL_624545|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14160/2020|2020-08-03|EPI_ISL_592359|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CT-Yale-501/2020|2020-10-12|EPI_ISL_729740|Original|hCoV-19^^Connecticut|Human|Grubaugh Lab - Yale School of Public Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Japan/PG-7551/2020|2020-08-00|EPI_ISL_686653|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-7EAA5/2020|2020-04-06|EPI_ISL_442607|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-CB30B5/2020|2020-12-07|EPI_ISL_760891|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC08/2020|2020-03-15|EPI_ISL_416514|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Spain/MD-H12-68/2020|2020-04-11|EPI_ISL_529999|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/201140411/2020|2020-03-10|EPI_ISL_464733|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M66/2020|2020-06-05|EPI_ISL_495221|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-B627FD/2020|2020-11-08|EPI_ISL_656631|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2873/2020|2020-07-10|EPI_ISL_500792|Original|hCoV-19^^Norway|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/MILK-99A169/2020|2020-08-28|EPI_ISL_550326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A48FAB/2020|2020-10-08|EPI_ISL_595941|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004233/2020|2020-04-05|EPI_ISL_500297|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-A4F3E/2020|2020-03-06|EPI_ISL_499818|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-56381D/2020|2020-06-10|EPI_ISL_558304|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A4B9AA/2020|2020-10-08|EPI_ISL_628498|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/DL-NCDC-3271/2020|2020-04-05|EPI_ISL_436433|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Denmark/DCGC-8261/2020|2020-10-26|EPI_ISL_617095|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NH-RIVM-21075/2020|2020-12-11|EPI_ISL_791082|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/UN-UW-2874/2020|2020-04-15|EPI_ISL_485967|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Singapore/952/2020|2020-04-07|EPI_ISL_538486|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Russia/CE-RII-MH2523V/2020|2020-09-26|EPI_ISL_733394|Vero|hCoV-19^^Chechen|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-5537/2020|2020-08-00|EPI_ISL_688662|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH0314/2020|2020-03-28|EPI_ISL_434930|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-0885/2020|2020-04-05|EPI_ISL_435386|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-UW-775/2020|2020-07-03|EPI_ISL_495479|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-952015/2020|2020-06-09|EPI_ISL_551327|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8562/2020|2020-08-00|EPI_ISL_686158|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-15DEEB/2020|2020-05-14|EPI_ISL_472782|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-A36A36/2020|2020-10-05|EPI_ISL_638689|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10065/2020|2020-06-20|EPI_ISL_672202|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13369/2020|2020-08-23|EPI_ISL_788513|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW96/2020|2020-03-10|EPI_ISL_416452|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-7377/2020|2020-07-00|EPI_ISL_688479|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C57FA7/2020|2020-12-14|EPI_ISL_735998|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11D88F/2020|2020-11-24|EPI_ISL_665943|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/ALDP-90C77F/2020|2020-06-26|EPI_ISL_553330|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15033/2020|2020-11-18|EPI_ISL_738618|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Colombia/ANT-INS-79253/2020|2020-03-10|EPI_ISL_456117|Original|hCoV-19^^Antioquia|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/England/CAMC-94C306/2020|2020-07-18|EPI_ISL_556698|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20705/2020|2020-04-26|EPI_ISL_471729|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-CB637D/2020|2020-12-18|EPI_ISL_761737|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2763/2020|2020-07-22|EPI_ISL_522542|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-5966/2020|2020-06-30|EPI_ISL_547130|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-GBCL-26556538/2020|2020-04-15|EPI_ISL_485176|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Belgium/reg-0414493/2020|2020-04-14|EPI_ISL_734576|Original|hCoV-19^^Honnelles|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-17614/2020|2020-12-14|EPI_ISL_751104|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2091/2020|2020-07-27|EPI_ISL_618350|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-WL171/2020|2020-03-19|EPI_ISL_426484|Original|hCoV-19^^Arizona|Human|n/a|Worobey Lab on behalf of the Arizona COVID-19 Genomics Union|Larsen|USA

>Spike|hCoV-19/USA/NY-QDX-2439/2020|2020-03-15|EPI_ISL_604797|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-9C470A/2020|2020-09-07|EPI_ISL_566941|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9517F3/2020|2020-06-10|EPI_ISL_555495|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E43A/2020|2020-09-30|EPI_ISL_595455|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20893/2020|2020-05-22|EPI_ISL_476030|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/QEUH-A4C7DC/2020|2020-10-08|EPI_ISL_596000|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/GSTT-265E27A/2020|2020-03-31|EPI_ISL_484177|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-A67BDF/2020|2020-10-10|EPI_ISL_608444|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A85B08/2020|2020-10-17|EPI_ISL_610597|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR797/2020|2020-03-27|EPI_ISL_439113|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-9D1CB0/2020|2020-09-18|EPI_ISL_601589|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48552E/2020|2020-10-22|EPI_ISL_628188|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC642/2020|2020-03-29|EPI_ISL_426938|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR38/2020|2020-03-13|EPI_ISL_425767|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB5411/2020|2020-04-06|EPI_ISL_487791|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_4/2020|2020-03-06|EPI_ISL_414450|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/PA-MGEL154/2020|2020-04-05|EPI_ISL_454410|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/Switzerland/BS-42232888/2020|2020-04-15|EPI_ISL_581706|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-2905/2020|2020-08-17|EPI_ISL_616539|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR6030/2020|2020-11-28|EPI_ISL_705712|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Finland/S11AA3/2020|2020-10-11|EPI_ISL_737070|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/India/TG-CCMB-OM3/2020|2020-05-13|EPI_ISL_495289|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Japan/IC-0438/2020|2020-10-00|EPI_ISL_768647|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B24126/2020|2020-11-04|EPI_ISL_646867|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CE86/2020|2020-10-15|EPI_ISL_608012|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D66C5/2020|2020-04-23|EPI_ISL_482164|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M739/2020|2020-06-11|EPI_ISL_495234|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/UT-UPHL-201006328/2020|2020-05-08|EPI_ISL_594002|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-5300/2020|2020-09-14|EPI_ISL_615231|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1F62F/2020|2020-11-01|EPI_ISL_646130|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/3725/2020|2020-07-30|EPI_ISL_561004|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/FL-BPHL-0661/2020|2020-03-14|EPI_ISL_509719|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-9B8569/2020|2020-09-07|EPI_ISL_549759|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBD120/2020|2020-10-27|EPI_ISL_664443|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-4858/2020|2020-08-00|EPI_ISL_689979|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-8257/2020|2020-07-07|EPI_ISL_784296|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/LAZ-INMI-101/2020|2020-11-17|EPI_ISL_721624|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/Canada/ON-S1840/2020|2020-11-24|EPI_ISL_729303|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/QEUA-A9C39D/2020|2020-10-20|EPI_ISL_652635|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/NSW2181/2020|2020-03-19|EPI_ISL_500648|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310444/2020|2020-10-08|EPI_ISL_603517|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-MSK-17B/2020|2020-05-02|EPI_ISL_583478|Original|hCoV-19^^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_169/2020|2020-04-26|EPI_ISL_461341|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B1A545/2020|2020-10-31|EPI_ISL_647546|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15816/2020|2020-07-10|EPI_ISL_785500|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C6B975/2020|2020-12-14|EPI_ISL_778524|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5276/2020|2020-10-22|EPI_ISL_650313|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0432/2020|2020-05-01|EPI_ISL_477648|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/LEED-2A8B8F/2020|2020-03-23|EPI_ISL_539058|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/LA-NCDC-01441/2020|2020-03-15|EPI_ISL_435101|Original|hCoV-19^^Ladakh|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Sweden/20-50457/2020|2020-03-23|EPI_ISL_475141|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Russia/TUL-RII-MH3372S/2020|2020-10-07|EPI_ISL_733113|Original|hCoV-19^^Tula|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/MILK-6A5BBB/2020|2020-07-02|EPI_ISL_551745|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0946/2020|2020-03-27|EPI_ISL_583798|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/CAMC-A3F48A/2020|2020-10-06|EPI_ISL_609739|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4838/2020|2020-07-17|EPI_ISL_519222|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC7976/2020|2020-08-12|EPI_ISL_564783|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-02137/2020|2020-04-14|EPI_ISL_470709|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1B5DE4/2020|2020-09-05|EPI_ISL_549393|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14863/2020|2020-11-23|EPI_ISL_712035|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-68CF45/2020|2020-07-02|EPI_ISL_558183|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204700725/2020|2020-11-16|EPI_ISL_678713|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-A783E2/2020|2020-10-12|EPI_ISL_638753|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22011/2020|2020-12-14|EPI_ISL_758106|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-52DB8F/2020|2020-05-18|EPI_ISL_532277|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C22E8A/2020|2020-12-06|EPI_ISL_733844|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-118CA6/2020|2020-10-29|EPI_ISL_704581|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-74/2020|2020-08-27|EPI_ISL_577890|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MGH-00615/2020|2020-03-28|EPI_ISL_460340|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Japan/PG-4041/2020|2020-07-00|EPI_ISL_692282|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-BA2120/2020|2020-11-18|EPI_ISL_719810|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAC162/2020|2020-11-18|EPI_ISL_783145|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A660C2/2020|2020-10-11|EPI_ISL_637630|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-BD14B6/2020|2020-11-29|EPI_ISL_702299|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-855/2020|2020-03-16|EPI_ISL_571662|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-3655/2020|2020-06-15|EPI_ISL_543100|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9AE153/2020|2020-09-01|EPI_ISL_637335|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2955/2020|2020-08-24|EPI_ISL_616716|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-15063/2020|2020-11-18|EPI_ISL_738936|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-47F660/2020|2020-10-04|EPI_ISL_612707|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/C200044550/2020|2020-11-06|EPI_ISL_664034|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCD189/2020|2020-11-25|EPI_ISL_704661|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99011563/2020|2020-12-01|EPI_ISL_779899|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-9BC9A5/2020|2020-09-09|EPI_ISL_573038|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AD3FF0/2020|2020-10-26|EPI_ISL_649697|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C1CB/2020|2020-11-08|EPI_ISL_655755|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9003/2020|2020-10-26|EPI_ISL_625871|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15356/2020|2020-11-23|EPI_ISL_713782|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9705D6/2020|2020-08-18|EPI_ISL_553242|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-943439/2020|2020-08-01|EPI_ISL_532621|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200312/2020|2020-08-16|EPI_ISL_752871|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMC-A65E32/2020|2020-10-11|EPI_ISL_637483|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0553-IPL/2020|2020-05-04|EPI_ISL_483219|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-98FBE1/2020|2020-08-26|EPI_ISL_540103|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A91E/2020|2020-11-03|EPI_ISL_652614|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12637/2020|2020-06-28|EPI_ISL_570882|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-10160/2020|2020-00-00|EPI_ISL_547547|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/AZ-TG547304/2020|2020-07-02|EPI_ISL_695475|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/NORT-1B62A6A/2020|2020-11-28|EPI_ISL_703096|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC2849/2020|2020-07-03|EPI_ISL_521680|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/205260864/2020|2020-12-16|EPI_ISL_754386|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-286255/2020|2020-09-16|EPI_ISL_572581|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-6777/2020|2020-08-00|EPI_ISL_687887|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0208/2020|2020-03-30|EPI_ISL_453922|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/FL-BPHL-0929/2020|2020-07-10|EPI_ISL_517819|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-CC3B57/2020|2020-12-21|EPI_ISL_760519|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA86/2020|2020-06-18|EPI_ISL_508281|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr33/2020|2020-04-06|EPI_ISL_541855|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Japan/PG-8635/2020|2020-09-00|EPI_ISL_686231|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CDPH211/2020|2020-11-15|EPI_ISL_755067|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/UN-UW-2820/2020|2020-04-15|EPI_ISL_485953|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/ME-HETL-J0471/2020|2020-12-11|EPI_ISL_755562|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/ALDP-A96393/2020|2020-10-20|EPI_ISL_624870|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5826/2020|2020-11-14|EPI_ISL_666036|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Pingxiang/JX5/2020|2020-01-11|EPI_ISL_421252|Original|hCoV-19^^Jiangxi|Human|Jiangxi Province Center for Disease Control and Prevention|Jiangxi Province Center for Disease Control and Prevention|Xiong|China

>Spike|hCoV-19/USA/WI-GMF-20912/2020|2020-09-18|EPI_ISL_660821|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Japan/PG-5842/2020|2020-08-00|EPI_ISL_688959|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Norway/5750/2020|2020-10-29|EPI_ISL_708159|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/CA-CZB-6717/2020|2020-08-18|EPI_ISL_582978|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-50FE7B/2020|2020-06-10|EPI_ISL_558987|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-8290B/2020|2020-04-22|EPI_ISL_438638|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-4A4D6D/2020|2020-06-09|EPI_ISL_559634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4378/2020|2020-07-14|EPI_ISL_519674|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-5D65A5/2020|2020-06-19|EPI_ISL_558568|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11709/2020|2020-10-26|EPI_ISL_671086|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-FA977/2020|2020-03-26|EPI_ISL_441776|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/DC-CDC-8465/2020|2020-03-20|EPI_ISL_594460|original|hCoV-19^^District of Columbia|Human|DC Department of Forensic Sciences|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/LIVE-A9634/2020|2020-07-25|EPI_ISL_526382|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Suriname/SR-39/2020|2020-06-26|EPI_ISL_517650|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00fcnger|Suriname

>Spike|hCoV-19/England/QEUH-5319CA/2020|2020-05-18|EPI_ISL_532262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB8064/2020|2020-10-30|EPI_ISL_651307|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Finland/22SS11E3/2020|2020-09-22|EPI_ISL_757390|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-BEEDCA/2020|2020-11-30|EPI_ISL_708948|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15945/2020|2020-08-01|EPI_ISL_640840|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-A781BB/2020|2020-10-14|EPI_ISL_638746|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B2E8AF/2020|2020-11-03|EPI_ISL_660030|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-ETHZ-250118/2020|2020-08-20|EPI_ISL_535626|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-13782/2020|2020-11-30|EPI_ISL_713021|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B45B12/2020|2020-11-07|EPI_ISL_656246|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-AEAF05/2020|2020-10-26|EPI_ISL_647901|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB-98APT/2020|2020-04-10|EPI_ISL_649189|Vero|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Japan/PG-6037/2020|2020-07-00|EPI_ISL_689149|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-BC112B/2020|2020-11-20|EPI_ISL_705090|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-23564/2020|2020-08-11|EPI_ISL_570596|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-8D740E/2020|2020-06-24|EPI_ISL_557048|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12D039/2020|2020-04-25|EPI_ISL_481804|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3D0D2/2020|2020-11-01|EPI_ISL_706220|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17661/2020|2020-12-14|EPI_ISL_751130|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-14245/2020|2020-08-28|EPI_ISL_739328|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Canada/ON-UHTC_0076/2020|2020-04-13|EPI_ISL_464019|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Japan/PG-5585/2020|2020-08-00|EPI_ISL_688710|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/NW-HHU-22/2020|2020-03-15|EPI_ISL_417467|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Denmark/DCGC-17121/2020|2020-12-14|EPI_ISL_750769|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-499457/2020|2020-12-03|EPI_ISL_727306|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0278/2020|2020-10-04|EPI_ISL_755424|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/MD-MDH-0427/2020|2020-10-14|EPI_ISL_666795|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-11038/2020|2020-11-02|EPI_ISL_669516|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-297CBD/2020|2020-04-24|EPI_ISL_488170|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E8849/2020|2020-09-24|EPI_ISL_637578|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUH-9FF3B7/2020|2020-09-30|EPI_ISL_600157|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200122/2020|2020-04-14|EPI_ISL_578351|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/NORW-2224CE/2020|2020-12-17|EPI_ISL_741497|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUH-BA266D/2020|2020-11-18|EPI_ISL_672829|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10436/2020|2020-07-08|EPI_ISL_789475|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-1000-SAN/2020|2020-04-22|EPI_ISL_483454|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/EXET-139EC7/2020|2020-00-00|EPI_ISL_679351|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-A87359/2020|2020-10-17|EPI_ISL_606219|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA35/2020|2020-06-20|EPI_ISL_508229|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/France/ARA-37861/2020|2020-05-15|EPI_ISL_678508|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-2077/2020|2020-05-09|EPI_ISL_545106|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-A2253C/2020|2020-10-01|EPI_ISL_599004|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1422/2020|2020-04-00|EPI_ISL_685029|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-B7FF6E/2020|2020-11-14|EPI_ISL_661787|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0211710/2020|2020-03-22|EPI_ISL_429760|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Northern Ireland/NIRE-2342B0/2020|2020-10-15|EPI_ISL_680364|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/EXET-13DFC0/2020|2020-12-03|EPI_ISL_724305|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2102/2020|2020-11-11|EPI_ISL_683731|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-7ABE2/2020|2020-04-06|EPI_ISL_433850|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2245/2020|2020-03-15|EPI_ISL_604510|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-519719/2020|2020-06-02|EPI_ISL_558992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-ALFEDD/2020|2020-10-01|EPI_ISL_598952|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B46C87/2020|2020-11-06|EPI_ISL_656048|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8349/2020|2020-10-26|EPI_ISL_617354|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC9555/2020|2020-08-16|EPI_ISL_565599|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/VPE-030650/2020|2020-03-06|EPI_ISL_418805|Original|hCoV-19^^Deinze|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-7260/2020|2020-10-12|EPI_ISL_619236|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B33027/2020|2020-11-05|EPI_ISL_659276|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1680/2020|2020-05-12|EPI_ISL_456575|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-16793/2020|2020-12-14|EPI_ISL_750567|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9D985/2020|2020-04-27|EPI_ISL_449607|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9C7066/2020|2020-09-09|EPI_ISL_572594|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Puerto Rico/CDC-S3/2020|2020-03-23|EPI_ISL_434543|Original|hCoV-19^^Puerto Rico|Human|Puerto Rico Department of Health|Centers for Disease Control and Prevention|Santiago|USA

>Spike|hCoV-19/India/KA-nimh-0130/2020|2020-04-06|EPI_ISL_428481|Original|hCoV-19^^Karnataka|Human|District Surveillance Unit|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/USA/TX-DSHS-0524/2020|2020-06-23|EPI_ISL_560966|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Belgium/reg-0801762/2020|2020-08-01|EPI_ISL_734843|Original|hCoV-19^^Willebroek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUH-9F3483/2020|2020-09-24|EPI_ISL_588711|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020126502/2020|2020-06-15|EPI_ISL_535270|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Scotland/CVR2775/2020|2020-04-20|EPI_ISL_478035|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F02E6/2020|2020-09-24|EPI_ISL_580733|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BAB5E/2020|2020-11-12|EPI_ISL_664172|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-5A3A0C/2020|2020-06-14|EPI_ISL_558620|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FFF9/2020|2020-10-15|EPI_ISL_608344|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99BAF4/2020|2020-08-30|EPI_ISL_550338|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B2189D/2020|2020-11-01|EPI_ISL_647187|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5601/2020|2020-11-02|EPI_ISL_651861|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B0CD20/2020|2020-10-30|EPI_ISL_643493|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033971920/2020|2020-04-20|EPI_ISL_578160|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-4AE352/2020|2020-06-17|EPI_ISL_559543|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1850/2020|2020-11-24|EPI_ISL_729308|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Wales/PHWC-33FE9/2020|2020-04-16|EPI_ISL_446854|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-357/2020|2020-09-10|EPI_ISL_666644|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Denmark/DCGC-3734/2020|2020-04-27|EPI_ISL_622615|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-95C27F/2020|2020-06-17|EPI_ISL_554923|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1337/2020|2020-07-14|EPI_ISL_541275|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-ALSR-0577-IPL/2020|2020-05-13|EPI_ISL_483233|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42202280/2020|2020-03-22|EPI_ISL_528331|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-11592/2020|2020-11-02|EPI_ISL_671011|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20169003404/2020|2020-04-17|EPI_ISL_465174|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7980/2020|2020-06-30|EPI_ISL_545761|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hong Kong/VM20002453/2020|2020-02-08|EPI_ISL_426384|Original|hCoV-19^^Hong Kong|Human|Ruttonjee Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/USA/WY-WPHL-20161554/2020|2020-12-08|EPI_ISL_765971|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/AZ-TG618509/2020|2020-08-17|EPI_ISL_695702|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-B8C890/2020|2020-11-12|EPI_ISL_675957|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10314/2020|2020-11-02|EPI_ISL_669895|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1801/2020|2020-09-10|EPI_ISL_605673|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah51/2020|2020-03-26|EPI_ISL_437491|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/United Arab Emirates/1095/2020|2020-05-15|EPI_ISL_698168|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Netherlands/ZH-EMC-879/2020|2020-10-16|EPI_ISL_632759|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-5856/2020|2020-08-00|EPI_ISL_688973|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/SP-L1-CAMPI5/2020|2020-04-02|EPI_ISL_476168|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Faria|Brazil

>Spike|hCoV-19/USA/TX-HMH-MCoV-8265/2020|2020-07-07|EPI_ISL_783584|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC16944/2020|2020-08-06|EPI_ISL_663654|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-IBV-004951/2020|2020-04-19|EPI_ISL_481082|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/EDB4309/2020|2020-04-23|EPI_ISL_487895|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0615/2020|2020-11-00|EPI_ISL_779701|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC21511/2020|2020-04-02|EPI_ISL_516238|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-B63B78/2020|2020-11-08|EPI_ISL_656397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/MG-0285/2020|2020-04-08|EPI_ISL_470590|Original|hCoV-19^^Minas Gerais|Human|Simile|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/NORT-286BA5/2020|2020-10-16|EPI_ISL_638577|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-4105/2020|2020-06-00|EPI_ISL_692346|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-11BD73/2020|2020-11-13|EPI_ISL_652386|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0821/2020|2020-06-13|EPI_ISL_514167|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/20139047104/2020|2020-03-29|EPI_ISL_420692|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-957BF1/2020|2020-06-10|EPI_ISL_554127|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2410/2020|2020-04-00|EPI_ISL_686015|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/VD-ETHZ-330259/2020|2020-10-17|EPI_ISL_614962|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Germany/NW-HHU-100/2020|2020-08-28|EPI_ISL_539577|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/ALDP-4F551A/2020|2020-06-24|EPI_ISL_559248|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_02018462/2020|2020-03-00|EPI_ISL_477087|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/QEUH-B824B4/2020|2020-11-14|EPI_ISL_668370|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001619/2020|2020-03-18|EPI_ISL_467176|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMB-81CE5/2020|2020-04-12|EPI_ISL_442544|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-SR0103/2020|2020-03-16|EPI_ISL_445100|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A2F14A/2020|2020-10-05|EPI_ISL_587146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17051/2020|2020-08-01|EPI_ISL_663707|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2870/2020|2020-04-21|EPI_ISL_493826|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10924/2020|2020-11-24|EPI_ISL_678464|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-8B5FBA/2020|2020-06-29|EPI_ISL_557077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-404/2020|2020-10-30|EPI_ISL_722571|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/AZ-TG666118/2020|2020-05-02|EPI_ISL_696204|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Belgium/reg-09181049/2020|2020-09-18|EPI_ISL_734992|Original|hCoV-19^^Bost|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-B8E737/2020|2020-11-13|EPI_ISL_674152|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC642/2020|2020-04-03|EPI_ISL_444759|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/20129071204/2020|2020-03-12|EPI_ISL_424066|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2D3699/2020|2020-04-15|EPI_ISL_517532|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10062/2020|2020-11-09|EPI_ISL_669371|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-PV08445/2020|2020-03-18|EPI_ISL_421396|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/QEUA-AF0072/2020|2020-10-29|EPI_ISL_662809|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0496/2020|2020-05-18|EPI_ISL_698663|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Zimbabwe/ZW-9515/2020|2020-06-01|EPI_ISL_644761|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/Bangladesh/DNAS-CPH-isl-430/2020|2020-04-29|EPI_ISL_605892|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/Wuhan/0126-C13/2020|2020-01-26|EPI_ISL_493171|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/Reunion/RUN-PIMIT20/2020|2020-03-31|EPI_ISL_522549|Vero E6|hCoV-19^^Reunion|Human|F\u00e9lix Guyon Hospital|UMR PIMIT Universit\u00e9 de La R\u00e9union|Wilkinson|Reunion

>Spike|hCoV-19/Denmark/DCGC-5078/2020|2020-09-21|EPI_ISL_621616|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/23LS3E11/2020|2020-10-23|EPI_ISL_759775|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMB-7C02D/2020|2020-04-13|EPI_ISL_433981|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19426/2020|2020-12-07|EPI_ISL_748937|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SH-ETHZ-410827/2020|2020-12-12|EPI_ISL_737490|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/ALDP-CBF040/2020|2020-12-19|EPI_ISL_760780|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15688/2020|2020-07-09|EPI_ISL_785372|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1030/2020|2020-03-29|EPI_ISL_644184|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/BRIS-123F54/2020|2020-04-08|EPI_ISL_492827|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-88F0D4/2020|2020-07-27|EPI_ISL_532758|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00573/2020|2020-08-07|EPI_ISL_542987|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Northern Ireland/NIRE-100184/2020|2020-05-03|EPI_ISL_489355|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-795/2020|2020-03-30|EPI_ISL_444910|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/ALDP-B23EA8/2020|2020-11-04|EPI_ISL_646193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-A62002/2020|2020-10-11|EPI_ISL_706953|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LEED-2A8CF5/2020|2020-03-31|EPI_ISL_539134|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10293/2020|2020-11-09|EPI_ISL_669880|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2551/2020|2020-08-17|EPI_ISL_616527|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BC345/2020|2020-11-29|EPI_ISL_723864|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/PORT-2D5CE0/2020|2020-12-19|EPI_ISL_763824|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1964/2020|2020-05-06|EPI_ISL_486236|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/FL-BPHL-0104/2020|2020-04-27|EPI_ISL_445046|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Shanghai/SH0038/2020|2020-02-06|EPI_ISL_416347|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/England/QEUI-AD3576/2020|2020-10-26|EPI_ISL_634551|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8ECDE/2020|2020-11-13|EPI_ISL_674511|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6537/2020|2020-07-25|EPI_ISL_521307|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-4433/2020|2020-07-00|EPI_ISL_692656|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9ECBA6/2020|2020-09-23|EPI_ISL_594644|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162FD1/2020|2020-05-29|EPI_ISL_473230|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DD391/2020|2020-09-22|EPI_ISL_599596|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9864/2020|2020-11-09|EPI_ISL_669237|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3DEF5/2020|2020-12-10|EPI_ISL_730878|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0102v2/2020|2020-04-17|EPI_ISL_644322|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/CAMB-79C86/2020|2020-04-02|EPI_ISL_470538|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A4AA6/2020|2020-03-11|EPI_ISL_499813|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004491/2020|2020-03-25|EPI_ISL_583946|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NM-UNM-00860/2020|2020-05-03|EPI_ISL_610282|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/ALDP-94E780/2020|2020-06-17|EPI_ISL_555060|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10597/2020|2020-11-02|EPI_ISL_669732|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2250/2020|2020-05-10|EPI_ISL_510588|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUA-AF40D8/2020|2020-10-30|EPI_ISL_663019|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42202184/2020|2020-03-22|EPI_ISL_528324|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/EDB4712/2020|2020-04-27|EPI_ISL_449328|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC387/2020|2020-03-23|EPI_ISL_426694|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A0BEB6/2020|2020-09-30|EPI_ISL_599373|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2375/2020|2020-05-29|EPI_ISL_545271|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20936/2020|2020-12-22|EPI_ISL_790962|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/India/OR-ILSCV33972/2020|2020-06-08|EPI_ISL_481179|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/ALDP-9C5235/2020|2020-09-10|EPI_ISL_567651|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B36886/2020|2020-11-05|EPI_ISL_645428|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBCF56/2020|2020-11-21|EPI_ISL_679295|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20862/2020|2020-12-21|EPI_ISL_790831|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-23BAC/2020|2020-03-12|EPI_ISL_418096|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7057/2020|2020-08-00|EPI_ISL_688162|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-17999/2020|2020-12-14|EPI_ISL_749691|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-JEDDAH63/2020|2020-03-25|EPI_ISL_677940|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/20126001604/2020|2020-03-19|EPI_ISL_423865|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495743/2020|2020-11-23|EPI_ISL_726390|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-764DC/2020|2020-03-30|EPI_ISL_439408|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1124/2020|2020-08-11|EPI_ISL_526610|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/GSTT-265E1F5/2020|2020-03-31|EPI_ISL_484169|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Belgium/UGent-128/2020|2020-05-15|EPI_ISL_481224|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/CAMC-B364DD/2020|2020-11-05|EPI_ISL_645495|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B356E7/2020|2020-11-05|EPI_ISL_659557|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6945/2020|2020-07-21|EPI_ISL_564159|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-47FBF8/2020|2020-10-12|EPI_ISL_612785|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-283/2020|2020-05-21|EPI_ISL_735331|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/LA-BIE-044/2020|2020-04-07|EPI_ISL_463292|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Wales/PHWC-28B89/2020|2020-04-03|EPI_ISL_445410|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-8FEF3D/2020|2020-06-24|EPI_ISL_557062|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B7DB6C/2020|2020-11-14|EPI_ISL_741901|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0389/2020|2020-04-18|EPI_ISL_467786|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-17627/2020|2020-12-14|EPI_ISL_750246|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A671FB/2020|2020-10-12|EPI_ISL_630413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20109008804/2020|2020-03-05|EPI_ISL_464536|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A9467E/2020|2020-10-19|EPI_ISL_611030|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC2832/2020|2020-11-24|EPI_ISL_703110|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-10C89D9/2020|2020-12-18|EPI_ISL_741956|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC9875/2020|2020-08-15|EPI_ISL_565757|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-16303/2020|2020-10-30|EPI_ISL_785987|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1573/2020|2020-05-26|EPI_ISL_495999|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Iceland/499/2020|2020-03-21|EPI_ISL_424521|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Scotland/QEUH-AAB46B/2020|2020-10-21|EPI_ISL_652792|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-BC399A/2020|2020-11-25|EPI_ISL_710754|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6638/2020|2020-10-12|EPI_ISL_619540|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC10461/2020|2020-07-13|EPI_ISL_562919|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21225/2020|2020-04-09|EPI_ISL_507481|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/NA_73/2020|2020-03-10|EPI_ISL_422833|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH020/2020|2020-03-13|EPI_ISL_434730|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-AA071/2020|2020-03-23|EPI_ISL_517395|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B1C4EC/2020|2020-11-01|EPI_ISL_645722|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14954/2020|2020-10-15|EPI_ISL_786438|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/LD-NVRL-77IRL69816/2020|2020-11-05|EPI_ISL_752518|Original|hCoV-19^^Longford|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-BBADE5/2020|2020-11-20|EPI_ISL_702414|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1382/2020|2020-12-11|EPI_ISL_779048|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/NSW696/2020|2020-07-21|EPI_ISL_513339|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-A0AD32/2020|2020-10-03|EPI_ISL_599277|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1273/2020|2020-03-10|EPI_ISL_482994|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/AZ-TG376112/2020|2020-06-15|EPI_ISL_694612|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-8CED1E/2020|2020-06-26|EPI_ISL_557088|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0227/2020|2020-03-18|EPI_ISL_475771|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Portugal/PT0629/2020|2020-04-06|EPI_ISL_454352|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/UT-UPHL-201219634/2020|2020-04-01|EPI_ISL_672555|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-A0C8F3/2020|2020-10-03|EPI_ISL_599197|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA27B5/2020|2020-11-18|EPI_ISL_719878|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CC3BFD/2020|2020-12-21|EPI_ISL_760422|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG310667/2020|2020-05-15|EPI_ISL_694317|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUA-B2BFCB/2020|2020-11-04|EPI_ISL_680044|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/UT-05583/2020|2020-06-01|EPI_ISL_487260|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUA-A8C05D/2020|2020-10-16|EPI_ISL_643234|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9FADFA/2020|2020-09-27|EPI_ISL_588189|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1755/2020|2020-03-23|EPI_ISL_476772|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-7939/2020|2020-06-24|EPI_ISL_545723|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-390224/2020|2020-11-27|EPI_ISL_721962|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Germany/HH-hpi-p2168/2020|2020-03-27|EPI_ISL_776398|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/VIC6335/2020|2020-07-25|EPI_ISL_518318|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUA-9E54EE/2020|2020-09-24|EPI_ISL_601078|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-794/2020|2020-07-05|EPI_ISL_495498|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-2663F/2020|2020-03-27|EPI_ISL_422037|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0694/2020|2020-04-14|EPI_ISL_568939|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/NY-Wadsworth-10528-01/2020|2020-03-03|EPI_ISL_426026|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-744A1/2020|2020-03-20|EPI_ISL_425296|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BRIS-130516/2020|2020-04-11|EPI_ISL_492684|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-A46C1F/2020|2020-10-06|EPI_ISL_598325|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9564/2020|2020-08-06|EPI_ISL_565604|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B07833/2020|2020-10-30|EPI_ISL_643883|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl605/2020|2020-03-16|EPI_ISL_775770|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUA-A8C828/2020|2020-10-16|EPI_ISL_643169|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5CF9B2/2020|2020-06-20|EPI_ISL_558500|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABC99/2020|2020-04-20|EPI_ISL_470337|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14352/2020|2020-10-06|EPI_ISL_787637|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-1335/2020|2020-04-30|EPI_ISL_494499|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NOTT-1185D8/2020|2020-10-27|EPI_ISL_679926|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6665496/2020|2020-11-14|EPI_ISL_744447|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-4544/2020|2020-07-00|EPI_ISL_689682|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8328/2020|2020-10-26|EPI_ISL_617329|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1644/2020|2020-05-27|EPI_ISL_496070|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/AK-PHL154/2020|2020-04-07|EPI_ISL_492061|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/Luxembourg/LNS4826464/2020|2020-10-25|EPI_ISL_744142|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-A02620/2020|2020-09-29|EPI_ISL_584916|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2584/2020|2020-03-16|EPI_ISL_604879|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15641/2020|2020-07-09|EPI_ISL_785325|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-94ACD0/2020|2020-07-27|EPI_ISL_556021|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-45091/2020|2020-12-08|EPI_ISL_747209|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-2524/2020|2020-06-03|EPI_ISL_545360|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A666DF/2020|2020-10-11|EPI_ISL_627159|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/SHEF-C2BDC/2020|2020-04-23|EPI_ISL_453703|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-9605E8/2020|2020-08-03|EPI_ISL_531950|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-QDX-1072/2020|2020-03-19|EPI_ISL_571910|Original|hCoV-19^^Wisconsin|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-95658B/2020|2020-06-08|EPI_ISL_553966|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/Qc-L00241074/2020|2020-03-27|EPI_ISL_465695|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Spain/PV-IBV-98006693/2020|2020-07-10|EPI_ISL_541091|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario

Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/Institute of Biomedicine of Valencia|Comas|Spain

>Spike|hCoV-19/Russia/SPE-RII-MH1628S/2020|2020-09-07|EPI_ISL_596301|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Netherlands/NB-EMC-224/2020|2020-07-06|EPI_ISL_523347|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-BB0FE9/2020|2020-11-17|EPI_ISL_720172|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2765C/2020|2020-03-31|EPI_ISL_432080|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-83409/2020|2020-04-14|EPI_ISL_443512|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Slovenia/5551/2020|2020-03-10|EPI_ISL_635219|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/Belgium/TVMT-0404277/2020|2020-04-04|EPI_ISL_464071|Original|hCoV-19^^Ciney|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-484B0F/2020|2020-10-24|EPI_ISL_627204|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7DD2B/2020|2020-10-13|EPI_ISL_638473|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9C6E21/2020|2020-09-09|EPI_ISL_572412|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-990DC9/2020|2020-08-26|EPI_ISL_551837|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-30863/2020|2020-11-02|EPI_ISL_661059|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/CA-SR0182/2020|2020-03-22|EPI_ISL_437595|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/201121365/2020|2020-03-10|EPI_ISL_464694|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10193/2020|2020-05-20|EPI_ISL_471428|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUA-B6BD6B/2020|2020-11-11|EPI_ISL_655170|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah230/2020|2020-04-06|EPI_ISL_437726|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Scotland/EDB808/2020|2020-04-03|EPI_ISL_457019|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-B1197F/2020|2020-11-02|EPI_ISL_642220|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3076/2020|2020-06-10|EPI_ISL_543979|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4877/2020|2020-08-00|EPI_ISL_689998|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-4070/2020|2020-07-00|EPI_ISL_692311|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-169462/2020|2020-04-01|EPI_ISL_499403|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg_11/2020|2020-04-07|EPI_ISL_464122|Original|hCoV-19^^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/Japan/PG-6472/2020|2020-08-00|EPI_ISL_689577|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-1327/2020|2020-03-18|EPI_ISL_422975|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/regal-11031209/2020|2020-11-03|EPI_ISL_735220|Original|hCoV-19^^Antwerpen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-6283/2020|2020-06-30|EPI_ISL_547362|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Israel/CVL-48-ngs/2020|2020-12-24|EPI_ISL_776635|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Norway/2358/2020|2020-03-30|EPI_ISL_590918|original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Scotland/CVR4051/2020|2020-08-30|EPI_ISL_535145|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4858F8/2020|2020-10-26|EPI_ISL_628234|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4869E5/2020|2020-10-25|EPI_ISL_639099|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-5CD1BC/2020|2020-06-19|EPI_ISL_558515|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A8E4A/2020|2020-03-31|EPI_ISL_539176|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4A4AB1/2020|2020-06-07|EPI_ISL_559649|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0687/2020|2020-03-26|EPI_ISL_509745|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-QDX-1510/2020|2020-03-17|EPI_ISL_603764|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-11647/2020|2020-10-26|EPI_ISL_671046|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4984/2020|2020-10-07|EPI_ISL_651739|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21316/2020|2020-12-21|EPI_ISL_759671|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-B2B5F6/2020|2020-11-04|EPI_ISL_646469|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB099/2020|2020-03-20|EPI_ISL_425889|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15DDA2/2020|2020-05-15|EPI_ISL_472776|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-10DEEA/2020|2020-03-11|EPI_ISL_425466|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Portugal/PT1434/2020|2020-03-24|EPI_ISL_511393|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Netherlands/GR-RIVM-20779/2020|2020-12-15|EPI_ISL_790920|Original|hCoV-19^^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Italy/ABR-IZSGC-TE26539/2020|2020-04-27|EPI_ISL_436727|Original|hCoV-19^^Abruzzo|Human|SERVIZIO DI IGIENE E SANIT\u00c0 PUBBLICA ASL Teramo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/England/MILK-9AA667/2020|2020-08-30|EPI_ISL_550965|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-992F1C/2020|2020-08-26|EPI_ISL_552163|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20118000204/2020|2020-03-11|EPI_ISL_464875|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20047/2020|2020-12-07|EPI_ISL_747950|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B769D2/2020|2020-11-12|EPI_ISL_723794|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-12F028/2020|2020-04-24|EPI_ISL_488316|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20166069804/2020|2020-04-16|EPI_ISL_466576|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-220012/2020|2020-07-27|EPI_ISL_511999|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-2F171/2020|2020-04-06|EPI_ISL_446209|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Singapore/60/2020|2020-04-08|EPI_ISL_428839|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-4972E6/2020|2020-11-26|EPI_ISL_726809|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000789/2020|2020-03-21|EPI_ISL_632169|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Luxembourg/LNS2958675/2020|2020-10-31|EPI_ISL_740224|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC6352/2020|2020-07-21|EPI_ISL_518332|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0246/2020|2020-04-02|EPI_ISL_453960|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/CVR5414/2020|2020-09-22|EPI_ISL_651809|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B070E0/2020|2020-10-29|EPI_ISL_643814|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B93DF/2020|2020-11-03|EPI_ISL_651706|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0160/2020|2020-06-20|EPI_ISL_526286|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Uganda/UG075/2020|2020-08-24|EPI_ISL_737944|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/USA/NC_200325/2020|2020-03-00|EPI_ISL_454821|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/USA/AZ-TG403691/2020|2020-06-23|EPI_ISL_694864|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/UT-UPHL-2012967418/2020|2020-08-17|EPI_ISL_746039|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC11614/2020|2020-07-25|EPI_ISL_563433|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-1034A6/2020|2020-04-17|EPI_ISL_489328|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12C595/2020|2020-05-07|EPI_ISL_469497|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-AD2AB4/2020|2020-10-27|EPI_ISL_644002|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1066/2020|2020-04-05|EPI_ISL_542515|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LEED-2A89A3/2020|2020-03-12|EPI_ISL_539149|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20ILR05741/2020|2020-08-00|EPI_ISL_578255|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-A4FF59/2020|2020-10-07|EPI_ISL_597769|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-62/2020|2020-07-29|EPI_ISL_593877|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/USA/OR-OHSU-0382/2020|2020-05-08|EPI_ISL_509122|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-B82A58/2020|2020-11-14|EPI_ISL_675630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12F0AC4/2020|2020-11-23|EPI_ISL_679603|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CF22/2020|2020-06-03|EPI_ISL_574186|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BBC0DB/2020|2020-11-21|EPI_ISL_705491|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10522/2020|2020-10-23|EPI_ISL_626287|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/MILK-9D4EC6/2020|2020-09-19|EPI_ISL_601759|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/UD-93998/2020|2020-10-08|EPI_ISL_671492|Original|hCoV-19^^Hajd\u00fa-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/CAMB-7665E/2020|2020-03-29|EPI_ISL_439475|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13267/2020|2020-11-30|EPI_ISL_712692|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12B842/2020|2020-05-18|EPI_ISL_487541|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1592/2020|2020-04-13|EPI_ISL_618636|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BAAAF0/2020|2020-11-18|EPI_ISL_681439|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AE57E/2020|2020-00-00|EPI_ISL_448702|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-899/2020|2020-03-19|EPI_ISL_571620|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Northern Ireland/NIRE-235219/2020|2020-10-16|EPI_ISL_764419|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC256/2020|2020-09-24|EPI_ISL_580332|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12206/2020|2020-09-22|EPI_ISL_790246|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Philippines/RITM-03/2020|2020-03-21|EPI_ISL_430456|Original|hCoV-19^^Philippines|Human|Rizal Medical Center|Research Institute for Tropical Medicine|Polotan|Philippines

>Spike|hCoV-19/Luxembourg/LNS6971732/2020|2020-11-29|EPI_ISL_770916|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-A1E23C/2020|2020-10-01|EPI_ISL_587496|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1537/2020|2020-09-14|EPI_ISL_605415|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/NOTT-10F000/2020|2020-03-30|EPI_ISL_432955|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Wales/PHWC-163F1C/2020|2020-04-25|EPI_ISL_474102|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/20109050706/2020|2020-03-05|EPI_ISL_417268|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Japan/PG-1664/2020|2020-04-00|EPI_ISL_685270|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/VIC15642/2020|2020-07-31|EPI_ISL_593393|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUA-9AE029/2020|2020-09-02|EPI_ISL_637592|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-1689/2020|2020-04-02|EPI_ISL_468625|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA
>Spike|hCoV-19/Denmark/DCGC-16216/2020|2020-11-16|EPI_ISL_714137|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-B087F9/2020|2020-10-30|EPI_ISL_643648|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-DC29E4/2020|2020-11-23|EPI_ISL_703762|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/MD-MDH-0305/2020|2020-10-17|EPI_ISL_633086|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA
>Spike|hCoV-19/England/MILK-BDB7B3/2020|2020-11-26|EPI_ISL_709757|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BL-42208623/2020|2020-03-26|EPI_ISL_581770|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/England/QEUA-78C630/2020|2020-07-15|EPI_ISL_533092|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NOTT-112CBB/2020|2020-07-11|EPI_ISL_493607|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/QEUA-AE2802/2020|2020-10-27|EPI_ISL_633478|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL339/2020|2020-05-20|EPI_ISL_578745|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Australia/VIC4958/2020|2020-07-14|EPI_ISL_519326|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/WA-UW-24775/2020|2020-08-13|EPI_ISL_570767|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/LOND-DA597/2020|2020-11-09|EPI_ISL_724642|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LIVE-1D275C/2020|2020-08-22|EPI_ISL_534736|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/NSW35/2020|2020-03-08|EPI_ISL_417393|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Eden|Australia

>Spike|hCoV-19/Wales/PHWC-49CC4D/2020|2020-12-07|EPI_ISL_742665|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164EF0/2020|2020-06-09|EPI_ISL_479396|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-238/2020|2020-09-15|EPI_ISL_631371|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Australia/VIC15205/2020|2020-08-03|EPI_ISL_593188|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-741F5/2020|2020-03-20|EPI_ISL_440363|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2763/2020|2020-07-15|EPI_ISL_635665|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A68D9C/2020|2020-10-12|EPI_ISL_630528|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18769/2020|2020-11-24|EPI_ISL_785101|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A586D0/2020|2020-10-09|EPI_ISL_597124|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15566/2020|2020-10-23|EPI_ISL_787050|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B9E716/2020|2020-11-18|EPI_ISL_719914|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001106/2020|2020-10-19|EPI_ISL_671689|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Portugal/PT0800/2020|2020-03-19|EPI_ISL_511059|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-CZB-14759/2020|2020-11-05|EPI_ISL_738832|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Jordan/SR-057/2020|2020-03-24|EPI_ISL_430015|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/France/PAC-IHU-0635/2020|2020-04-13|EPI_ISL_568906|Original|hCoV-19^^Provence-Alpes-C\u00f0f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/South Africa/Tygerberg_312_CC2/2020|2020-10-07|EPI_ISL_660121|Original|hCoV-19^^Western Cape|Human|Ampath|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-AD50A0/2020|2020-10-26|EPI_ISL_634081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG532121/2020|2020-07-02|EPI_ISL_695422|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Canada/BC_8150537/2020|2020-03-12|EPI_ISL_418847|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Northern Ireland/NIRE-108A18/2020|2020-10-10|EPI_ISL_627525|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Japan/PG-1373/2020|2020-04-00|EPI_ISL_684980|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/PV-IBV-98007679/2020|2020-09-13|EPI_ISL_582078|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-6087/2020|2020-10-05|EPI_ISL_620281|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6925/2020|2020-10-12|EPI_ISL_619771|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS6982714/2020|2020-12-21|EPI_ISL_771106|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-16BEBD/2020|2020-09-19|EPI_ISL_573985|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4658/2020|2020-11-02|EPI_ISL_667060|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MD-MDH-0371/2020|2020-10-26|EPI_ISL_660072|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/India/TG-CCMB-GC28/2020|2020-05-30|EPI_ISL_528815|Original|hCoV-19^^Telangana|Human|Department of Medicine|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Kenya/C8240/2020|2020-05-19|EPI_ISL_568855|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/MILK-5747C1/2020|2020-06-10|EPI_ISL_558731|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S292/2020|2020-03-05|EPI_ISL_430146|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/202840488/2020|2020-07-07|EPI_ISL_566060|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-A1E22D/2020|2020-10-01|EPI_ISL_587483|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-662E4/2020|2020-10-07|EPI_ISL_612255|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMC-B0828F/2020|2020-10-30|EPI_ISL_643952|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03220/2020|2020-10-05|EPI_ISL_765750|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/HI-H200481/2020|2020-09-14|EPI_ISL_753023|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/LOND-124D530/2020|2020-06-04|EPI_ISL_507106|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Brazil/SP-470/2020|2020-04-25|EPI_ISL_574578|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal M\u00e9rio Gatti|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Wales/PHWC-4A1F97/2020|2020-12-14|EPI_ISL_743838|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-S250/2020|2020-03-27|EPI_ISL_755834|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Canada/QC-LSPQ-L00239061/2020|2020-03-26|EPI_ISL_536231|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Spain/IB-IBV-99010811/2020|2020-07-20|EPI_ISL_691680|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-C88A2/2020|2020-04-21|EPI_ISL_453729|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-B862E3/2020|2020-11-13|EPI_ISL_673939|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0409/2020|2020-03-26|EPI_ISL_475841|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Germany/BY-UHR-9ZK/2020|2020-03-29|EPI_ISL_513306|Viral culture|hCoV-19^^Bavaria|Human|Department of Infection Prevention and Infectious Diseases|University Hospital Regensburg|Fritsch|Germany

>Spike|hCoV-19/USA/WA-UW347/2020|2020-03-16|EPI_ISL_418914|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/204780726/2020|2020-11-19|EPI_ISL_678744|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488A86/2020|2020-10-20|EPI_ISL_639458|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0149/2020|2020-08-25|EPI_ISL_548025|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0363v2/2020|2020-05-05|EPI_ISL_768762|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9042/2020|2020-07-02|EPI_ISL_780915|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC12073/2020|2020-08-10|EPI_ISL_641209|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-11170/2020|2020-09-15|EPI_ISL_625527|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Guinea/CERFIG-1340/2020|2020-06-09|EPI_ISL_788937|Original|hCoV-19^^Conakry|Human|Centre de Recherche et de Formation en Infectiologie Guin\u00e9e|TransVIHMI|Keita|Guinea

>Spike|hCoV-19/England/ALDP-5AE5E2/2020|2020-06-17|EPI_ISL_558883|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10531/2020|2020-06-08|EPI_ISL_570331|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-2BA5C/2020|2020-03-28|EPI_ISL_445798|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-77IRL73961/2020|2020-11-05|EPI_ISL_752527|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-B82F68/2020|2020-11-14|EPI_ISL_675193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW945/2020|2020-08-27|EPI_ISL_545017|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-2C6DF/2020|2020-03-31|EPI_ISL_445897|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-291674-01/2020|2020-12-24|EPI_ISL_767601|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-SEARCH-5348/2020|2020-12-10|EPI_ISL_755163|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-2826/2020|2020-06-08|EPI_ISL_543800|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2EE80E/2020|2020-12-15|EPI_ISL_763610|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-QDX-835/2020|2020-03-16|EPI_ISL_571688|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LOND-D5444/2020|2020-04-15|EPI_ISL_444221|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-01061/2020|2020-05-01|EPI_ISL_791858|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Gibraltar/204462882/2020|2020-10-29|EPI_ISL_615049|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Scotland/QEUH-96D457/2020|2020-08-20|EPI_ISL_534585|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A9CED8/2020|2020-10-20|EPI_ISL_650641|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12572/2020|2020-11-16|EPI_ISL_682753|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-491079/2020|2020-11-11|EPI_ISL_705418|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8213159/2020|2020-11-17|EPI_ISL_744704|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/India/TG-CCMB-M118/2020|2020-06-06|EPI_ISL_495183|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/LIVE-A85B0/2020|2020-03-26|EPI_ISL_517185|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-A57CC0/2020|2020-10-08|EPI_ISL_597105|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3563/2020|2020-06-15|EPI_ISL_543025|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-QDX-1070/2020|2020-03-19|EPI_ISL_571848|Original|hCoV-19^^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-Wadsworth-263950-01/2020|2020-11-04|EPI_ISL_754515|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-49C1A8/2020|2020-12-07|EPI_ISL_742519|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA83C/2020|2020-11-23|EPI_ISL_703605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2307/2020|2020-06-11|EPI_ISL_496939|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/MILK-9712CF/2020|2020-08-18|EPI_ISL_553234|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB3ED8/2020|2020-10-20|EPI_ISL_650881|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-1711/2020|2020-04-00|EPI_ISL_685317|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47CDAA/2020|2020-10-02|EPI_ISL_586048|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8354/2020|2020-10-26|EPI_ISL_617337|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR3146/2020|2020-03-21|EPI_ISL_579438|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/LA-EVTL674/2020|2020-07-13|EPI_ISL_653366|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20233/2020|2020-03-29|EPI_ISL_447203|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/205141177/2020|2020-12-16|EPI_ISL_756141|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/England/ALDP-9519B1/2020|2020-06-10|EPI_ISL_555374|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C3CC9/2020|2020-04-15|EPI_ISL_432780|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-B528FD/2020|2020-11-08|EPI_ISL_657672|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6734577/2020|2020-10-29|EPI_ISL_744459|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-17465/2020|2020-12-14|EPI_ISL_751000|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4872/2020|2020-08-00|EPI_ISL_689993|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NC_200429/2020|2020-04-00|EPI_ISL_458291|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20030/2020|2020-11-21|EPI_ISL_723227|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Switzerland/BE-UNIBE-223-2673/2020|2020-04-11|EPI_ISL_574858|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/England/QEUA-B411AB/2020|2020-11-08|EPI_ISL_658711|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-310358/2020|2020-10-07|EPI_ISL_603432|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-14259/2020|2020-08-25|EPI_ISL_739218|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22478/2020|2020-11-02|EPI_ISL_708579|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/MILK-BDC767/2020|2020-11-27|EPI_ISL_709625|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009552/2020|2020-07-17|EPI_ISL_671849|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Switzerland/BE-ETHZ-190073/2020|2020-07-04|EPI_ISL_500931|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-74CF4/2020|2020-03-17|EPI_ISL_425366|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BRIS-1227C6/2020|2020-04-04|EPI_ISL_440714|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B4662F/2020|2020-11-07|EPI_ISL_656298|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1512/2020|2020-04-00|EPI_ISL_685119|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20132005704/2020|2020-03-23|EPI_ISL_423723|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16240/2020|2020-10-30|EPI_ISL_785924|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-99126F/2020|2020-08-27|EPI_ISL_551881|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1834/2020|2020-05-27|EPI_ISL_496260|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/South Africa/KRISP-K002793/2020|2020-08-24|EPI_ISL_529787|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Ireland/SO-NVRL-76IRL31587/2020|2020-10-18|EPI_ISL_732461|Original|hCoV-19^^Sligo|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-AA4FE9/2020|2020-10-21|EPI_ISL_630808|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA132C/2020|2020-10-22|EPI_ISL_624002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC62D/2020|2020-09-23|EPI_ISL_580603|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2243/2020|2020-03-22|EPI_ISL_500683|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/Australia/VIC912/2020|2020-03-24|EPI_ISL_426881|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/204821548_2/2020|2020-11-23|EPI_ISL_686611|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_96/2020|2020-03-18|EPI_ISL_422890|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-BB1249/2020|2020-11-17|EPI_ISL_720179|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-735/2020|2020-07-06|EPI_ISL_693248|Original|hCoV-19^^S\u00e3o Paulo|Human|Centro Municipal de Epidemiologia e Imuniza\u00e7\u00e3o|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/ALDP-A92BEA/2020|2020-10-19|EPI_ISL_610992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG408148/2020|2020-06-16|EPI_ISL_694903|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/FL-BPHL-0215/2020|2020-04-20|EPI_ISL_480866|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUH-B14253/2020|2020-11-02|EPI_ISL_641790|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03804/2020|2020-11-00|EPI_ISL_775065|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/LIVE-99CEA/2020|2020-04-14|EPI_ISL_439813|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00698/2020|2020-04-06|EPI_ISL_460336|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Austria/CeMM0900/2020|2020-03-29|EPI_ISL_583753|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Canada/BC_08859333/2020|2020-05-00|EPI_ISL_477066|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/NOTT-11D00F/2020|2020-11-20|EPI_ISL_665914|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0067/2020|2020-04-10|EPI_ISL_463997|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/MN-MDH-2118/2020|2020-10-30|EPI_ISL_683747|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-ALSR-3793/2020|2020-06-05|EPI_ISL_636204|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-76032/2020|2020-03-30|EPI_ISL_439507|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A20E06/2020|2020-10-01|EPI_ISL_598924|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11551/2020|2020-08-25|EPI_ISL_563412|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48E82C/2020|2020-11-13|EPI_ISL_680918|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-288823-01/2020|2020-12-18|EPI_ISL_767486|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-CSMC10/2020|2020-03-27|EPI_ISL_475574|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/20144037404/2020|2020-03-31|EPI_ISL_423538|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/CT-IrsiCaixa-2020030095/2020|2020-03-13|EPI_ISL_510689|Vero|hCoV-19^^Catalunya|Human|Hospital Universitari Germans Trias i Pujol (HUGTiP)/Fundaci\u00f3 Lluita contra la SIDA (FLSida)/IRTA-CReSA|IrsiCaixa AIDS Research Lab|Noguera-Julian|Spain

>Spike|hCoV-19/England/MILK-ACD867/2020|2020-10-21|EPI_ISL_630019|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B21217/2020|2020-11-03|EPI_ISL_647476|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD07BF/2020|2020-10-24|EPI_ISL_634008|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0E1AA/2020|2020-11-02|EPI_ISL_641964|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-105213/2020|2020-03-31|EPI_ISL_461774|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMB-783EC/2020|2020-04-05|EPI_ISL_433729|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/201080042/2020|2020-03-05|EPI_ISL_464439|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-E738E/2020|2020-04-20|EPI_ISL_449029|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42175213/2020|2020-03-03|EPI_ISL_418279|Original|hCoV-19^^Basel|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Japan/PG-7655/2020|2020-08-00|EPI_ISL_686757|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-65EB66/2020|2020-07-03|EPI_ISL_555539|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B992FC/2020|2020-11-15|EPI_ISL_673254|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEAE08/2020|2020-10-26|EPI_ISL_633214|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20614/2020|2020-11-19|EPI_ISL_790631|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-3411/2020|2020-06-14|EPI_ISL_544171|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/TBSD-2488710/2020|2020-04-18|EPI_ISL_482126|Original|hCoV-19^^England|Human|The Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B786AC/2020|2020-11-12|EPI_ISL_783395|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4792/2020|2020-08-00|EPI_ISL_689634|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B883A2/2020|2020-11-14|EPI_ISL_674315|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C342C5/2020|2020-12-11|EPI_ISL_733974|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5034/2020|2020-06-23|EPI_ISL_544474|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Panama/334256/2020|2020-03-26|EPI_ISL_496770|Original|hCoV-19^^Guna Yala|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/South Korea/KCDC2373/2020|2020-05-31|EPI_ISL_514776|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/MI-MDHHS-SC21180/2020|2020-04-02|EPI_ISL_507437|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/Gelderland_29/2020|2020-04-08|EPI_ISL_460929|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20118070504/2020|2020-03-12|EPI_ISL_464938|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/C200045617/2020|2020-11-09|EPI_ISL_664057|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-75E1B/2020|2020-03-28|EPI_ISL_438455|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410739/2020|2020-12-12|EPI_ISL_737739|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Turkey/IST-GLAB-195/2020|2020-05-07|EPI_ISL_480279|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Bahrain/600022987/2020|2020-10-13|EPI_ISL_682310|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/CAMB-1B6624/2020|2020-00-00|EPI_ISL_612261|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009154/2020|2020-05-30|EPI_ISL_525144|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-S254/2020|2020-02-24|EPI_ISL_430292|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/NOTT-113E78/2020|2020-10-01|EPI_ISL_577119|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-947/2020|2020-10-09|EPI_ISL_722360|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-201008588/2020|2020-04-18|EPI_ISL_594113|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-9DC8C0/2020|2020-09-21|EPI_ISL_580919|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2902/2020|2020-09-04|EPI_ISL_667402|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH595/2020|2020-04-23|EPI_ISL_512984|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Wales/PHWC-4A6730/2020|2020-12-17|EPI_ISL_763579|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C8E569/2020|2020-12-15|EPI_ISL_777424|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8201/2020|2020-08-00|EPI_ISL_687300|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW894/2020|2020-08-26|EPI_ISL_544975|Original|hCoV-19^^New South Wales|Human|Histopath|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/FL-BPHL-0492/2020|2020-03-25|EPI_ISL_495398|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-A057A2/2020|2020-09-30|EPI_ISL_600121|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98006457/2020|2020-06-30|EPI_ISL_538662|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/OXON-B4D13/2020|2020-04-30|EPI_ISL_535008|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13022/2020|2020-05-11|EPI_ISL_672306|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-20460/2020|2020-12-21|EPI_ISL_759164|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204300697/2020|2020-10-19|EPI_ISL_649815|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC320/2020|2020-06-17|EPI_ISL_495078|Original|hCoV-19^^Gujarat|Human|Department of MicroBiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-ALSR-1495/2020|2020-04-30|EPI_ISL_494621|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-08362/2020|2020-05-20|EPI_ISL_524145|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUH-AAB5A4/2020|2020-10-21|EPI_ISL_652799|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B83D5E/2020|2020-11-14|EPI_ISL_674421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9CFDA3/2020|2020-09-16|EPI_ISL_601848|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1457/2020|2020-08-26|EPI_ISL_755882|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-9B5BD3/2020|2020-08-28|EPI_ISL_590260|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B999CA/2020|2020-11-15|EPI_ISL_673680|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3686/2020|2020-04-00|EPI_ISL_691939|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-163486/2020|2020-04-24|EPI_ISL_473300|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2489/2020|2020-12-30|EPI_ISL_779321|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/CAMC-AB0348/2020|2020-10-21|EPI_ISL_623234|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_46/2020|2020-03-08|EPI_ISL_422807|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/ARA-67717/2020|2020-09-04|EPI_ISL_692766|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/UT-UPHL-2009575/2020|2020-07-18|EPI_ISL_605253|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-UW-1412/2020|2020-09-04|EPI_ISL_536782|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-7031/2020|2020-06-28|EPI_ISL_546449|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1640/2020|2020-11-09|EPI_ISL_731949|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC8774/2020|2020-07-29|EPI_ISL_565186|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Norway/4590/2020|2020-10-18|EPI_ISL_635165|Original|hCoV-19^^Tr\u00f8ndelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/CAMB-7580E/2020|2020-03-14|EPI_ISL_440463|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR4858/2020|2020-10-02|EPI_ISL_650517|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11285/2020|2020-06-19|EPI_ISL_570387|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Singapore/728/2020|2020-06-23|EPI_ISL_500549|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/LIVE-9D6D9/2020|2020-04-11|EPI_ISL_453227|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-D1F56/2020|2020-03-30|EPI_ISL_432644|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14157/2020|2020-10-17|EPI_ISL_739539|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-9F8C86/2020|2020-09-27|EPI_ISL_588904|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B895E/2020|2020-09-07|EPI_ISL_549597|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BABAC2/2020|2020-11-18|EPI_ISL_720456|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACF249/2020|2020-10-22|EPI_ISL_629642|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C8C4/2020|2020-11-04|EPI_ISL_666481|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201208296/2020|2020-04-07|EPI_ISL_672561|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10468/2020|2020-07-08|EPI_ISL_789264|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-254/2020|2020-04-01|EPI_ISL_428728|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/IL-NM08/2020|2020-03-17|EPI_ISL_444521|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/CAMC-B08207/2020|2020-10-29|EPI_ISL_643705|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/NLE-UANL-388/2020|2020-03-22|EPI_ISL_648597|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio de Infectolog\u00eda\nServicio de Infectolog\u00eda\nHospital Universitario Dr. Jos\u00e9 Eleuterio Gonz\u00e1lez - Universidad Aut\u00f3noma de Nuevo Le\u00f3n|Laboratorio de Infectolog\u00eda Molecular\nDepartamento de Bioqu\u00edmica y Medicina Molecular\nFacultad de Medicina - Univer

sidad Aut\u00f3noma de Nuevo Le\u00f3n|Gal\u00e9n|Mexico

>Spike|hCoV-19/USA/TX-DSHS-0318/2020|2020-06-13|EPI_ISL_534285|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/UT-UPHL-04909/2020|2020-05-26|EPI_ISL_575199|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/QEUEH-95F69E/2020|2020-08-05|EPI_ISL_532378|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9754E3/2020|2020-08-21|EPI_ISL_552447|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-795A9/2020|2020-04-03|EPI_ISL_441089|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1484/2020|2020-05-25|EPI_ISL_471607|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Singapore/922/2020|2020-03-24|EPI_ISL_538453|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Netherlands/GE-EMC-256/2020|2020-04-18|EPI_ISL_523235|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORW-21FAD1/2020|2020-12-15|EPI_ISL_741463|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D935/2020|2020-10-06|EPI_ISL_586687|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003353/2020|2020-09-07|EPI_ISL_602744|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-22279/2020|2020-12-14|EPI_ISL_758651|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC6807/2020|2020-07-21|EPI_ISL_564069|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B0F9DE/2020|2020-11-02|EPI_ISL_642201|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42296829/2020|2020-06-04|EPI_ISL_581874|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-8438/2020|2020-10-26|EPI_ISL_617917|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-GA66/2020|2020-06-18|EPI_ISL_508260|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/TX-HMH-3052/2020|2020-04-16|EPI_ISL_543958|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/NLE-UANL-031/2020|2020-11-18|EPI_ISL_779192|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio Estatal de Salud P\u00fablica de Nuevo Le\u00f3n|Laboratorio de Infectolog\u00eda Molecular|Gal\u00e9n|Mexico

>Spike|hCoV-19/Wales/PHWC-485764/2020|2020-10-25|EPI_ISL_628215|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9EF5E1/2020|2020-09-25|EPI_ISL_589759|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC734/2020|2020-03-30|EPI_ISL_427013|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/France/PAC-MEPHI-2165/2020|2020-09-28|EPI_ISL_644519|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Belgium/UGent-34/2020|2020-03-26|EPI_ISL_434352|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Northern Ireland/NIRE-FAFFD/2020|2020-03-24|EPI_ISL_448940|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035907994/2020|2020-09-11|EPI_ISL_583392|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-6255/2020|2020-06-22|EPI_ISL_547343|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AN-IBV-004098/2020|2020-04-17|EPI_ISL_510053|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ellaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-Wadsworth-290376-01/2020|2020-12-18|EPI_ISL_765555|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-727C8/2020|2020-03-23|EPI_ISL_439538|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-5786/2020|2020-08-00|EPI_ISL_688905|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-EVTL064/2020|2020-04-30|EPI_ISL_451225|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-1774/2020|2020-04-00|EPI_ISL_685380|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/OCC-SC494/2020|2020-03-26|EPI_ISL_660689|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/UT-UPHL-2012787729/2020|2020-08-17|EPI_ISL_746161|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-300274/2020|2020-10-01|EPI_ISL_603306|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-6136/2020|2020-08-00|EPI_ISL_689248|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C6B8D2/2020|2020-12-14|EPI_ISL_778630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08460/2020|2020-05-26|EPI_ISL_524232|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Sweden/20-50216/2020|2020-03-06|EPI_ISL_469077|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Canada/ON-S6/2020|2020-03-13|EPI_ISL_586421|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-15930/2020|2020-07-10|EPI_ISL_785614|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-15214/2020|2020-11-23|EPI_ISL_713698|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20132082004/2020|2020-03-23|EPI_ISL_423813|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B339A4/2020|2020-11-05|EPI_ISL_659099|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26EA0/2020|2020-03-30|EPI_ISL_422145|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B95DD1/2020|2020-11-13|EPI_ISL_676060|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S389/2020|2020-03-28|EPI_ISL_434149|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-16C502/2020|2020-09-18|EPI_ISL_574063|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9DA358/2020|2020-09-18|EPI_ISL_576865|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-89E315/2020|2020-07-24|EPI_ISL_532834|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8005266/2020|2020-10-31|EPI_ISL_744668|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B5D0DC/2020|2020-11-09|EPI_ISL_678855|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-745730/2020|2020-06-29|EPI_ISL_557511|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-BCC2F0/2020|2020-11-27|EPI_ISL_710775|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EBA9B/2020|2020-09-24|EPI_ISL_584395|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9CBEB3/2020|2020-09-15|EPI_ISL_575687|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08546/2020|2020-03-28|EPI_ISL_475108|Original|hCoV-19^^Sormland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-A9FCAE/2020|2020-10-20|EPI_ISL_665996|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-ACE17A/2020|2020-10-20|EPI_ISL_630280|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B71ED5/2020|2020-11-23|EPI_ISL_704575|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-01636/2020|2020-04-08|EPI_ISL_575062|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR4465/2020|2020-09-20|EPI_ISL_585329|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-A8EA6C/2020|2020-10-18|EPI_ISL_650950|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Sweden/20-52742/2020|2020-08-04|EPI_ISL_648169|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi NAL Trollhattan|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMB-79DB0/2020|2020-04-02|EPI_ISL_441292|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D84E/2020|2020-10-06|EPI_ISL_586199|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14637/2020|2020-11-16|EPI_ISL_739591|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/AZ-TG670118/2020|2020-05-02|EPI_ISL_696334|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Burkina Faso/2496/2020|2020-09-11|EPI_ISL_660487|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Sourou Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Spain/CL-IBV-97006314/2020|2020-05-02|EPI_ISL_537678|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CO-CDPHE-2008170978/2020|2020-08-16|EPI_ISL_710323|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Australia/VIC12443/2020|2020-07-26|EPI_ISL_591990|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUA-A1FECE/2020|2020-10-01|EPI_ISL_599058|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-116A80/2020|2020-10-15|EPI_ISL_627666|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Malaysia/IMR-CV140273/2020|2020-09-01|EPI_ISL_718301|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Scotland/QEUA-96C212/2020|2020-08-15|EPI_ISL_530836|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498DA8/2020|2020-11-28|EPI_ISL_727209|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-876A1E/2020|2020-07-20|EPI_ISL_557442|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6609/2020|2020-07-19|EPI_ISL_521371|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-BA26C7/2020|2020-11-18|EPI_ISL_672875|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8791/2020|2020-07-01|EPI_ISL_780757|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4821C3/2020|2020-10-15|EPI_ISL_612045|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1062/2020|2020-04-30|EPI_ISL_463552|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC17829/2020|2020-07-13|EPI_ISL_779482|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/USA/WA-UW-26849/2020|2020-09-01|EPI_ISL_570779|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Singapore/804/2020|2020-07-27|EPI_ISL_512840|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/UT-UPHL-2012893348/2020|2020-11-19|EPI_ISL_746965|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/South Africa/KRISP-K004734/2020|2020-10-21|EPI_ISL_660262|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostic Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/LEED-2A8F0B/2020|2020-04-04|EPI_ISL_539142|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB45A6/2020|2020-12-19|EPI_ISL_761054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B9F93D/2020|2020-11-18|EPI_ISL_721014|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-964FB9/2020|2020-08-13|EPI_ISL_531160|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4384/2020|2020-07-14|EPI_ISL_519680|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012105256/2020|2020-08-09|EPI_ISL_745787|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-2012289777/2020|2020-08-03|EPI_ISL_746032|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-488EE4/2020|2020-10-31|EPI_ISL_639515|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10CFD8B/2020|2020-12-10|EPI_ISL_742023|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LIVE-DB887B/2020|2020-10-26|EPI_ISL_651208|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-B89CD3/2020|2020-11-13|EPI_ISL_675566|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9AA3/2020|2020-11-20|EPI_ISL_702989|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1238/2020|2020-07-30|EPI_ISL_528657|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/VA-DCLS-0772/2020|2020-06-09|EPI_ISL_526887|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-AA509A/2020|2020-10-21|EPI_ISL_630964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201161452/2020|2020-03-11|EPI_ISL_464841|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-CB67AE/2020|2020-12-18|EPI_ISL_761309|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E2636/2020|2020-09-21|EPI_ISL_581136|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4677/2020|2020-07-16|EPI_ISL_519065|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/PA-MGEL-00445/2020|2020-07-25|EPI_ISL_681933|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/QEUEH-B3039A/2020|2020-11-04|EPI_ISL_659820|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3091B/2020|2020-04-08|EPI_ISL_446293|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0050/2020|2020-03-26|EPI_ISL_491103|Original|hCoV-19^^South Carolina|Human|SC Department of Health and Environmental Control|SC Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/Wales/PHWC-48D025/2020|2020-11-08|EPI_ISL_666569|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-60693/2020|2020-06-02|EPI_ISL_477741|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-002494/2020|2020-03-15|EPI_ISL_467055|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Northern Ireland/QEUEH-9696FB/2020|2020-08-14|EPI_ISL_531173|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-S94/2020|2020-06-03|EPI_ISL_508483|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Scotland/QEUEH-AE49EF/2020|2020-10-27|EPI_ISL_649670|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B85527/2020|2020-11-15|EPI_ISL_674391|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-31766-01/2020|2020-03-27|EPI_ISL_676778|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/LOND-D3604/2020|2020-04-02|EPI_ISL_440964|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-BC7B63/2020|2020-11-23|EPI_ISL_721502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13776/2020|2020-08-17|EPI_ISL_788869|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036711844/2020|2020-10-30|EPI_ISL_682127|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-4083/2020|2020-06-18|EPI_ISL_543354|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9C36A4/2020|2020-09-10|EPI_ISL_566766|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F8512/2020|2020-09-27|EPI_ISL_588851|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A41B9F/2020|2020-10-07|EPI_ISL_609388|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008805/2020|2020-09-21|EPI_ISL_654156|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-1506/2020|2020-07-24|EPI_ISL_568604|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-78A395/2020|2020-07-15|EPI_ISL_533022|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-9DF256/2020|2020-09-20|EPI_ISL_639003|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-BA19CF/2020|2020-11-18|EPI_ISL_719616|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98008079/2020|2020-09-30|EPI_ISL_654453|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORW-F6C36/2020|2020-11-30|EPI_ISL_706381|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A7013B/2020|2020-10-15|EPI_ISL_608334|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15120/2020|2020-10-18|EPI_ISL_786604|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2076/2020|2020-04-02|EPI_ISL_480616|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-164959/2020|2020-05-16|EPI_ISL_479326|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-997E47/2020|2020-08-24|EPI_ISL_537160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-RKI-NP-0025/2020|2020-12-04|EPI_ISL_763045|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/Scotland/QEUA-B4035B/2020|2020-11-09|EPI_ISL_676393|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0C31/2020|2020-10-22|EPI_ISL_625092|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000414/2020|2020-03-28|EPI_ISL_631898|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/PG-7299/2020|2020-08-00|EPI_ISL_688402|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C7ECF/2020|2020-04-22|EPI_ISL_453724|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-AD28C9/2020|2020-10-26|EPI_ISL_633974|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C0AD1/2020|2020-03-25|EPI_ISL_479195|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012067167/2020|2020-08-14|EPI_ISL_746172|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-15164/2020|2020-11-23|EPI_ISL_738663|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MI-UM-10036608384/2020|2020-10-24|EPI_ISL_650014|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/20189155304/2020|2020-05-02|EPI_ISL_465552|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DC4C/2020|2020-11-26|EPI_ISL_742889|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3845/2020|2020-09-07|EPI_ISL_622736|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0220/2020|2020-04-03|EPI_ISL_452798|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Singapore/862/2020|2020-04-12|EPI_ISL_527371|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Spain/MD-H12-95/2020|2020-04-19|EPI_ISL_530021|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/Northern Ireland/QEUA-87CACD/2020|2020-07-25|EPI_ISL_532827|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB37A2/2020|2020-11-19|EPI_ISL_701999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2945D3/2020|2020-08-03|EPI_ISL_572488|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15726/2020|2020-11-23|EPI_ISL_713984|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-503CB9/2020|2020-06-25|EPI_ISL_559165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3729/2020|2020-04-00|EPI_ISL_691982|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-96D83D/2020|2020-08-20|EPI_ISL_534535|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-280247/2020|2020-09-10|EPI_ISL_560428|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9E61C8/2020|2020-09-24|EPI_ISL_580397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2057/2020|2020-04-22|EPI_ISL_486300|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/20104003104/2020|2020-03-02|EPI_ISL_459958|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH927/2020|2020-04-06|EPI_ISL_513056|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-A6EBF6/2020|2020-10-15|EPI_ISL_607059|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB_319PT/2020|2020-04-11|EPI_ISL_653813|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Wales/PHWC-493D16/2020|2020-11-19|EPI_ISL_726015|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-969AFF/2020|2020-08-12|EPI_ISL_530976|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC316/2020|2020-03-24|EPI_ISL_420007|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B12BE1/2020|2020-11-02|EPI_ISL_642651|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_16537755/2020|2020-04-00|EPI_ISL_468680|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1031/2020|2020-06-23|EPI_ISL_512900|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-10990/2020|2020-11-02|EPI_ISL_669559|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A61962/2020|2020-10-12|EPI_ISL_628645|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002668/2020|2020-08-01|EPI_ISL_535534|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B8C9D9/2020|2020-11-13|EPI_ISL_675874|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-200238-01/2020|2020-07-15|EPI_ISL_677072|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-A4FE7A/2020|2020-10-07|EPI_ISL_597622|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW59/2020|2020-03-09|EPI_ISL_415624|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-9B8693/2020|2020-09-10|EPI_ISL_549737|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1086/2020|2020-08-05|EPI_ISL_569048|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a0Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUA-B7C5D8/2020|2020-11-14|EPI_ISL_741790|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Chile/MA-201641/2020|2020-10-08|EPI_ISL_746531|Original|hCoV-19^^Magallanes|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/CA-CZB-2199/2020|2020-05-27|EPI_ISL_513748|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19778/2020|2020-11-28|EPI_ISL_784118|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-A8C21B/2020|2020-10-16|EPI_ISL_643213|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1155/2020|2020-03-24|EPI_ISL_648081|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Germany/NW-HHU-499/2020|2020-12-03|EPI_ISL_770747|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/TX-DSHS-1664/2020|2020-06-24|EPI_ISL_710078|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20126007002/2020|2020-03-18|EPI_ISL_418750|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-9BA4B5/2020|2020-09-08|EPI_ISL_572921|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/NSW2071/2020|2020-03-20|EPI_ISL_509497|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Belgium/regA-0722815/2020|2020-07-22|EPI_ISL_734819|Original|hCoV-19^^Sint-Niklaas|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/CVR4730/2020|2020-09-17|EPI_ISL_585424|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/OXON-B0FE4/2020|2020-00-00|EPI_ISL_478985|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LEED-2A874F/2020|2020-04-01|EPI_ISL_539219|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-173A81/2020|2020-04-07|EPI_ISL_459149|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20066/2020|2020-12-07|EPI_ISL_747962|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-04162/2020|2020-05-14|EPI_ISL_493047|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/CAMC-B071FC/2020|2020-10-30|EPI_ISL_643819|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B71707/2020|2020-11-16|EPI_ISL_703064|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-A58E6F/2020|2020-10-09|EPI_ISL_597181|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6765/2020|2020-08-00|EPI_ISL_687875|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B33A0B/2020|2020-11-05|EPI_ISL_659171|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162593/2020|2020-05-31|EPI_ISL_473240|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8646215/2020|2020-12-17|EPI_ISL_744780|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-A2DB11/2020|2020-10-06|EPI_ISL_586629|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020324516/2020|2020-09-02|EPI_ISL_632833|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/QEUA-AF5B21/2020|2020-10-30|EPI_ISL_662982|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B394DA/2020|2020-11-02|EPI_ISL_658827|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV1434v1s1/2020|2020-12-01|EPI_ISL_791319|Original|hCoV-19^^Wicklow|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/LA-EVTL075/2020|2020-05-04|EPI_ISL_451236|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-C53CE0/2020|2020-12-11|EPI_ISL_736342|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F465F/2020|2020-09-24|EPI_ISL_588416|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3520/2020|2020-06-00|EPI_ISL_691776|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9955AE/2020|2020-08-25|EPI_ISL_551659|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-278122-01/2020|2020-11-22|EPI_ISL_754591|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WI-UW-1743/2020|2020-09-22|EPI_ISL_605616|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-B09AFF/2020|2020-10-30|EPI_ISL_672920|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B1FEAF/2020|2020-11-01|EPI_ISL_647509|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1169/2020|2020-04-00|EPI_ISL_684779|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2D745F/2020|2020-10-22|EPI_ISL_626880|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/HI-H200557/2020|2020-10-24|EPI_ISL_753086|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Italy/APU-IZSPB_312PT/2020|2020-11-03|EPI_ISL_653806|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Jordan/AQ-ALSR-5271/2020|2020-10-06|EPI_ISL_730509|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr507/2020|2020-12-00|EPI_ISL_770549|Original|hCoV-19^^Jonavos apskritis|Human|Private lab|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/ALDP-9358C5/2020|2020-06-21|EPI_ISL_553003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1156/2020|2020-10-30|EPI_ISL_629009|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/SHEF-10B22B9/2020|2020-04-20|EPI_ISL_469926|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12600/2020|2020-08-31|EPI_ISL_790413|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-19779/2020|2020-12-07|EPI_ISL_747783|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Poland/Sla6/2020|2020-05-05|EPI_ISL_451660|Original|hCoV-19^^Slask|Human|State Sanitary Inspectorate|Laboratory of Recombinant Vaccines|Rabalski|Poland

>Spike|hCoV-19/Australia/VIC3549/2020|2020-07-06|EPI_ISL_520298|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/KRISP-K004606/2020|2020-11-08|EPI_ISL_660632|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/WA-S2838/2020|2020-09-13|EPI_ISL_574680|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/DE-DHSS-F918110/2020|2020-03-26|EPI_ISL_582133|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-300268/2020|2020-10-01|EPI_ISL_603300|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-UM-10036739832/2020|2020-11-02|EPI_ISL_650001|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/LOND-12643B1/2020|2020-11-16|EPI_ISL_705397|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMC-B21666/2020|2020-11-03|EPI_ISL_647351|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51748/2020|2020-05-20|EPI_ISL_510844|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi NAL Trollhattan|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/NORW-EB742/2020|2020-05-04|EPI_ISL_472312|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B1FECD/2020|2020-11-02|EPI_ISL_647654|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11773/2020|2020-10-26|EPI_ISL_671127|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2009185/2020|2020-05-30|EPI_ISL_525168|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NOTT-11DAF2/2020|2020-11-24|EPI_ISL_706422|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B266/2020|2020-09-15|EPI_ISL_560265|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14568/2020|2020-11-30|EPI_ISL_711197|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-QDX-1889/2020|2020-03-16|EPI_ISL_604241|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-1225F9/2020|2020-04-04|EPI_ISL_440790|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC664/2020|2020-03-18|EPI_ISL_444781|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Netherlands/Gelderland_145/2020|2020-05-22|EPI_ISL_460905|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Russia/SVE-RII-MH2025S/2020|2020-09-20|EPI_ISL_602383|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-DSHS-0441/2020|2020-06-05|EPI_ISL_541976|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Luxembourg/LNS6079967/2020|2020-10-24|EPI_ISL_744354|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-94CE6F/2020|2020-06-15|EPI_ISL_555896|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0060/2020|2020-03-31|EPI_ISL_426468|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Netherlands/GE-RIVM-10112/2020|2020-03-16|EPI_ISL_547464|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Japan/PG-3436/2020|2020-07-00|EPI_ISL_691547|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-1701/2020|2020-07-23|EPI_ISL_526007|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MI-QDX-561/2020|2020-03-17|EPI_ISL_571317|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9440CB/2020|2020-06-07|EPI_ISL_554725|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3210/2020|2020-08-24|EPI_ISL_616766|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B93D00/2020|2020-11-13|EPI_ISL_676059|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12589/2020|2020-08-02|EPI_ISL_640825|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-117445/2020|2020-10-22|EPI_ISL_612192|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13615/2020|2020-11-30|EPI_ISL_712912|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3265/2020|2020-08-31|EPI_ISL_616183|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-1001/2020|2020-11-19|EPI_ISL_722676|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/LA-ALSR-0165-NBG/2020|2020-04-08|EPI_ISL_529164|Original|hCoV-19^^Louisiana|Human|Department of Immunology|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-BB08C0/2020|2020-11-17|EPI_ISL_720222|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/CRIE161122/2020|2020-03-31|EPI_ISL_534347|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Spera>nskaya|Russia

>Spike|hCoV-19/Switzerland/VD-ETHZ-300425/2020|2020-09-30|EPI_ISL_603382|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-4973/2020|2020-09-21|EPI_ISL_621511|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/GE-ETHZ-331454/2020|2020-10-21|EPI_ISL_614938|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Germany/BAV-MVP0214/2020|2020-04-21|EPI_ISL_548955|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Netherlands/NA_189/2020|2020-03-23|EPI_ISL_422724|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9E2F77/2020|2020-09-21|EPI_ISL_581301|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7C8FE/2020|2020-10-15|EPI_ISL_607576|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0521/2020|2020-05-18|EPI_ISL_698684|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/CVR1447/2020|2020-04-01|EPI_ISL_438814|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410302/2020|2020-12-15|EPI_ISL_737797|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B24548/2020|2020-11-04|EPI_ISL_647033|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/SEARCH-5470/2020|2020-09-10|EPI_ISL_755144|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/210100359/2021|2021-01-00|EPI_ISL_791195|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Belgium/Rega-0328207/2020|2020-03-28|EPI_ISL_458177|Original|hCoV-19^^Oudergem|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Belgium/reg-0707711/2020|2020-07-07|EPI_ISL_734794|Original|hCoV-19^^Molenstede|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-18434/2020|2020-12-07|EPI_ISL_749235|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4904/2020|2020-09-21|EPI_ISL_621442|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-288935-01/2020|2020-12-21|EPI_ISL_767495|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/LA-EVTL356/2020|2020-05-25|EPI_ISL_578762|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-9E53E1/2020|2020-09-23|EPI_ISL_589775|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-998101/2020|2020-08-27|EPI_ISL_568396|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1C4BF/2020|2020-11-01|EPI_ISL_645669|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18058/2020|2020-12-14|EPI_ISL_749730|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BS-ETHZ-101136/2020|2020-03-30|EPI_ISL_451803|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-872/2020|2020-04-06|EPI_ISL_545889|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AK-PHL896/2020|2020-07-06|EPI_ISL_528533|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19559/2020|2020-11-17|EPI_ISL_783931|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-99007124/2020|2020-07-30|EPI_ISL_541898|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-2031/2020|2020-05-11|EPI_ISL_486279|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Latvia/174/2020|2020-10-02|EPI_ISL_639671|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/LIVE-A063D/2020|2020-05-26|EPI_ISL_472123|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-C33642/2020|2020-12-11|EPI_ISL_782682|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-270075/2020|2020-09-03|EPI_ISL_541477|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-UM-10036484282/2020|2020-10-16|EPI_ISL_628833|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-2672/2020|2020-06-04|EPI_ISL_545466|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG532070/2020|2020-07-01|EPI_ISL_695405|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-BC0AD6/2020|2020-11-22|EPI_ISL_704742|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8319/2020|2020-08-00|EPI_ISL_687418|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-32E92/2020|2020-04-14|EPI_ISL_446701|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA567A/2020|2020-10-22|EPI_ISL_624157|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124D257/2020|2020-03-25|EPI_ISL_507072|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/QEUA-AD4EF2/2020|2020-10-26|EPI_ISL_633702|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH854/2020|2020-05-27|EPI_ISL_513192|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/UT-QDX-1481/2020|2020-03-15|EPI_ISL_603866|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-19566/2020|2020-12-07|EPI_ISL_748234|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6DF28/2020|2020-10-14|EPI_ISL_607778|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28F05/2020|2020-04-02|EPI_ISL_431964|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9B8068/2020|2020-09-04|EPI_ISL_590547|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B88339/2020|2020-11-14|EPI_ISL_674306|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A44BBA/2020|2020-10-04|EPI_ISL_598565|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC808/2020|2020-03-28|EPI_ISL_427082|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Portugal/PT1616/2020|2020-07-08|EPI_ISL_693618|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-AB86FC/2020|2020-10-21|EPI_ISL_623513|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUK-B6B985/2020|2020-11-11|EPI_ISL_655220|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUK-9E34A4/2020|2020-09-22|EPI_ISL_584848|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NOTT-11F902/2020|2020-11-27|EPI_ISL_725584|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0630-IPL/2020|2020-04-23|EPI_ISL_483269|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-1293E9/2020|2020-04-20|EPI_ISL_458820|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-4B830A/2020|2020-06-05|EPI_ISL_559207|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CA0A/2020|2020-10-14|EPI_ISL_606930|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-300444/2020|2020-09-30|EPI_ISL_603397|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-UW-4585/2020|2020-03-31|EPI_ISL_515274|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Spain/PV-IBV-001603/2020|2020-03-12|EPI_ISL_467139|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/EDB3419/2020|2020-04-10|EPI_ISL_487686|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB754B/2020|2020-10-21|EPI_ISL_623807|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17334/2020|2020-00-00|EPI_ISL_663847|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS7124526/2020|2020-12-11|EPI_ISL_744519|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-B04A7C/2020|2020-10-24|EPI_ISL_650593|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9605/2020|2020-11-09|EPI_ISL_669063|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1353/2020|2020-11-02|EPI_ISL_700548|Original|hCoV-19^^Western Cape|Human|Alma CDC wc AHC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Scotland/EDB11077/2020|2020-12-15|EPI_ISL_742201|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WA-S59/2020|2020-03-02|EPI_ISL_417112|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/NE-001-17/2020|2020-09-26|EPI_ISL_732820|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Denmark/DCGC-1113/2020|2020-03-16|EPI_ISL_614622|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18291/2020|2020-11-15|EPI_ISL_784639|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-AA06AC/2020|2020-10-21|EPI_ISL_666100|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B37102/2020|2020-11-05|EPI_ISL_645472|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15284/2020|2020-10-19|EPI_ISL_786768|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AB14F/2020|2020-04-19|EPI_ISL_470134|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12128/2020|2020-12-21|EPI_ISL_791438|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/CAMC-C85FCE/2020|2020-12-17|EPI_ISL_756659|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BCA31/2020|2020-00-00|EPI_ISL_705558|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201228458/2020|2020-04-01|EPI_ISL_672558|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1BB2D0/2020|2020-11-13|EPI_ISL_664554|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1669/2020|2020-03-18|EPI_ISL_603920|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MI-QDX-886/2020|2020-03-18|EPI_ISL_571607|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-9A51E3/2020|2020-09-02|EPI_ISL_550224|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2931/2020|2020-04-00|EPI_ISL_691057|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/AG-ETHZ-380338/2020|2020-11-26|EPI_ISL_721733|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-960A16/2020|2020-08-03|EPI_ISL_531948|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DAE3C2/2020|2020-10-15|EPI_ISL_627141|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NOTT-10F5C5/2020|2020-04-03|EPI_ISL_433024|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0014/2020|2020-03-14|EPI_ISL_529171|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/Austria/CeMM0878/2020|2020-05-06|EPI_ISL_583740|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/TX-HMH-MCoV-12044/2020|2020-09-20|EPI_ISL_790181|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-5394/2020|2020-09-07|EPI_ISL_615326|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Kenya/C5455/2020|2020-05-10|EPI_ISL_568768|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/OR-OHSU-0050/2020|2020-04-16|EPI_ISL_437530|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wuhan/HB-WH4-205/2020|2020-03-01|EPI_ISL_454955|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/EXET-138DCB/2020|2020-09-10|EPI_ISL_627444|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Portugal/PT0233/2020|2020-03-31|EPI_ISL_453947|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/CVR3986/2020|2020-08-30|EPI_ISL_540783|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9442B6/2020|2020-06-07|EPI_ISL_554663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0285/2020|2020-10-24|EPI_ISL_760079|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Germany/HH-hpi-pl623/2020|2020-03-17|EPI_ISL_776075|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-B33DE4/2020|2020-11-05|EPI_ISL_659206|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2659/2020|2020-07-01|EPI_ISL_521505|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B2E502/2020|2020-11-03|EPI_ISL_646174|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035790107/2020|2020-09-03|EPI_ISL_583316|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/20134015704/2020|2020-03-24|EPI_ISL_423086|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S1325/2020|2020-05-15|EPI_ISL_495775|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-0213/2020|2020-02-28|EPI_ISL_479913|Original|hCoV-19^^Kanto|Human|Niigata City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-846D5/2020|2020-03-10|EPI_ISL_440509|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420097/2020|2020-12-18|EPI_ISL_768306|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Sweden/20-08079/2020|2020-03-05|EPI_ISL_454454|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-AA53EC/2020|2020-10-21|EPI_ISL_625143|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B799DF/2020|2020-11-12|EPI_ISL_667905|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-848/2020|2020-09-27|EPI_ISL_632716|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-QDX-1711/2020|2020-03-17|EPI_ISL_604065|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/NA_114/2020|2020-03-10|EPI_ISL_422662|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-CC33C8/2020|2020-12-21|EPI_ISL_760621|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002593/2020|2020-08-01|EPI_ISL_535458|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-14085/2020|2020-11-30|EPI_ISL_711556|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2011210297/2020|2020-11-19|EPI_ISL_771269|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Switzerland/GE-HUG-4807/2020|2020-03-23|EPI_ISL_429215|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/Turkey/KU-018/2020|2020-04-29|EPI_ISL_495428|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/England/MILK-B55775/2020|2020-11-06|EPI_ISL_657581|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B26E/2020|2020-10-29|EPI_ISL_643461|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1263482/2020|2020-11-01|EPI_ISL_651179|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-A310B1/2020|2020-10-02|EPI_ISL_595862|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B78378/2020|2020-11-12|EPI_ISL_661638|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132003004/2020|2020-03-22|EPI_ISL_423711|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E983/2020|2020-10-15|EPI_ISL_607910|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14950/2020|2020-09-23|EPI_ISL_593075|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/ALDP-B73850/2020|2020-11-12|EPI_ISL_662488|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14130/2020|2020-10-02|EPI_ISL_787415|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20CV0499/2020|2020-10-25|EPI_ISL_622827|Original|hCoV-19^^South Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/NORT-2896A1/2020|2020-03-31|EPI_ISL_458648|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1689/2020|2020-11-12|EPI_ISL_732156|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Curacao/CW-RIVM-10092/2020|2020-03-10|EPI_ISL_547450|Original|hCoV-19^^Curacao|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Curacao

>Spike|hCoV-19/England/LIVE-DBE8C0/2020|2020-10-29|EPI_ISL_664695|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B51DC2/2020|2020-11-08|EPI_ISL_658028|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW340/2020|2020-03-16|EPI_ISL_418907|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB2778/2020|2020-03-30|EPI_ISL_456898|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-A64729/2020|2020-10-09|EPI_ISL_608873|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3281/2020|2020-04-00|EPI_ISL_691396|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-1003555295/2020|2020-08-19|EPI_ISL_583264|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-A4FEA7/2020|2020-10-07|EPI_ISL_597681|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001079/2020|2020-10-16|EPI_ISL_633080|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-3883/2020|2020-09-14|EPI_ISL_615602|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-98001476/2020|2020-03-17|EPI_ISL_537894|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-UW81/2020|2020-03-10|EPI_ISL_416437|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-640/2020|2020-03-26|EPI_ISL_437014|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-ACCE48/2020|2020-10-20|EPI_ISL_630230|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15360/2020|2020-05-22|EPI_ISL_739024|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15935/2020|2020-07-10|EPI_ISL_785619|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CD09D/2020|2020-09-16|EPI_ISL_566393|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12F4B3/2020|2020-04-13|EPI_ISL_488424|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA44F9/2020|2020-10-22|EPI_ISL_625031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABCF3/2020|2020-04-21|EPI_ISL_470248|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B82DAA/2020|2020-11-14|EPI_ISL_675180|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM80644511/2020|2020-12-07|EPI_ISL_753668|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/VIC4103/2020|2020-07-13|EPI_ISL_519483|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48AAFD/2020|2020-11-05|EPI_ISL_666121|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AC121A/2020|2020-10-10|EPI_ISL_631231|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F13B/2020|2020-10-05|EPI_ISL_587128|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15332/2020|2020-11-25|EPI_ISL_738520|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUA-B699F0/2020|2020-11-11|EPI_ISL_661436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-5505/2020|2020-03-22|EPI_ISL_560685|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL662/2020|2020-07-13|EPI_ISL_653354|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/South Africa/KRISP-0269/2020|2020-06-17|EPI_ISL_482856|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Brazil/AP-IEC-164082/2020|2020-04-15|EPI_ISL_458143|Original|hCoV-19^^Amapa|Human|\uffeffEvandro Chagas Institute|\uffeffEvandro Chagas Institute|Sousa J\u00fanior|Brazil

>Spike|hCoV-19/England/QEUA-79EE24/2020|2020-07-15|EPI_ISL_533081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000856/2020|2020-03-26|EPI_ISL_632232|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CT-Yale-579/2020|2020-05-14|EPI_ISL_738296|Original|hCoV-19^^Connecticut|Human|Yale Pathology Lab|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Scotland/CVR2035/2020|2020-04-08|EPI_ISL_484544|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Latvia/130/2020|2020-08-25|EPI_ISL_534220|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Netherlands/GE-EMC-188/2020|2020-04-22|EPI_ISL_523170|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9F095A/2020|2020-09-24|EPI_ISL_589741|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-44557-01/2020|2020-04-10|EPI_ISL_525668|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Wales/PHWC-4A4DD6/2020|2020-12-09|EPI_ISL_763750|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AF4ADA/2020|2020-10-29|EPI_ISL_676486|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9233/2020|2020-11-03|EPI_ISL_651158|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0236/2020|2020-09-27|EPI_ISL_602259|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/CAMC-945E2A/2020|2020-07-15|EPI_ISL_556713|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498D4E/2020|2020-11-27|EPI_ISL_727204|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A81FA6/2020|2020-10-11|EPI_ISL_625282|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C4773/2020|2020-09-10|EPI_ISL_549461|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WA-UW-7675/2020|2020-04-18|EPI_ISL_570191|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Israel/130710062/2020|2020-04-14|EPI_ISL_447469|Original|hCoV-19^^Tel Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/QEUA-AD201C/2020|2020-10-26|EPI_ISL_634092|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D1997-8209/2020|2020-10-05|EPI_ISL_753889|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-5104B1/2020|2020-06-11|EPI_ISL_559028|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-292DCE/2020|2020-05-19|EPI_ISL_489073|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3272/2020|2020-08-31|EPI_ISL_616304|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS9272998/2020|2020-04-17|EPI_ISL_434512|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-4A2AE0/2020|2020-12-11|EPI_ISL_743978|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Finland/8LS13F1/2020|2020-10-08|EPI_ISL_755974|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/South Korea/KCDC2694/2020|2020-07-04|EPI_ISL_522474|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-998F25/2020|2020-08-24|EPI_ISL_541811|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6097/2020|2020-10-05|EPI_ISL_620292|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-BCE8CF/2020|2020-11-26|EPI_ISL_704496|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR739/2020|2020-03-26|EPI_ISL_439098|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-A67D15/2020|2020-10-09|EPI_ISL_608920|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6601/2020|2020-12-03|EPI_ISL_775401|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Denmark/DCGC-13554/2020|2020-11-30|EPI_ISL_712875|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1648/2020|2020-06-24|EPI_ISL_710073|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-3824/2020|2020-07-00|EPI_ISL_692075|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NA_588/2020|2020-00-00|EPI_ISL_460752|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20139054704/2020|2020-03-27|EPI_ISL_420712|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2665/2020|2020-03-16|EPI_ISL_604913|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WA-S2614/2020|2020-06-19|EPI_ISL_497246|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-9E136D/2020|2020-09-20|EPI_ISL_580996|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/20MS4A7/2020|2020-03-20|EPI_ISL_757369|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/QEUH-A33583/2020|2020-10-04|EPI_ISL_626791|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-331067/2020|2020-10-20|EPI_ISL_614919|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-DSHS-1469/2020|2020-06-22|EPI_ISL_676620|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Myanmar/NIH-4385/2020|2020-00-00|EPI_ISL_434709|Original|hCoV-19^^Myanmar|Human|unknown|National Institute of Health. Department of medical Sciences|Okada|Myanmar

>Spike|hCoV-19/USA/MI-MDHHS-SC21818/2020|2020-03-13|EPI_ISL_565861|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/ON-S916/2020|2020-04-13|EPI_ISL_586484|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUH-AF671D/2020|2020-10-30|EPI_ISL_663199|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/MILK-9C3817/2020|2020-09-08|EPI_ISL_575990|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-9975S/2020|2020-06-22|EPI_ISL_569852|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-A8495A/2020|2020-10-18|EPI_ISL_610302|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20192150801/2020|2020-05-04|EPI_ISL_465604|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S2859/2020|2020-09-17|EPI_ISL_596390|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-A7BADB/2020|2020-10-15|EPI_ISL_607557|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-158-ngs/2020|2020-12-27|EPI_ISL_776845|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-87248D/2020|2020-07-17|EPI_ISL_557509|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BFCD7E/2020|2020-12-03|EPI_ISL_720809|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3794/2020|2020-05-31|EPI_ISL_478122|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-96B019/2020|2020-08-15|EPI_ISL_531376|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13572/2020|2020-08-21|EPI_ISL_788683|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4571/2020|2020-09-21|EPI_ISL_621368|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-SVUH-R9588/2020|2020-04-29|EPI_ISL_596628|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/CVR233/2020|2020-03-19|EPI_ISL_438888|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7791/2020|2020-10-19|EPI_ISL_618698|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-928/2020|2020-03-22|EPI_ISL_571633|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20162010504/2020|2020-04-12|EPI_ISL_466409|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-A7D2FF/2020|2020-10-13|EPI_ISL_606556|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUK-AD3BCF/2020|2020-10-26|EPI_ISL_634234|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1033/2020|2020-06-26|EPI_ISL_593685|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-9BE2E4/2020|2020-09-10|EPI_ISL_567930|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5973/2020|2020-10-27|EPI_ISL_703771|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Singapore/723/2020|2020-06-24|EPI_ISL_500544|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Canada/ON-PHL-20-03759/2020|2020-11-00|EPI_ISL_775042|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-B56A02/2020|2020-11-05|EPI_ISL_656808|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-60EEF3/2020|2020-07-06|EPI_ISL_557808|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-004065/2020|2020-03-18|EPI_ISL_510303|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MN-QDX-959/2020|2020-03-14|EPI_ISL_571760|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LOND-124D0C6/2020|2020-03-17|EPI_ISL_507053|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_11/2020|2020-04-22|EPI_ISL_645010|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/England/MILK-566C5A/2020|2020-06-12|EPI_ISL_558361|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2289/2020|2020-03-13|EPI_ISL_604609|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/201161565/2020|2020-03-11|EPI_ISL_464859|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/Friesland_33/2020|2020-04-14|EPI_ISL_460848|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A87948/2020|2020-10-16|EPI_ISL_606100|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201030943/2020|2020-05-30|EPI_ISL_594072|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/India/RJ-SMSCOV161/2020|2020-04-21|EPI_ISL_454832|Original|hCoV-19^^Rajasthan|Human|SMS Medical College|CSIR Institute of Genomics and Integrative Biology|Scaria|India

>Spike|hCoV-19/Japan/PG-3809/2020|2020-05-00|EPI_ISL_692060|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-166E1C/2020|2020-06-27|EPI_ISL_494118|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12BF2F/2020|2020-05-09|EPI_ISL_469439|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162681/2020|2020-06-04|EPI_ISL_473103|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C402D5/2020|2020-12-10|EPI_ISL_718541|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-118/2020|2020-03-13|EPI_ISL_467909|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Belgium/reg-10191107/2020|2020-10-19|EPI_ISL_735151|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUEH-C33C6E/2020|2020-12-11|EPI_ISL_733946|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/ACT0026/2020|2020-03-23|EPI_ISL_498493|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/Scotland/QEUEH-95FE78/2020|2020-08-07|EPI_ISL_531892|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5781/2020|2020-07-19|EPI_ISL_518579|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-5D19BD/2020|2020-06-19|EPI_ISL_558539|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-808E2/2020|2020-04-10|EPI_ISL_442883|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Bangladesh/CHRF-0059/2020|2020-08-04|EPI_ISL_625472|Original|hCoV-19^^Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/USA/TX-HMH-MCoV-8932/2020|2020-07-02|EPI_ISL_780840|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9E327D/2020|2020-09-20|EPI_ISL_581273|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8385/2020|2020-07-00|EPI_ISL_687484|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CT-UW-4343/2020|2020-03-30|EPI_ISL_430944|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-1B61227/2020|2020-10-19|EPI_ISL_638009|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
(COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/New Zealand/20VR2085/2020|2020-04-12|EPI_ISL_456369|Original|hCoV-
19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental
Science and Research (ESR)|de Ligt|New Zealand
>Spike|hCoV-19/Wales/PHWC-48CFA1/2020|2020-11-05|EPI_ISL_666562|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS9984061/2020|2020-03-19|EPI_ISL_429724|Original|hCoV-
19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de
Sante|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/United Arab Emirates/skmc-0532493/2020|2020-02-
21|EPI_ISL_582619|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical
City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab
Emirates
>Spike|hCoV-19/Germany/BY-MVP-0031/2020|2020-03-22|EPI_ISL_437230|Original|hCoV-
19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome
Analysis|Graf|Germany
>Spike|hCoV-19/USA/CA-CZB-14356/2020|2020-07-15|EPI_ISL_739200|Original|hCoV-
19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Denmark/DCGC-22298/2020|2020-12-14|EPI_ISL_758663|Original|hCoV-
19^^Sjaelland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Belgium/regal-11271180/2020|2020-11-27|EPI_ISL_735233|Original|hCoV-
19^^Bilzen|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/USA/WA-S320/2020|2020-04-01|EPI_ISL_434080|Original|hCoV-
19^^Washington|Human|Washington State Department of Health|Seattle Flu
Study|Bedford|USA
>Spike|hCoV-19/USA/WI-UW-2431/2020|2020-12-16|EPI_ISL_754650|Original|hCoV-
19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Moreno|USA
>Spike|hCoV-19/USA/NY-NYUMC888/2020|2020-04-03|EPI_ISL_467381|Original|hCoV-19^^New
York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/England/QEUEH-9B4C86/2020|2020-09-02|EPI_ISL_590301|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14904/2020|2020-10-15|EPI_ISL_786388|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/LIVE-1D15F9/2020|2020-05-14|EPI_ISL_572552|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/MILK-971168/2020|2020-08-17|EPI_ISL_553171|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-9A407E/2020|2020-09-01|EPI_ISL_540230|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CDPH035/2020|2020-06-25|EPI_ISL_515926|Original|hCoV-
19^^California|Human|California Department of Public Health|California Department of
Public Health|Bell|USA
>Spike|hCoV-19/England/ALDP-94D11A/2020|2020-06-16|EPI_ISL_555966|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC2511/2020|2020-06-29|EPI_ISL_522206|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Ireland/G-NVRL-75IRL71302/2020|2020-10-
12|EPI_ISL_671902|Original|hCoV-19^^Galway|Human|National Virus Reference
Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Switzerland/ZH-ETHZ-110050/2020|2020-04-01|EPI_ISL_486482|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-9416DB/2020|2020-07-25|EPI_ISL_556836|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6387/2020|2020-12-03|EPI_ISL_775496|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/MILK-82A8E2/2020|2020-07-18|EPI_ISL_557280|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_122/2020|2020-03-18|EPI_ISL_422669|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-2ED50/2020|2020-04-06|EPI_ISL_446147|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-069/2020|2020-05-26|EPI_ISL_466638|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Wales/PHWC-48B986/2020|2020-10-29|EPI_ISL_666305|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1138/2020|2020-03-20|EPI_ISL_511685|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9C510B/2020|2020-09-10|EPI_ISL_567753|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20172467/2020|2020-12-30|EPI_ISL_770486|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Netherlands/GE-EMC-227/2020|2020-06-09|EPI_ISL_523207|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR3991/2020|2020-09-02|EPI_ISL_540788|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-4A69D0/2020|2020-06-08|EPI_ISL_559507|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S36/2020|2020-03-17|EPI_ISL_586406|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/UT-UPHL-2012391352/2020|2020-06-19|EPI_ISL_746443|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/ALDP-B1CCD5/2020|2020-11-01|EPI_ISL_645799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21442/2020|2020-12-21|EPI_ISL_758168|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9ED3E9/2020|2020-05-05|EPI_ISL_589380|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1DCD4/2020|2020-11-01|EPI_ISL_723534|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/SHEF-C0AA4/2020|2020-11-20|EPI_ISL_680111|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-2894D4/2020|2020-03-30|EPI_ISL_458662|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NT11/2020|2020-00-00|EPI_ISL_426899|Original|hCoV-19^^Northern territory|Human|Royal Darwin Hospital Pathology|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B20F99/2020|2020-11-01|EPI_ISL_647595|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-CDC-2155/2020|2020-05-29|EPI_ISL_535358|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Poland/79297/2020|2020-11-00|EPI_ISL_732896|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/England/ALDP-4AC873/2020|2020-06-14|EPI_ISL_559454|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26611/2020|2020-03-27|EPI_ISL_422162|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03277/2020|2020-10-23|EPI_ISL_765769|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/LOND-D6C96/2020|2020-03-31|EPI_ISL_478418|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-B66665/2020|2020-11-11|EPI_ISL_661612|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14781/2020|2020-10-13|EPI_ISL_786266|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC11810/2020|2020-08-09|EPI_ISL_591859|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-9892/2020|2020-07-06|EPI_ISL_780326|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BABEA8/2020|2020-11-18|EPI_ISL_783196|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A47285/2020|2020-10-06|EPI_ISL_598270|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA0E67/2020|2020-11-18|EPI_ISL_672901|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8551/2020|2020-07-01|EPI_ISL_780623|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-10FE51/2020|2020-04-09|EPI_ISL_441450|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4877CC/2020|2020-10-30|EPI_ISL_639239|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0207/2020|2020-11-26|EPI_ISL_747442|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Brazil/AL-837/2020|2020-03-18|EPI_ISL_427292|Original|hCoV-19^^Alagoas|Human|LACEN-AL - Laboratorio Central de Alagoas|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Silva|Brazil

>Spike|hCoV-19/England/CAMC-9D203B/2020|2020-09-18|EPI_ISL_601495|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5396/2020|2020-07-19|EPI_ISL_520159|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC16615/2020|2020-08-05|EPI_ISL_641230|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-0852-NBG/2020|2020-05-14|EPI_ISL_483399|Original|hCoV-19^^Louisiana|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-B59823/2020|2020-11-06|EPI_ISL_679873|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480462/2020|2020-10-22|EPI_ISL_611684|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-1853443/2020|2020-04-07|EPI_ISL_492431|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0111/2020|2020-03-12|EPI_ISL_437969|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Brazil/SP-878/2020|2020-12-08|EPI_ISL_755644|Original|hCoV-19^^S\u00e3o Paulo|Human|Lab LOC - Itapecerica da Serra|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/ALDP-BBA978/2020|2020-11-20|EPI_ISL_702554|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-2-3714097/2020|2020-11-30|EPI_ISL_751655|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/United Arab Emirates/0302/2020|2020-05-17|EPI_ISL_698481|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-B092F7/2020|2020-10-30|EPI_ISL_643722|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9E4616/2020|2020-09-23|EPI_ISL_579867|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7738/2020|2020-09-00|EPI_ISL_686840|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/EXET-13EB43/2020|2020-12-14|EPI_ISL_763432|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/ALDP-95C2CA/2020|2020-06-16|EPI_ISL_554972|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9A465E/2020|2020-08-29|EPI_ISL_540178|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_11726488/2020|2020-04-00|EPI_ISL_467329|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/MILK-B966A8/2020|2020-11-14|EPI_ISL_676101|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_101/2020|2020-05-21|EPI_ISL_460862|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20140003804/2020|2020-03-28|EPI_ISL_423378|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Malaysia/1399/2020|2020-03-25|EPI_ISL_501184|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/USA/WA-S1414/2020|2020-05-19|EPI_ISL_495864|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/QEUEH-9CE427/2020|2020-09-16|EPI_ISL_601981|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29F1C5/2020|2020-05-12|EPI_ISL_484323|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99007119/2020|2020-07-28|EPI_ISL_541893|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-ACDA16/2020|2020-10-21|EPI_ISL_634515|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2E0B6/2020|2020-11-02|EPI_ISL_646237|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/LU-ETHZ-101141/2020|2020-03-31|EPI_ISL_451808|Original|hCoV-19^^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/204400735/2020|2020-10-26|EPI_ISL_653961|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B3441B/2020|2020-11-05|EPI_ISL_659440|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2435/2020|2020-12-15|EPI_ISL_754645|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Wales/PHWC-1632D7/2020|2020-05-29|EPI_ISL_473274|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B7AD4/2020|2020-09-04|EPI_ISL_590611|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2EA2F5/2020|2020-00-00|EPI_ISL_665418|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WI-UW-619/2020|2020-06-24|EPI_ISL_484994|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-948BF3/2020|2020-07-20|EPI_ISL_556823|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1637/2020|2020-05-27|EPI_ISL_496063|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-A7A7D5/2020|2020-10-15|EPI_ISL_606492|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20138019704/2020|2020-03-26|EPI_ISL_423296|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-A89BC8/2020|2020-10-16|EPI_ISL_638170|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BC88C5/2020|2020-11-22|EPI_ISL_767328|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036212950/2020|2020-09-30|EPI_ISL_590742|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-99DC47/2020|2020-08-30|EPI_ISL_550782|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20966/2020|2020-12-21|EPI_ISL_759479|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2011020172/2020|2020-11-01|EPI_ISL_710242|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-A84DF4/2020|2020-10-17|EPI_ISL_610328|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3636/2020|2020-03-13|EPI_ISL_548354|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-2644/2020|2020-08-17|EPI_ISL_617863|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AA6D8/2020|2020-04-17|EPI_ISL_470277|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205121276/2020|2020-00-00|EPI_ISL_766394|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Scotland/EDB1219/2020|2020-04-08|EPI_ISL_491694|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-UKT-a044/2020|2020-03-26|EPI_ISL_723099|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/USA/CA-ALSR-3051/2020|2020-08-28|EPI_ISL_635815|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WI-GMF-16891/2020|2020-08-24|EPI_ISL_547732|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUA-BCE971/2020|2020-11-26|EPI_ISL_704547|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201060144/2020|2020-03-04|EPI_ISL_464397|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482CA4/2020|2020-10-16|EPI_ISL_613278|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-155/2020|2020-04-10|EPI_ISL_427462|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-16595/2020|2020-11-16|EPI_ISL_714859|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-488B92/2020|2020-11-02|EPI_ISL_639474|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A86EFF/2020|2020-10-17|EPI_ISL_606079|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-982A1E/2020|2020-08-10|EPI_ISL_552533|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15012/2020|2020-10-16|EPI_ISL_786496|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-8601/2020|2020-10-26|EPI_ISL_625959|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4716/2020|2020-07-14|EPI_ISL_519104|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/ZH-EMC-665/2020|2020-09-25|EPI_ISL_632506|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-2957/2020|2020-06-09|EPI_ISL_543891|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6FB04/2020|2020-10-15|EPI_ISL_608246|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B968C0/2020|2020-11-14|EPI_ISL_676052|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1BF7/2020|2020-10-22|EPI_ISL_630805|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4692/2020|2020-09-29|EPI_ISL_730085|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B0AAFE/2020|2020-10-30|EPI_ISL_643591|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED63B/2020|2020-05-05|EPI_ISL_589570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012384680/2020|2020-10-23|EPI_ISL_745506|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-488EF3/2020|2020-11-01|EPI_ISL_637319|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12B3F6/2020|2020-05-02|EPI_ISL_487592|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B49334/2020|2020-11-07|EPI_ISL_649408|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42195724/2020|2020-03-17|EPI_ISL_528184|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MI-UM-2006S000868/2020|2020-03-27|EPI_ISL_484722|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Gibraltar/203360722/2020|2020-08-10|EPI_ISL_547438|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-481DEE/2020|2020-10-18|EPI_ISL_613172|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/Qc-L00240954/2020|2020-03-27|EPI_ISL_450307|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-2669/2020|2020-08-17|EPI_ISL_617889|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SH-ETHZ-410535/2020|2020-11-26|EPI_ISL_737776|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-IGI-0395/2020|2020-07-10|EPI_ISL_756315|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Singapore/733/2020|2020-06-22|EPI_ISL_500539|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Australia/ACT0033/2020|2020-03-24|EPI_ISL_498500|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/MILK-977399/2020|2020-07-24|EPI_ISL_550488|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D8A97/2020|2020-12-18|EPI_ISL_742115|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-36CC1/2020|2020-05-01|EPI_ISL_474789|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B02786/2020|2020-10-24|EPI_ISL_642995|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BE9424/2020|2020-12-02|EPI_ISL_708971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A02B12/2020|2020-10-01|EPI_ISL_584947|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3117/2020|2020-12-14|EPI_ISL_744055|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-JLL-22S/2020|2020-00-00|EPI_ISL_632309|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/USA/CA-ALSR-3090/2020|2020-09-04|EPI_ISL_635842|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-950AEC/2020|2020-06-14|EPI_ISL_554424|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2007242803/2020|2020-07-24|EPI_ISL_710215|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/RI-CDC-8135/2020|2020-04-22|EPI_ISL_647985|Original|hCoV-19^^Rhode Island|Human|RI State Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/LIVE-1D23A3/2020|2020-05-11|EPI_ISL_572443|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-249912-01/2020|2020-10-20|EPI_ISL_754741|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WA-S431/2020|2020-03-28|EPI_ISL_434191|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-494094/2020|2020-11-16|EPI_ISL_726063|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B41518/2020|2020-11-08|EPI_ISL_658618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-260071/2020|2020-08-23|EPI_ISL_539394|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-Wadsworth-114731-01/2020|2020-05-22|EPI_ISL_676952|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18322/2020|2020-11-17|EPI_ISL_784670|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A50B51/2020|2020-10-07|EPI_ISL_597707|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5346/2020|2020-08-00|EPI_ISL_690449|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0742/2020|2020-05-14|EPI_ISL_584143|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/LA-EVTL094/2020|2020-05-06|EPI_ISL_451255|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/UT-UPHL-2009696/2020|2020-07-26|EPI_ISL_605370|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/OCC-12/2020|2020-03-26|EPI_ISL_434627|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Laboratoire de virologie - \u00c9cole Nationale V\u00e9t\u00e9rinaire de Toulouse|Croville|France

>Spike|hCoV-19/Wales/PHWC-4A5E2D/2020|2020-12-14|EPI_ISL_764976|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006171/2020|2020-04-05|EPI_ISL_537318|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/BIRM-676F6/2020|2020-10-30|EPI_ISL_650769|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F571F/2020|2020-09-27|EPI_ISL_588795|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9B2444/2020|2020-09-03|EPI_ISL_549409|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-133C69/2020|2020-08-20|EPI_ISL_529336|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-00080/2020|2020-00-00|EPI_ISL_548755|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/CA-CZB-2524/2020|2020-04-29|EPI_ISL_513899|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-9B4D74/2020|2020-09-07|EPI_ISL_590343|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/BA-02291/2020|2020-02-29|EPI_ISL_415159|Original|hCoV-19^^Leuven|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Switzerland/SO-ETHZ-410336/2020|2020-12-17|EPI_ISL_737625|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-ACTREC-232/2020|2020-07-03|EPI_ISL_699885|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/WA-UW-11576/2020|2020-06-22|EPI_ISL_570441|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-295693/2020|2020-04-01|EPI_ISL_488642|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA3FF/2020|2020-04-16|EPI_ISL_443410|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-9D4FD2/2020|2020-09-17|EPI_ISL_601539|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2531B/2020|2020-03-22|EPI_ISL_432182|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-05500/2020|2020-05-30|EPI_ISL_575209|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/FL-UF-13/2020|2020-05-06|EPI_ISL_468718|Original|hCoV-19^^Florida|Human|Environmental and Global Health|Environmental and Global Health|Submitter|USA

>Spike|hCoV-19/Wales/PHWC-33FCB/2020|2020-04-18|EPI_ISL_446852|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7F37C/2020|2020-04-08|EPI_ISL_442843|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Singapore/438/2020|2020-03-20|EPI_ISL_475969|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-21225/2020|2020-12-21|EPI_ISL_759620|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-0617/2020|2020-06-13|EPI_ISL_525849|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-ALSR-3119/2020|2020-07-14|EPI_ISL_635857|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/PORT-2CF6AF/2020|2020-05-12|EPI_ISL_461972|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-192882-01/2020|2020-07-02|EPI_ISL_677011|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FBA64/2020|2020-04-11|EPI_ISL_459331|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012467/2020|2020-11-14|EPI_ISL_780091|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS2064422/2020|2020-08-10|EPI_ISL_740051|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/FL-BPHL-0828/2020|2020-06-12|EPI_ISL_514174|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Italy/APU-PODV-15949439/2020|2020-08-29|EPI_ISL_788959|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/England/ALDP-68EAF7/2020|2020-07-02|EPI_ISL_558107|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9A2C9/2020|2020-04-17|EPI_ISL_440854|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B10B7A/2020|2020-11-02|EPI_ISL_642632|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009257/2020|2020-05-15|EPI_ISL_525243|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-17079/2020|2020-12-14|EPI_ISL_750745|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/NPHL-1168/2020|2020-06-27|EPI_ISL_561212|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/QEUEH-B12880/2020|2020-11-02|EPI_ISL_642337|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-B026/2020|2020-10-24|EPI_ISL_718222|Original|hCoV-19^^Sarawak|Human|Borneo Medical Centre|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/Wales/PHWC-16F37E/2020|2020-10-04|EPI_ISL_585953|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-23410/2020|2020-08-10|EPI_ISL_576447|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/UT-EMC-183/2020|2020-10-28|EPI_ISL_722562|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-7906/2020|2020-08-00|EPI_ISL_687007|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-3150/2020|2020-08-31|EPI_ISL_615970|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7B2D3/2020|2020-10-14|EPI_ISL_607582|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/LEV-0409294/2020|2020-04-09|EPI_ISL_464088|Original|hCoV-19^^Zolder|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/BRIS-12B53C/2020|2020-05-21|EPI_ISL_487587|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200645/2020|2020-06-12|EPI_ISL_631414|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUEH-AAC7AD/2020|2020-10-21|EPI_ISL_652871|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-D0F84/2020|2020-03-21|EPI_ISL_432621|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/CVR5256/2020|2020-10-19|EPI_ISL_627418|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-S2661/2020|2020-06-20|EPI_ISL_497293|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/VA-DCLS-1619/2020|2020-08-20|EPI_ISL_614026|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-19395/2020|2020-12-07|EPI_ISL_748924|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SH-ETHZ-380211/2020|2020-11-23|EPI_ISL_721860|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUEH-9DD4E9/2020|2020-09-22|EPI_ISL_599723|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3870/2020|2020-05-25|EPI_ISL_484664|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-B94121/2020|2020-11-13|EPI_ISL_676143|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Overijssel_30/2020|2020-03-22|EPI_ISL_460820|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-4949B7/2020|2020-11-21|EPI_ISL_726198|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B10FE7/2020|2020-11-03|EPI_ISL_641983|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BF0B16/2020|2020-12-05|EPI_ISL_709161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-282F9E/2020|2020-03-30|EPI_ISL_472237|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F6ECE/2020|2020-09-27|EPI_ISL_595643|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3999E/2020|2020-12-08|EPI_ISL_767164|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D513/2020|2020-05-04|EPI_ISL_472732|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15484/2020|2020-10-24|EPI_ISL_786968|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C3485/2020|2020-03-31|EPI_ISL_432772|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Chile/LI-1-4/2020|2020-08-03|EPI_ISL_755303|Original|hCoV-19^^O'Higgins|Human|Laboratorio de Bioingenier\u00eda|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/England/MILK-B55A21/2020|2020-11-05|EPI_ISL_657385|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11654/2020|2020-07-22|EPI_ISL_563448|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4A3584/2020|2020-12-14|EPI_ISL_744113|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7871/2020|2020-10-26|EPI_ISL_618811|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-B1E2C2/2020|2020-11-01|EPI_ISL_710959|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6449164/2020|2020-10-19|EPI_ISL_744416|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC5139/2020|2020-07-18|EPI_ISL_519942|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-16201/2020|2020-10-29|EPI_ISL_785885|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-EC750/2020|2020-05-11|EPI_ISL_457558|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Finland/17A93S13/2020|2020-04-17|EPI_ISL_481594|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-C4811C/2020|2020-12-12|EPI_ISL_718674|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A282/2020|2020-04-06|EPI_ISL_445545|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/India/MP-DRDE-4096/2020|2020-05-17|EPI_ISL_476891|Original|hCoV-19^^Madhya Pradesh|Human|Defence Research & Development Establishment (DRDE)|Defence Research & Development Establishment (DRDE)|Dash|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-19045/2020|2020-11-23|EPI_ISL_783597|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-A9F9B6/2020|2020-10-20|EPI_ISL_652690|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19842/2020|2020-12-07|EPI_ISL_747546|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/3102/2020|2020-08-04|EPI_ISL_549126|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/CA-CZB-12309/2020|2020-10-07|EPI_ISL_648395|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/204221506/2020|2020-00-00|EPI_ISL_593833|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48CD5C/2020|2020-11-08|EPI_ISL_666535|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21487/2020|2020-07-24|EPI_ISL_516214|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/France/ARA-36541/2020|2020-05-11|EPI_ISL_636484|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/MILK-970406/2020|2020-08-17|EPI_ISL_553119|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2D51D/2020|2020-04-04|EPI_ISL_445995|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14137/2020|2020-05-25|EPI_ISL_739268|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-47E90E/2020|2020-10-11|EPI_ISL_595521|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EC87B/2020|2020-05-13|EPI_ISL_457567|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-561/2020|2020-03-27|EPI_ISL_447496|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Denmark/DCGC-10209/2020|2020-11-09|EPI_ISL_669456|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AC929A/2020|2020-10-21|EPI_ISL_629416|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3158/2020|2020-03-23|EPI_ISL_579448|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-HMH-MCoV-10009/2020|2020-07-06|EPI_ISL_789283|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Guangzhou/GZMU0074/2020|2020-02-11|EPI_ISL_457687|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spike|hCoV-19/USA/WA-S2219/2020|2020-06-08|EPI_ISL_497647|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-ACE365/2020|2020-10-21|EPI_ISL_629113|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15279/2020|2020-11-23|EPI_ISL_713739|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC109/2020|2020-03-18|EPI_ISL_419718|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Switzerland/GE-HUG-3144/2020|2020-03-18|EPI_ISL_429196|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/England/20134003304/2020|2020-03-24|EPI_ISL_423058|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10143/2020|2020-06-16|EPI_ISL_672230|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-A47FE8/2020|2020-10-06|EPI_ISL_598513|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-1109/2020|2020-03-19|EPI_ISL_571838|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/United Arab Emirates/0659/2020|2020-05-16|EPI_ISL_698813|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUEH-B0EAE8/2020|2020-11-02|EPI_ISL_642106|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5E07/2020|2020-08-29|EPI_ISL_572968|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Panama/329728/2020|2020-03-14|EPI_ISL_496646|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-9CB220/2020|2020-09-16|EPI_ISL_575726|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5412/2020|2020-04-06|EPI_ISL_487804|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02828/2020|2020-10-21|EPI_ISL_765652|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Portugal/PT0749/2020|2020-03-22|EPI_ISL_511008|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC16678/2020|2020-08-03|EPI_ISL_641056|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-AF4D2C/2020|2020-10-30|EPI_ISL_676479|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8431/2020|2020-10-16|EPI_ISL_612357|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96BF3A/2020|2020-08-17|EPI_ISL_534689|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-998BF4/2020|2020-08-26|EPI_ISL_540056|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488594/2020|2020-10-28|EPI_ISL_639409|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3171/2020|2020-06-11|EPI_ISL_544047|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-2257/2020|2020-08-08|EPI_ISL_667162|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-A7C5E8/2020|2020-10-15|EPI_ISL_606501|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EADB1/2020|2020-09-24|EPI_ISL_579949|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1403/2020|2020-08-10|EPI_ISL_569152|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/CA-ALSR-5051/2020|2020-09-21|EPI_ISL_730318|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-5265/2020|2020-07-00|EPI_ISL_690368|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUI-9F5CF2/2020|2020-09-25|EPI_ISL_588354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012782986/2020|2020-09-22|EPI_ISL_745994|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/NS-NML-1256/2020|2020-04-06|EPI_ISL_579646|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/VIC13166/2020|2020-08-17|EPI_ISL_641105|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A4177D/2020|2020-10-07|EPI_ISL_609462|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2021/2020|2020-06-05|EPI_ISL_497449|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Slovenia/12886/2020|2020-03-25|EPI_ISL_635262|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/USA/TX-HMH0152/2020|2020-03-22|EPI_ISL_434851|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2AD90/2020|2020-04-05|EPI_ISL_432046|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1120/2020|2020-05-05|EPI_ISL_470800|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22706/2020|2020-12-10|EPI_ISL_767355|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Chile/RM-72433/2020|2020-05-23|EPI_ISL_746776|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/MILK-975489/2020|2020-08-21|EPI_ISL_552613|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4878E7/2020|2020-10-26|EPI_ISL_639251|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6295/2020|2020-05-04|EPI_ISL_527695|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-B06F7B/2020|2020-10-29|EPI_ISL_651049|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00883/2020|2020-04-14|EPI_ISL_791809|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-C8B5C6/2020|2020-12-16|EPI_ISL_756382|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/P_348r/2020|2020-06-00|EPI_ISL_509035|Original|hCoV-19^^Lodzkie|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/USA/UT-UPHL-2012750625/2020|2020-08-11|EPI_ISL_745929|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-BB3CA3/2020|2020-11-20|EPI_ISL_701978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0430/2020|2020-11-07|EPI_ISL_760214|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMC-A654B8/2020|2020-10-11|EPI_ISL_608463|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8EA6A/2020|2020-12-15|EPI_ISL_777144|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-0762/2020|2020-03-16|EPI_ISL_644410|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMB-8306F/2020|2020-04-13|EPI_ISL_443634|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1063/2020|2020-05-12|EPI_ISL_458052|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/QEUEH-9F8E62/2020|2020-09-27|EPI_ISL_588818|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8874B/2020|2020-12-17|EPI_ISL_762706|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205000701/2020|2020-12-00|EPI_ISL_710024|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Spain/CT-HUVH-VH5081/2020|2020-03-21|EPI_ISL_444981|Original|hCoV-19^^Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain

>Spike|hCoV-19/Japan/PG-7726/2020|2020-08-00|EPI_ISL_686828|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Gibraltar/204641717/2020|2020-00-00|EPI_ISL_637195|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-2B324/2020|2020-04-07|EPI_ISL_431907|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ACD57F/2020|2020-10-21|EPI_ISL_634325|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F68B/2020|2020-10-15|EPI_ISL_607814|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-282054-01/2020|2020-12-02|EPI_ISL_754395|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/NA_321/2020|2020-04-02|EPI_ISL_455126|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/VS-ETHZ-370489/2020|2020-11-17|EPI_ISL_693974|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/ON-S1574/2020|2020-09-01|EPI_ISL_755923|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Ireland/KE-NVRL-71IRL96376/2020|2020-08-01|EPI_ISL_525387|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/QEUH-A8C12D/2020|2020-10-16|EPI_ISL_649564|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-10167/2020|2020-00-00|EPI_ISL_547554|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-7775/2020|2020-10-19|EPI_ISL_618734|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-955540/2020|2020-06-12|EPI_ISL_553409|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-806/2020|2020-04-20|EPI_ISL_614707|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BS-UHB-42189866/2020|2020-03-13|EPI_ISL_528055|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUH-95E40E/2020|2020-08-10|EPI_ISL_536991|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A8951/2020|2020-09-01|EPI_ISL_549436|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-A83056/2020|2020-10-13|EPI_ISL_610716|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1751/2020|2020-06-20|EPI_ISL_710379|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001246/2020|2020-11-06|EPI_ISL_683838|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-2993/2020|2020-05-31|EPI_ISL_543917|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-991DC/2020|2020-04-07|EPI_ISL_439697|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Chile/AT-CMM-ATAC14/2020|2020-08-07|EPI_ISL_626560|Original|hCoV-19^^Atacama|Human|Laboratorio de Biología Molecular|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma Valdeavellanos|Chile

>Spike|hCoV-19/Denmark/DCGC-7039/2020|2020-10-12|EPI_ISL_619887|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8129/2020|2020-06-30|EPI_ISL_784219|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7236/2020|2020-08-00|EPI_ISL_688340|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B095FE/2020|2020-10-29|EPI_ISL_673179|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C3231F/2020|2020-12-11|EPI_ISL_782501|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11724/2020|2020-10-26|EPI_ISL_671095|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Turkey/HSGM-4701/2020|2020-03-17|EPI_ISL_429869|Original|hCoV-19^^Konya|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Denmark/DCGC-15893/2020|2020-11-23|EPI_ISL_714088|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC1138/2020|2020-04-08|EPI_ISL_430609|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-1372/2020|2020-04-00|EPI_ISL_684979|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-22839/2020|2020-08-05|EPI_ISL_570723|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-A33608/2020|2020-10-05|EPI_ISL_626680|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168CE3/2020|2020-05-19|EPI_ISL_494354|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3723/2020|2020-04-00|EPI_ISL_691976|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-993C23/2020|2020-08-27|EPI_ISL_552303|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1866/2020|2020-09-24|EPI_ISL_603001|Original|hCoV-19^^Minnesota|Human|Sanford South University Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-A458B2/2020|2020-10-06|EPI_ISL_598708|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-452-ngs/2020|2020-12-27|EPI_ISL_776807|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Australia/VIC604/2020|2020-03-26|EPI_ISL_426859|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-20856/2020|2020-12-21|EPI_ISL_759411|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11940/2020|2020-10-12|EPI_ISL_671226|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-03433/2020|2020-04-20|EPI_ISL_498662|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/ALDP-B83C24/2020|2020-11-14|EPI_ISL_675237|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AEDB1/2020|2020-05-11|EPI_ISL_452863|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1816/2020|2020-03-16|EPI_ISL_604140|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/RI-IBV-99010919/2020|2020-04-21|EPI_ISL_732759|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MN-MDH-1231/2020|2020-05-18|EPI_ISL_482952|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NOTT-1133B5/2020|2020-09-15|EPI_ISL_549380|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Belgium/FCA-0327348/2020|2020-03-27|EPI_ISL_462202|Original|hCoV-19^^Assebroek|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-2822/2020|2020-08-17|EPI_ISL_616458|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48B8C5/2020|2020-11-05|EPI_ISL_666296|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22657/2020|2020-12-07|EPI_ISL_757693|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-FAC6F/2020|2020-03-26|EPI_ISL_441770|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/BRIS-128E61/2020|2020-04-18|EPI_ISL_458910|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A35D6B/2020|2020-10-04|EPI_ISL_706891|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/EXET-138A3D/2020|2020-10-19|EPI_ISL_627432|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC16120/2020|2020-08-06|EPI_ISL_640846|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA_8932/2020|2020-03-05|EPI_ISL_424908|Original|hCoV-19^^Massachusetts|Human|MA State Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-24D2D/2020|2020-03-20|EPI_ISL_419503|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/QEUA-AE4AEC/2020|2020-10-27|EPI_ISL_647907|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E9665/2020|2020-04-22|EPI_ISL_448324|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Ireland/CO-NVRL-MPZ33926/2020|2020-04-11|EPI_ISL_767737|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Brazil/SP-L9-CD126/2020|2020-03-24|EPI_ISL_476475|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/SHEF-BFE06/2020|2020-03-17|EPI_ISL_418295|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0117/2020|2020-05-26|EPI_ISL_522850|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Wales/PHWC-27AF6/2020|2020-03-30|EPI_ISL_432121|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW993/2020|2020-07-23|EPI_ISL_591504|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/United Arab Emirates/skmc-3115511/2020|2020-08-28|EPI_ISL_582645|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/South Korea/KDCA0299/2020|2020-10-27|EPI_ISL_760093|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Wales/MILK-994C31/2020|2020-08-25|EPI_ISL_552191|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-6CE81F/2020|2020-07-02|EPI_ISL_556180|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B1E2A4/2020|2020-11-01|EPI_ISL_710952|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1402/2020|2020-04-06|EPI_ISL_511361|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Poland/Masovia-2772/2020|2020-05-16|EPI_ISL_754903|Original|hCoV-19^^Masovia|Human|Laboratory Diagnostics and Clinical Immunology of Developmental Age|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/Portugal/PT0082/2020|2020-03-22|EPI_ISL_421485|Original|hCoV-19^^Portugal|Human|CH Barreiro Montijo|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/France/ARA-107421/2020|2020-11-16|EPI_ISL_728311|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/WI-GMF-32409/2020|2020-11-09|EPI_ISL_661145|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/LA-EVTL1081/2020|2020-11-28|EPI_ISL_768351|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MI-QDX-2199/2020|2020-03-13|EPI_ISL_604537|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-950A0A/2020|2020-06-14|EPI_ISL_554569|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002298/2020|2020-07-23|EPI_ISL_515675|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Ireland/WW-NVRL-MPN63349/2020|2020-04-04|EPI_ISL_767838|Original|hCoV-19^^Wicklow|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/QEUH-BC3FA7/2020|2020-11-24|EPI_ISL_703641|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-340167/2020|2020-10-28|EPI_ISL_721938|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/OR-ILSCV27412/2020|2020-05-21|EPI_ISL_463091|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/QEUEH-C3408F/2020|2020-12-11|EPI_ISL_733925|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8453/2020|2020-07-01|EPI_ISL_780471|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7707/2020|2020-08-00|EPI_ISL_686809|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Rwanda/NRLNAT1003/2020|2020-08-30|EPI_ISL_735437|Original|hCoV-19^^Rwanda|Human|Nucleic Acid Testing - Rwanda National Reference Laboratory|GIGA Medical Genomics|Butera|Rwanda

>Spike|hCoV-19/USA/WA-S1671/2020|2020-05-30|EPI_ISL_496097|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/NORW-E6F21/2020|2020-00-00|EPI_ISL_448993|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/CVR5722/2020|2020-11-09|EPI_ISL_651496|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-BC633F/2020|2020-11-20|EPI_ISL_721332|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12F231/2020|2020-04-13|EPI_ISL_488359|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22403/2020|2020-11-18|EPI_ISL_708236|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Northern Ireland/NIRE-10923D/2020|2020-10-21|EPI_ISL_652323|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-950C6E/2020|2020-06-14|EPI_ISL_554331|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-18536E3/2020|2020-04-14|EPI_ISL_492366|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-172C22/2020|2020-04-06|EPI_ISL_459134|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0171/2020|2020-04-02|EPI_ISL_480822|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LIVE-A9E87/2020|2020-07-22|EPI_ISL_517372|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20102112102/2020|2020-03-02|EPI_ISL_417218|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CE8A3/2020|2020-09-17|EPI_ISL_590153|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-5574FA/2020|2020-05-11|EPI_ISL_532245|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5798/2020|2020-11-11|EPI_ISL_680448|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1309/2020|2020-05-06|EPI_ISL_468350|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/MILK-B599A8/2020|2020-11-06|EPI_ISL_679892|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21113/2020|2020-03-30|EPI_ISL_507889|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12182/2020|2020-09-23|EPI_ISL_790236|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22385/2020|2020-11-13|EPI_ISL_708365|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-B75C52/2020|2020-11-12|EPI_ISL_723688|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-34/2020|2020-10-08|EPI_ISL_682341|Original|hCoV-19^^Free State|Human|NHLs Universitas Academic|UFS Virology|Bester|South Africa

>Spike|hCoV-19/England/ALDP-9CBACE/2020|2020-09-16|EPI_ISL_575641|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204240984/2020|2020-10-12|EPI_ISL_622851|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/NE-ETHZ-360250/2020|2020-11-09|EPI_ISL_729243|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL738/2020|2020-07-17|EPI_ISL_653429|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-AA0E3B/2020|2020-10-22|EPI_ISL_624046|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B25125/2020|2020-11-04|EPI_ISL_646695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008822/2020|2020-05-29|EPI_ISL_524843|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-BDC1B4/2020|2020-11-26|EPI_ISL_709581|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1093-SAN/2020|2020-06-18|EPI_ISL_483520|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20163/2020|2020-11-29|EPI_ISL_723330|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-B3F3AA/2020|2020-11-08|EPI_ISL_658606|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6937/2020|2020-07-23|EPI_ISL_564154|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B7429/2020|2020-00-00|EPI_ISL_638139|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F1BDB/2020|2020-09-24|EPI_ISL_589584|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0139/2020|2020-03-06|EPI_ISL_480790|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-9BDA0B/2020|2020-09-09|EPI_ISL_568167|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC277/2020|2020-03-22|EPI_ISL_419970|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15666/2020|2020-11-23|EPI_ISL_713951|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00394/2020|2020-04-30|EPI_ISL_693151|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/QEUA-B10819/2020|2020-11-02|EPI_ISL_641866|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00732/2020|2020-04-09|EPI_ISL_791732|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/201421465/2020|2020-03-30|EPI_ISL_465968|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10698/2020|2020-06-10|EPI_ISL_570354|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/AZ-TG366775/2020|2020-06-05|EPI_ISL_694515|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-BB2424/2020|2020-11-18|EPI_ISL_720260|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_658/2020|2020-00-00|EPI_ISL_461093|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-939CC5/2020|2020-06-21|EPI_ISL_552928|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9846EB/2020|2020-07-28|EPI_ISL_529565|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9E428B/2020|2020-09-23|EPI_ISL_600961|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0679/2020|2020-05-15|EPI_ISL_698832|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/LIVE-9A00B/2020|2020-04-14|EPI_ISL_449330|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9701E1/2020|2020-08-17|EPI_ISL_553265|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1250DE7/2020|2020-11-12|EPI_ISL_665816|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00287/2020|2020-04-01|EPI_ISL_460234|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-120019/2020|2020-04-17|EPI_ISL_468216|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-639D2F/2020|2020-07-04|EPI_ISL_557771|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A1076/2020|2020-11-24|EPI_ISL_743614|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7D65D/2020|2020-10-12|EPI_ISL_606296|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1501/2020|2020-07-23|EPI_ISL_568599|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-1701/2020|2020-04-22|EPI_ISL_496362|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Equatorial Guinea/11727/2020|2020-05-27|EPI_ISL_648309|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/England/EXET-13803B/2020|2020-09-25|EPI_ISL_612376|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-2704/2020|2020-03-14|EPI_ISL_605026|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MA-QDX-1495/2020|2020-03-17|EPI_ISL_603831|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/VC-FISABIO-103/2020|2020-03-18|EPI_ISL_436198|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/ALDP-987721/2020|2020-08-08|EPI_ISL_529380|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21265/2020|2020-04-03|EPI_ISL_507520|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/AG-HUG-7120/2020|2020-02-29|EPI_ISL_415457|Original|hCoV-19^^Aargau|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/USA/CA-LACPHL-AE00034/2020|2020-04-17|EPI_ISL_708726|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/Wales/PHWC-26013/2020|2020-03-25|EPI_ISL_422078|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A6A27D/2020|2020-10-08|EPI_ISL_626906|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1649/2020|2020-09-09|EPI_ISL_605523|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-33848/2020|2020-04-17|EPI_ISL_446756|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-MPS28761/2020|2020-04-25|EPI_ISL_671341|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Denmark/DCGC-7737/2020|2020-10-19|EPI_ISL_618700|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B217DC/2020|2020-11-03|EPI_ISL_647137|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-5E7A4/2020|2020-03-24|EPI_ISL_444302|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008720/2020|2020-10-16|EPI_ISL_654276|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-9E3EC4/2020|2020-09-24|EPI_ISL_579789|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2020/2020|2020-03-24|EPI_ISL_485974|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC139/2020|2020-03-15|EPI_ISL_419836|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-MAYO9/2020|2020-03-23|EPI_ISL_501165|Original|hCoV-19^^Wisconsin|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Portugal/PT1124/2020|2020-03-25|EPI_ISL_511671|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-7489/2020|2020-08-00|EPI_ISL_688591|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MASPHL-00228/2020|2020-04-15|EPI_ISL_791674|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-32937/2020|2020-04-15|EPI_ISL_474369|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6535/2020|2020-06-27|EPI_ISL_546064|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20381/2020|2020-12-07|EPI_ISL_728601|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Taiwan/TSGH-03/2020|2020-03-17|EPI_ISL_426631|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/India/MH-NIV-211414/2020|2020-09-14|EPI_ISL_577705|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Japan/PG-0604/2020|2020-04-00|EPI_ISL_684214|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/ARA-SC377/2020|2020-03-11|EPI_ISL_645188|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/WI-GMF-20276/2020|2020-09-14|EPI_ISL_547861|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/TX-HMH0195/2020|2020-03-23|EPI_ISL_434870|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Panama/334647/2020|2020-03-31|EPI_ISL_496789|Original|hCoV-19^^Cocle|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Northern Ireland/NIRE-FB3F0/2020|2020-03-16|EPI_ISL_441419|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1441/2020|2020-09-11|EPI_ISL_541573|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Norway/6252/2020|2020-11-25|EPI_ISL_775369|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/MA-MASPHL-00959/2020|2020-10-31|EPI_ISL_692812|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/GSTT-265E210/2020|2020-03-31|EPI_ISL_484171|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Canada/BC_02472119/2020|2020-04-00|EPI_ISL_466722|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/UT-UPHL-2009548/2020|2020-07-19|EPI_ISL_605228|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NY-Wadsworth-34012-01/2020|2020-03-30|EPI_ISL_676656|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Scotland/QEUH-990673/2020|2020-08-30|EPI_ISL_568292|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB49E6/2020|2020-12-19|EPI_ISL_761169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_651/2020|2020-05-07|EPI_ISL_461086|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Russia/MOS-RII-MH3406S/2020|2020-10-07|EPI_ISL_733134|Original|hCoV-19^^Moscow Region|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMB-1B13C8/2020|2020-05-08|EPI_ISL_458576|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B6299D/2020|2020-11-09|EPI_ISL_656491|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20146062804/2020|2020-03-31|EPI_ISL_421991|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Italy/APU-UniMI-804/2020|2020-03-20|EPI_ISL_469019|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics)|Chiara|Italy

>Spike|hCoV-19/USA/WI-UW-209/2020|2020-03-25|EPI_ISL_428305|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/New Zealand/20CV0292/2020|2020-03-26|EPI_ISL_579082|Original|hCoV-19^^Auckland|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-9BDFFD/2020|2020-09-09|EPI_ISL_567946|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4202/2020|2020-07-00|EPI_ISL_692440|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-928B71/2020|2020-06-22|EPI_ISL_552980|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0E623/2020|2020-11-01|EPI_ISL_642074|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A512E2/2020|2020-10-08|EPI_ISL_598164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-547378/2020|2020-05-14|EPI_ISL_533409|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22664/2020|2020-11-10|EPI_ISL_737278|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LOND-124DB4D/2020|2020-00-00|EPI_ISL_584643|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2193/2020|2020-07-23|EPI_ISL_666815|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-5326/2020|2020-06-25|EPI_ISL_544683|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/TG-CCMB-AB443/2020|2020-08-14|EPI_ISL_539627|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Wales/PHWC-16C292/2020|2020-09-25|EPI_ISL_574032|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1481/2020|2020-03-19|EPI_ISL_511440|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUEH-A8A7A5/2020|2020-10-16|EPI_ISL_638844|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48DF55/2020|2020-11-09|EPI_ISL_680782|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4525/2020|2020-09-21|EPI_ISL_621321|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/SC_3570/2020|2020-03-07|EPI_ISL_424903|Original|hCoV-19^^South Carolina|Human|SC Dept of Health and Env. Control-Bureau of Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/IA-GMF-08606/2020|2020-06-29|EPI_ISL_489896|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/SHEF-C6385/2020|2020-09-19|EPI_ISL_585025|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Portugal/PT0599/2020|2020-03-28|EPI_ISL_454322|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B86007/2020|2020-11-13|EPI_ISL_673976|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-80E68/2020|2020-04-17|EPI_ISL_444436|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-138/2020|2020-03-16|EPI_ISL_467813|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-AD334F/2020|2020-10-26|EPI_ISL_633936|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15961/2020|2020-07-10|EPI_ISL_785645|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9EAE18/2020|2020-09-24|EPI_ISL_579957|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B087/2020|2020-04-07|EPI_ISL_432305|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC10773/2020|2020-08-31|EPI_ISL_563082|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7719/2020|2020-06-26|EPI_ISL_545600|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16B011/2020|2020-09-16|EPI_ISL_560232|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9986C6/2020|2020-08-24|EPI_ISL_540048|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B7584F/2020|2020-11-12|EPI_ISL_740927|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DB12/2020|2020-12-09|EPI_ISL_742876|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR1197/2020|2020-03-30|EPI_ISL_438773|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11252/2020|2020-11-02|EPI_ISL_670794|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/OCC-SC425/2020|2020-04-13|EPI_ISL_660665|Original|hCoV-19^^Occitanie|Human|CHU Toulouse|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-11942/2020|2020-09-17|EPI_ISL_790141|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1495/2020|2020-04-02|EPI_ISL_433601|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORW-EFFEC/2020|2020-10-09|EPI_ISL_595169|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496250/2020|2020-11-25|EPI_ISL_726552|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-95F582/2020|2020-08-06|EPI_ISL_532437|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14989/2020|2020-08-18|EPI_ISL_593094|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BB945A/2020|2020-11-20|EPI_ISL_703160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16380/2020|2020-11-16|EPI_ISL_714230|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2B069/2020|2020-04-08|EPI_ISL_432058|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ACDB6E/2020|2020-10-20|EPI_ISL_630131|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0048/2020|2020-04-04|EPI_ISL_464014|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUEH-AEFFC4/2020|2020-10-29|EPI_ISL_662886|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-74C001/2020|2020-06-29|EPI_ISL_557540|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-538/2020|2020-09-16|EPI_ISL_577966|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Italy/EMR-AMVRC-206/2020|2020-02-22|EPI_ISL_457699|Vero E6|hCoV-19^^Emilia-Romagna|Human|Department of Infectious Diseases|Army Medical and Veterinary Research Center|Lista|Italy

>Spike|hCoV-19/England/ALDP-9BC6AE/2020|2020-09-09|EPI_ISL_567897|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002556/2020|2020-07-29|EPI_ISL_535425|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MI-UM-10036741616/2020|2020-11-02|EPI_ISL_682165|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMB-7C96E/2020|2020-04-06|EPI_ISL_442120|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21092/2020|2020-12-21|EPI_ISL_759549|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-122562/2020|2020-04-04|EPI_ISL_440629|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B32C24/2020|2020-11-05|EPI_ISL_659423|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F1DCF/2020|2020-10-19|EPI_ISL_627637|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-8698/2020|2020-08-00|EPI_ISL_686294|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUEH-96E16E/2020|2020-08-20|EPI_ISL_530488|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-997/2020|2020-03-14|EPI_ISL_571794|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/205260472/2020|2020-12-19|EPI_ISL_754323|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TN-CDC-2-3693660/2020|2020-11-06|EPI_ISL_747062|Original|hCoV-19^^Tennessee|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/USA/WA-S1357/2020|2020-05-17|EPI_ISL_495807|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A6888C/2020|2020-10-12|EPI_ISL_608376|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F957B/2020|2020-09-25|EPI_ISL_589145|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8378/2020|2020-10-14|EPI_ISL_612349|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Japan/PG-2586/2020|2020-04-00|EPI_ISL_690720|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-546713/2020|2020-05-14|EPI_ISL_533380|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4603/2020|2020-09-21|EPI_ISL_621272|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4808A2/2020|2020-10-22|EPI_ISL_612943|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15465/2020|2020-10-24|EPI_ISL_786949|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Colombia/NAR-INS-94679/2020|2020-03-30|EPI_ISL_498162|Original|hCoV-19^^Narino|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/USA/CO-CSU-E0983-3/2020|2020-04-22|EPI_ISL_527485|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Denmark/DCGC-5277/2020|2020-09-14|EPI_ISL_615208|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1255/2020|2020-08-20|EPI_ISL_536628|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/AZ-WL-CVG00007/2020|2020-10-05|EPI_ISL_765943|Original|hCoV-19^^Arizona|Human|Worobey Lab|Worobey Lab|Larsen|USA

>Spike|hCoV-19/England/MILK-A1885E/2020|2020-10-03|EPI_ISL_612457|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-1B592C/2020|2020-07-27|EPI_ISL_514445|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15150/2020|2020-11-23|EPI_ISL_713661|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B367D4/2020|2020-11-05|EPI_ISL_645242|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15567/2020|2020-07-31|EPI_ISL_593361|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-IBV-99007342/2020|2020-08-25|EPI_ISL_582826|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañ\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/France/ARA-18437/2020|2020-04-02|EPI_ISL_508968|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Bourg en Bresse|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/TX-HMH046/2020|2020-03-14|EPI_ISL_434755|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A2F3AE/2020|2020-10-06|EPI_ISL_587281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10847/2020|2020-10-29|EPI_ISL_666882|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/C200045839/2020|2020-11-10|EPI_ISL_664084|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-1861/2020|2020-05-00|EPI_ISL_685467|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC20471/2020|2020-03-31|EPI_ISL_460010|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01782/2020|2020-07-00|EPI_ISL_636933|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-BB5342/2020|2020-11-20|EPI_ISL_701973|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3167/2020|2020-03-28|EPI_ISL_491007|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B84449/2020|2020-11-14|EPI_ISL_674470|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C59C/2020|2020-05-05|EPI_ISL_472508|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200330/2020|2020-04-20|EPI_ISL_578511|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/CA-IGI-0559/2020|2020-07-24|EPI_ISL_756334|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Scotland/QEUH-AAEF1C/2020|2020-10-22|EPI_ISL_624079|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DAE78A/2020|2020-10-23|EPI_ISL_637338|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0357/2020|2020-10-20|EPI_ISL_760142|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV1332v1/2020|2020-11-02|EPI_ISL_768785|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/WI-UW-310/2020|2020-04-15|EPI_ISL_436604|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/LIVE-9F5DA/2020|2020-05-13|EPI_ISL_457267|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW23/2020|2020-03-06|EPI_ISL_414592|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-9B92DA/2020|2020-09-07|EPI_ISL_549626|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6628/2020|2020-07-19|EPI_ISL_521388|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC1891/2020|2020-05-30|EPI_ISL_480641|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2083/2020|2020-06-06|EPI_ISL_497511|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/QEUEH-A61416/2020|2020-10-13|EPI_ISL_666086|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200594/2020|2020-04-22|EPI_ISL_631396|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/NORT-29DEDF/2020|2020-05-06|EPI_ISL_493500|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-107518/2020|2020-03-30|EPI_ISL_585163|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4043/2020|2020-09-14|EPI_ISL_615817|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-95E18F/2020|2020-08-07|EPI_ISL_534431|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6A022/2020|2020-11-09|EPI_ISL_679014|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9600F6/2020|2020-08-06|EPI_ISL_531873|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-ACE84/2020|2020-04-05|EPI_ISL_448543|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB9430/2020|2020-10-31|EPI_ISL_680524|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BEC3/2020|2020-11-05|EPI_ISL_666366|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27962/2020|2020-03-01|EPI_ISL_431919|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-202/2020|2020-05-14|EPI_ISL_523184|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/GSTT-5326/2020|2020-03-19|EPI_ISL_560671|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008561/2020|2020-09-21|EPI_ISL_654101|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-47DE79/2020|2020-10-10|EPI_ISL_595372|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13777/2020|2020-09-22|EPI_ISL_738767|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-15D364/2020|2020-03-27|EPI_ISL_472706|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7CC1A/2020|2020-04-05|EPI_ISL_442135|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13569/2020|2020-11-30|EPI_ISL_712881|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3830/2020|2020-07-00|EPI_ISL_692081|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC15280/2020|2020-08-04|EPI_ISL_593232|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-C01B6C/2020|2020-12-05|EPI_ISL_757266|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-941A75/2020|2020-07-25|EPI_ISL_556855|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8547/2020|2020-08-17|EPI_ISL_565084|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC13959/2020|2020-09-18|EPI_ISL_563893|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C3BB78/2020|2020-12-10|EPI_ISL_731744|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-nimh-11068/2020|2020-05-04|EPI_ISL_515945|Original|hCoV-19^^Karnataka|Human|DH|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/England/ALDP-A502D4/2020|2020-10-07|EPI_ISL_597829|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B72BFB/2020|2020-12-07|EPI_ISL_724917|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-B1452D/2020|2020-11-03|EPI_ISL_642755|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-UNM-IBL028/2020|2020-03-15|EPI_ISL_632871|Original|hCoV-19^^Idaho|Human|Idaho Bureau of Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/OR-OHSU-2864/2020|2020-09-03|EPI_ISL_667367|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Ireland/LK-NVRL-72IRL34726/2020|2020-08-15|EPI_ISL_578310|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/UT-08529/2020|2020-05-18|EPI_ISL_524292|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB6176/2020|2020-05-16|EPI_ISL_473902|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19803/2020|2020-12-07|EPI_ISL_747798|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Guangzhou/GZMU0052/2020|2020-01-29|EPI_ISL_429097|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spike|hCoV-19/England/QEUA-990549/2020|2020-08-26|EPI_ISL_530372|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6380/2020|2020-09-21|EPI_ISL_622280|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_165/2020|2020-03-21|EPI_ISL_422700|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B050B5/2020|2020-10-24|EPI_ISL_637539|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20506/2020|2020-12-07|EPI_ISL_728721|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-14073/2020|2020-11-30|EPI_ISL_711434|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-A0B84F/2020|2020-10-03|EPI_ISL_599413|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AS-IBV-98006610/2020|2020-03-13|EPI_ISL_654653|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-49AABE/2020|2020-12-03|EPI_ISL_727642|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Malaysia/IMR_WC9127/2020|2020-03-30|EPI_ISL_459956|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Northern Ireland/NIRE-2332C0/2020|2020-09-27|EPI_ISL_680276|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Scotland/EDB4885/2020|2020-05-13|EPI_ISL_453172|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10899/2020|2020-08-18|EPI_ISL_583129|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC13884/2020|2020-08-28|EPI_ISL_592339|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200477/2020|2020-08-11|EPI_ISL_753020|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/TX-HMH-3742/2020|2020-06-16|EPI_ISL_543154|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B8C0C5/2020|2020-11-13|EPI_ISL_674494|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D49F/2020|2020-12-10|EPI_ISL_742788|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD699/2020|2020-04-25|EPI_ISL_489435|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6271/2020|2020-10-05|EPI_ISL_620031|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S394/2020|2020-03-30|EPI_ISL_434154|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/OH-QDX-1392/2020|2020-03-17|EPI_ISL_572183|Original|hCoV-19^^Ohio|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-963F6F/2020|2020-08-12|EPI_ISL_536838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-200069/2020|2020-07-15|EPI_ISL_510750|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-10747/2020|2020-11-02|EPI_ISL_670180|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-QDX-222/2020|2020-04-10|EPI_ISL_498698|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/UT-UPHL-2008799/2020|2020-05-25|EPI_ISL_524825|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9D9966/2020|2020-09-18|EPI_ISL_576777|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2929/2020|2020-03-29|EPI_ISL_486053|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-3858/2020|2020-08-31|EPI_ISL_622738|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/HECH-259A2BF/2020|2020-06-02|EPI_ISL_488866|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7426149/2020|2020-12-22|EPI_ISL_771056|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Canada/QC-LSPQ-L00232003/2020|2020-03-22|EPI_ISL_535968|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Centre-de-la-Mauricie|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-A4FB82/2020|2020-10-07|EPI_ISL_597691|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/680/2020|2020-06-22|EPI_ISL_498578|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/QEUEH-B1245F/2020|2020-11-02|EPI_ISL_642502|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF625/2020|2020-10-23|EPI_ISL_630979|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20130064704/2020|2020-03-23|EPI_ISL_423652|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19247/2020|2020-12-07|EPI_ISL_748210|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012896384/2020|2020-08-12|EPI_ISL_745895|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-2F223/2020|2020-04-06|EPI_ISL_446220|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6342/2020|2020-07-25|EPI_ISL_518324|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Peru/LOR-INS-058/2020|2020-04-02|EPI_ISL_514317|Original|hCoV-19^^Loreto|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/Luxembourg/LNS2994623/2020|2020-10-29|EPI_ISL_740232|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S1885/2020|2020-05-28|EPI_ISL_496311|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-20277/2020|2020-11-30|EPI_ISL_747676|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CWAR-24FDB38/2020|2020-05-03|EPI_ISL_584483|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20070/2020|2020-03-24|EPI_ISL_437157|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUH-881BC2/2020|2020-07-25|EPI_ISL_532675|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/GES-8795/2020|2020-04-02|EPI_ISL_560628|Original|hCoV-19^^Grand-Est|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/CAMC-B380E6/2020|2020-11-05|EPI_ISL_658881|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139051704/2020|2020-03-27|EPI_ISL_420702|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0912/2020|2020-05-13|EPI_ISL_522784|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Belgium/regal-12141317/2020|2020-12-14|EPI_ISL_745222|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/AZ-TG502097/2020|2020-07-15|EPI_ISL_695279|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-961B21/2020|2020-08-03|EPI_ISL_537080|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00480/2020|2020-10-09|EPI_ISL_717875|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-BBB388/2020|2020-11-21|EPI_ISL_701879|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0422/2020|2020-05-25|EPI_ISL_509134|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-273/2020|2020-07-19|EPI_ISL_498273|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/NOTT-111D40/2020|2020-06-08|EPI_ISL_472402|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-C6448A/2020|2020-12-14|EPI_ISL_778423|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-185/2020|2020-06-18|EPI_ISL_699840|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUEH-54933A/2020|2020-05-13|EPI_ISL_533371|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2635/2020|2020-06-04|EPI_ISL_545442|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036475782/2020|2020-10-16|EPI_ISL_628817|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MN-MDH-2019/2020|2020-10-30|EPI_ISL_654700|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Portugal/PT1460/2020|2020-03-29|EPI_ISL_511419|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-22371/2020|2020-12-14|EPI_ISL_757521|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C57F98/2020|2020-12-14|EPI_ISL_736142|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-16138/2020|2020-12-01|EPI_ISL_738977|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-UW-21707/2020|2020-08-03|EPI_ISL_570990|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B94E66/2020|2020-11-13|EPI_ISL_676068|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163EF1/2020|2020-04-29|EPI_ISL_474101|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1694/2020|2020-06-15|EPI_ISL_708613|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMB-75EFD/2020|2020-03-30|EPI_ISL_438477|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2228/2020|2020-10-06|EPI_ISL_677631|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/BRIS-12FB27/2020|2020-04-03|EPI_ISL_488279|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B95D9/2020|2020-11-06|EPI_ISL_664570|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1200/2020|2020-04-02|EPI_ISL_579601|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/QEIH-AE2626/2020|2020-10-27|EPI_ISL_633660|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1526/2020|2020-09-14|EPI_ISL_541648|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/FL-BPHL-0743/2020|2020-06-19|EPI_ISL_512549|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-15CDA3/2020|2020-03-31|EPI_ISL_472619|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15400/2020|2020-11-30|EPI_ISL_739524|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Russia/CRIE145922/2020|2020-03-29|EPI_ISL_460604|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Spera
>nskaya|Russia

>Spike|hCoV-19/USA/WA-UW-2902/2020|2020-03-29|EPI_ISL_486046|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-16602/2020|2020-11-16|EPI_ISL_714863|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/WA409/2020|2020-05-25|EPI_ISL_672621|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/WI-WSLH-200458/2020|2020-05-18|EPI_ISL_578600|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/India/DL-IGIB11305034/2020|2020-08-00|EPI_ISL_751284|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/USA/CA-SEARCH-5562/2020|2020-11-18|EPI_ISL_755295|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Canada/ON-S1795/2020|2020-11-15|EPI_ISL_755790|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-A51288/2020|2020-10-07|EPI_ISL_597936|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9313/2020|2020-07-03|EPI_ISL_781055|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-C6F67A/2020|2020-12-13|EPI_ISL_778565|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24A58/2020|2020-11-04|EPI_ISL_647002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-32-7/2020|2020-08-15|EPI_ISL_577763|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/DL-MaxCov0041-CSIR-IGIB/2020|2020-05-01|EPI_ISL_459943|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/England/LOND-D5787/2020|2020-04-17|EPI_ISL_453462|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Singapore/1299/2020|2020-05-13|EPI_ISL_648784|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/CAMB-83A34/2020|2020-04-15|EPI_ISL_443593|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-193/2020|2020-05-01|EPI_ISL_523175|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Luxembourg/LNS0747135/2020|2020-11-01|EPI_ISL_739825|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Singapore/185/2020|2020-04-28|EPI_ISL_462303|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-2865/2020|2020-08-17|EPI_ISL_616559|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA97311/2020|2020-10-29|EPI_ISL_640010|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-4935/2020|2020-09-21|EPI_ISL_621473|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/skmc-227578/2020|2020-04-20|EPI_ISL_582636|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/Netherlands/ZuidHolland_81/2020|2020-03-27|EPI_ISL_422949|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYUMC544/2020|2020-03-30|EPI_ISL_444661|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1175/2020|2020-12-20|EPI_ISL_763250|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-2316/2020|2020-11-13|EPI_ISL_728082|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-1014/2020|2020-03-00|EPI_ISL_684624|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/CRIE7171114/2020|2020-08-24|EPI_ISL_610241|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Samo

>ilov|Russia
>Spike|hCoV-19/Japan/PG-8092/2020|2020-08-00|EPI_ISL_687191|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMB-7524C/2020|2020-03-12|EPI_ISL_440375|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-15528/2020|2020-11-23|EPI_ISL_713871|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Ireland/D-NVRL-MPB54775/2020|2020-04-11|EPI_ISL_767744|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spike|hCoV-19/USA/MI-MDHHS-SC21526/2020|2020-04-04|EPI_ISL_516253|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/ALDP-B5D889/2020|2020-11-08|EPI_ISL_704276|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/India/MH-ACTREC-634/2020|2020-09-12|EPI_ISL_700267|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Australia/VIC12193/2020|2020-07-28|EPI_ISL_591925|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Netherlands/NA_371/2020|2020-04-08|EPI_ISL_455174|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Wales/PHWC-35CFF/2020|2020-04-27|EPI_ISL_474557|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-B62A7C/2020|2020-11-09|EPI_ISL_656644|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-20761/2020|2020-12-21|EPI_ISL_759348|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-A691AE/2020|2020-10-12|EPI_ISL_608925|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/HECH-2599DBF/2020|2020-05-06|EPI_ISL_482104|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/NW-HHU-501/2020|2020-12-03|EPI_ISL_770749|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsselldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany
>Spike|hCoV-19/Denmark/DCGC-5039/2020|2020-09-21|EPI_ISL_621821|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Spain/AR-IBV-98008055/2020|2020-10-01|EPI_ISL_654448|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/Australia/VIC3638/2020|2020-07-07|EPI_ISL_520378|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-4A4486/2020|2020-12-16|EPI_ISL_764696|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Norway/CS-29/2020|2020-04-24|EPI_ISL_666610|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f0f8vestad|Norway

>Spike|hCoV-19/USA/TX-HMH-MCoV-19001/2020|2020-11-25|EPI_ISL_785275|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MD-HP12063/2020|2020-11-22|EPI_ISL_791395|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Denmark/DCGC-12673/2020|2020-11-16|EPI_ISL_682854|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18068/2020|2020-12-14|EPI_ISL_749286|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12B97C/2020|2020-05-18|EPI_ISL_469416|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC-0288/2020|2020-07-26|EPI_ISL_569993|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUEH-B3F4C5/2020|2020-11-08|EPI_ISL_658444|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20Z06935/2020|2020-04-17|EPI_ISL_681904|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Scotland/EDB3305/2020|2020-04-08|EPI_ISL_489049|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21174/2020|2020-12-21|EPI_ISL_759592|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1238/2020|2020-04-27|EPI_ISL_648655|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Wales/PHWC-4A60EA/2020|2020-12-16|EPI_ISL_764999|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7C1C5/2020|2020-11-13|EPI_ISL_668197|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2106/2020|2020-05-22|EPI_ISL_635349|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-270077/2020|2020-09-03|EPI_ISL_541479|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-GMF-02263/2020|2020-05-02|EPI_ISL_436896|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-A93C9B/2020|2020-10-19|EPI_ISL_611122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA22A5/2020|2020-11-18|EPI_ISL_719980|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0537/2020|2020-06-04|EPI_ISL_529084|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores,H.|USA

>Spike|hCoV-19/USA/UT-UPHL-03756/2020|2020-03-31|EPI_ISL_575106|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-22161/2020|2020-12-14|EPI_ISL_758593|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/GCVR-1714B2/2020|2020-03-29|EPI_ISL_489611|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EA7CB/2020|2020-05-17|EPI_ISL_461866|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-3120/2020|2020-03-00|EPI_ISL_691242|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-K003687/2020|2020-10-06|EPI_ISL_602869|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Russia/OMS-ORINFI-5900S/2020|2020-06-01|EPI_ISL_569772|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/VIC17132/2020|2020-08-03|EPI_ISL_663753|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S56/2020|2020-03-05|EPI_ISL_417109|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Northern Ireland/QEUA-95FADE/2020|2020-08-06|EPI_ISL_532451|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10FD63/2020|2020-04-08|EPI_ISL_441440|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL526/2020|2020-08-03|EPI_ISL_578930|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/South Africa/KRISP-0481/2020|2020-07-05|EPI_ISL_495560|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-1288/2020|2020-03-16|EPI_ISL_619556|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8861/2020|2020-07-23|EPI_ISL_565244|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7969/2020|2020-10-26|EPI_ISL_618905|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/StPetersburg-RII15675S/2020|2020-05-15|EPI_ISL_507272|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/WI-UW-719/2020|2020-06-29|EPI_ISL_491394|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-B0453F/2020|2020-10-24|EPI_ISL_652161|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Beijing/BJ1112/2020|2020-02-25|EPI_ISL_430737|Original|hCoV-19^^Beijing|Human|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China

>Spike|hCoV-19/England/QEUA-A79220/2020|2020-10-12|EPI_ISL_638790|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97010121/2020|2020-11-16|EPI_ISL_683609|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/NY-NYCPHL-000275/2020|2020-03-18|EPI_ISL_631801|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/WB-S4/2020|2020-03-27|EPI_ISL_455640|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/MILK-B56C75/2020|2020-11-04|EPI_ISL_656827|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D47D3/2020|2020-04-13|EPI_ISL_444155|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUA-9F8C3B/2020|2020-09-27|EPI_ISL_588926|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/337640/2020|2020-07-04|EPI_ISL_496862|Original|hCoV-19^^Chiriqui|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/CAMC-B5215C/2020|2020-11-08|EPI_ISL_658012|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-636/2020|2020-06-26|EPI_ISL_491329|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/UT-UPHL-2012798490/2020|2020-07-27|EPI_ISL_745503|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-C44875/2020|2020-12-10|EPI_ISL_719481|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8FCCDE/2020|2020-06-24|EPI_ISL_551466|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201100832/2020|2020-03-08|EPI_ISL_566049|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B2DEF9/2020|2020-11-04|EPI_ISL_659944|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C4BD1/2020|2020-09-11|EPI_ISL_567610|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01587/2020|2020-04-07|EPI_ISL_449830|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC12851/2020|2020-09-10|EPI_ISL_563601|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A3EE7/2020|2020-06-27|EPI_ISL_490395|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1147/2020|2020-12-09|EPI_ISL_768416|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-4739/2020|2020-07-00|EPI_ISL_689875|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8019/2020|2020-10-26|EPI_ISL_617131|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/205161239/2020|2020-12-16|EPI_ISL_766432|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-970336/2020|2020-08-17|EPI_ISL_553174|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F1F7E/2020|2020-10-19|EPI_ISL_627644|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A93ED1/2020|2020-10-19|EPI_ISL_611137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036485871/2020|2020-10-16|EPI_ISL_628828|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/VA-DCLS-0798/2020|2020-07-07|EPI_ISL_522809|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMC-B34DF2/2020|2020-11-05|EPI_ISL_659450|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Shangrao/JX105/2020|2020-01-26|EPI_ISL_421239|Original|hCoV-19^^Jiangxi|Human|Jiangxi Province Center for Disease Control and Prevention|Jiangxi Province Center for Disease Control and Prevention|Xiong|China

>Spike|hCoV-19/USA/MN-MDH-1185/2020|2020-05-20|EPI_ISL_477275|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-9E0629/2020|2020-09-21|EPI_ISL_601326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15333/2020|2020-08-03|EPI_ISL_593254|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB8972/2020|2020-10-30|EPI_ISL_652027|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE2D03/2020|2020-10-27|EPI_ISL_633444|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19348/2020|2020-12-07|EPI_ISL_748898|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/AG-ETHZ-100133/2020|2020-03-16|EPI_ISL_451717|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-QDX-359/2020|2020-03-22|EPI_ISL_571102|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-22148/2020|2020-12-14|EPI_ISL_758586|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-169A51/2020|2020-07-28|EPI_ISL_514570|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-95564D/2020|2020-06-14|EPI_ISL_554530|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F5A52/2020|2020-09-27|EPI_ISL_588432|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-207/2020|2020-04-07|EPI_ISL_527819|Original|hCoV-19^^Guayas|Human|Centro de Investigaciones|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/Netherlands/ZH-EMC-472/2020|2020-08-16|EPI_ISL_523808|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-48B91D/2020|2020-11-09|EPI_ISL_666300|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9F50BA/2020|2020-09-27|EPI_ISL_637807|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-C314E0/2020|2020-12-09|EPI_ISL_730723|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04314_2/2020|2020-05-15|EPI_ISL_591305|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-7C3CA/2020|2020-04-14|EPI_ISL_434038|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_111/2020|2020-05-22|EPI_ISL_460872|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-C7AE65/2020|2020-12-15|EPI_ISL_756704|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03087/2020|2020-05-04|EPI_ISL_560918|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC1801/2020|2020-05-28|EPI_ISL_480627|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2149/2020|2020-06-08|EPI_ISL_497577|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Luxembourg/LNS8330290/2020|2020-07-27|EPI_ISL_744719|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-21167/2020|2020-12-21|EPI_ISL_759587|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1396/2020|2020-03-28|EPI_ISL_507983|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC12229/2020|2020-07-24|EPI_ISL_640367|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/OXON-F41295/2020|2020-12-16|EPI_ISL_764563|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C3B0/2020|2020-05-07|EPI_ISL_472480|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FDE0/2020|2020-10-14|EPI_ISL_607186|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2CDFD/2020|2020-11-04|EPI_ISL_659802|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13549/2020|2020-09-15|EPI_ISL_563747|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-3579/2020|2020-06-15|EPI_ISL_543038|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0533/2020|2020-04-00|EPI_ISL_480191|Original|hCoV-19^^Kanto|Human|Ota Health Center Welfare Section|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-CB51CF/2020|2020-12-17|EPI_ISL_761872|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-7953F1/2020|2020-07-15|EPI_ISL_533140|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6B0E5/2020|2020-11-14|EPI_ISL_679121|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC99B1/2020|2020-12-23|EPI_ISL_781928|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0997/2020|2020-04-13|EPI_ISL_583841|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-B5C8E4/2020|2020-11-08|EPI_ISL_655962|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0901/2020|2020-08-20|EPI_ISL_681842|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|C\u00f4te d'Ivoire

>Spike|hCoV-19/England/QEUEH-B2CE90/2020|2020-11-04|EPI_ISL_659951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020616527/2020|2020-12-12|EPI_ISL_751819|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/USA/MI-UM-10036782661/2020|2020-11-04|EPI_ISL_707855|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMC-BBFEED/2020|2020-11-20|EPI_ISL_705053|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1450/2020|2020-09-11|EPI_ISL_541582|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-27B8A/2020|2020-04-01|EPI_ISL_432096|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-2225F8/2020|2020-12-20|EPI_ISL_741507|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160814/2020|2020-05-26|EPI_ISL_472981|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-0418422/2020|2020-04-18|EPI_ISL_476990|Original|hCoV-19^^Lummen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/LEED-2A9E0D/2020|2020-03-22|EPI_ISL_538965|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29AF0C/2020|2020-05-26|EPI_ISL_493488|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F5E8/2020|2020-11-10|EPI_ISL_681115|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15584/2020|2020-11-23|EPI_ISL_713908|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BL-ETHZ-380269/2020|2020-11-22|EPI_ISL_721780|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9888/2020|2020-07-06|EPI_ISL_780323|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-126AD8/2020|2020-04-09|EPI_ISL_459083|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-99009916/2020|2020-08-11|EPI_ISL_660313|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-0348/2020|2020-04-13|EPI_ISL_489757|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/IA-GMF-16252/2020|2020-08-20|EPI_ISL_547722|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/BRIS-185447F/2020|2020-04-29|EPI_ISL_492434|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2D692/2020|2020-04-04|EPI_ISL_446011|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Singapore/12Clin/2020|2020-02-28|EPI_ISL_418995|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/MI-UM-10036578598/2020|2020-10-22|EPI_ISL_640169|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Norway/5330/2020|2020-11-02|EPI_ISL_708061|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Japan/PG-7769/2020|2020-04-00|EPI_ISL_686871|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1165/2020|2020-05-05|EPI_ISL_476750|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/South Africa/KRISP-K000625/2020|2020-07-11|EPI_ISL_509277|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Switzerland/ZH-ETHZ-380220/2020|2020-11-23|EPI_ISL_721940|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-Wadsworth-233298-01/2020|2020-10-01|EPI_ISL_754529|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/PORT-2D206F/2020|2020-03-20|EPI_ISL_512411|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC14415/2020|2020-08-14|EPI_ISL_592491|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC10985/2020|2020-09-07|EPI_ISL_563183|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-21271/2020|2020-12-21|EPI_ISL_759646|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2A10D/2020|2020-04-04|EPI_ISL_432204|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-PV09139/2020|2020-03-20|EPI_ISL_422510|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/LIVE-A57CC/2020|2020-03-19|EPI_ISL_499866|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9A06/2020|2020-09-24|EPI_ISL_584278|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9FDE5E/2020|2020-10-01|EPI_ISL_587922|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG268183/2020|2020-03-17|EPI_ISL_426501|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|Lemmer|USA

>Spike|hCoV-19/USA/TX-HMH-3557/2020|2020-06-14|EPI_ISL_543019|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Equatorial Guinea/18828/2020|2020-06-14|EPI_ISL_648364|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/England/CAMB-1AE65C/2020|2020-04-27|EPI_ISL_459449|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15609/2020|2020-11-23|EPI_ISL_713428|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-636/2020|2020-03-25|EPI_ISL_515550|Original|hCoV-19^^S\u00e3o Paulo|Human|UPA Vila Santa Catarina|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-4197/2020|2020-09-14|EPI_ISL_622090|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A5713/2020|2020-12-16|EPI_ISL_764910|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/regal-11031205/2020|2020-11-03|EPI_ISL_735217|Original|hCoV-19^^Roeselare|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/WI-UW-2323/2020|2020-12-05|EPI_ISL_728089|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MI-UM-10036484001/2020|2020-10-16|EPI_ISL_628809|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-870CD2/2020|2020-07-15|EPI_ISL_557441|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10585/2020|2020-11-02|EPI_ISL_670070|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-970248/2020|2020-08-17|EPI_ISL_553155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1944/2020|2020-07-08|EPI_ISL_512249|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-495BDE/2020|2020-11-25|EPI_ISL_726453|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A9128C/2020|2020-10-16|EPI_ISL_638517|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-B1160F/2020|2020-11-02|EPI_ISL_642217|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010075/2020|2020-03-18|EPI_ISL_779761|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9dnico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-15065/2020|2020-10-16|EPI_ISL_786549|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-95FCF6/2020|2020-08-07|EPI_ISL_531889|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0743/2020|2020-04-21|EPI_ISL_583681|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Australia/VIC6026/2020|2020-07-24|EPI_ISL_518067|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200328/2020|2020-08-20|EPI_ISL_752886|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-5794/2020|2020-08-00|EPI_ISL_688913|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-3156/2020|2020-06-00|EPI_ISL_691276|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9563AF/2020|2020-06-08|EPI_ISL_554014|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1443-8219/2020|2020-06-25|EPI_ISL_753969|Original|hCoV-19^^Berlin|Human|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-CZB-2067/2020|2020-04-27|EPI_ISL_486310|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/ALDP-A9426B/2020|2020-10-20|EPI_ISL_624586|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2893/2020|2020-07-02|EPI_ISL_521724|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW552/2020|2020-05-13|EPI_ISL_455091|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/New Zealand/20VR1499/2020|2020-03-22|EPI_ISL_456221|Original|hCoV-19^^Bay of Plenty|Human|PathLab Bay of Plenty|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/England/QEUA-B135C4/2020|2020-11-03|EPI_ISL_642344|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0244/2020|2020-04-06|EPI_ISL_509079|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Spain/MD-IBV-99009596/2020|2020-09-16|EPI_ISL_654348|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Bahrein/BAH-17/2020|2020-04-08|EPI_ISL_483558|Original|hCoV-19^^Bahrain|Human|Kingdom of Bahrain Ministry of Health|Erasmus Medical Center|Oude Munnink|Bahrain

>Spike|hCoV-19/Switzerland/VD-ETHZ-350338/2020|2020-11-03|EPI_ISL_728830|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL500/2020|2020-07-30|EPI_ISL_578904|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/LEED-2AA798/2020|2020-03-30|EPI_ISL_538944|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-1264/2020|2020-03-09|EPI_ISL_444836|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/NY-NYUMC920/2020|2020-03-18|EPI_ISL_467413|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/CAMC-AAF82F/2020|2020-10-21|EPI_ISL_634797|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-413/2020|2020-07-29|EPI_ISL_700062|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-9CB19C/2020|2020-09-16|EPI_ISL_575564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC8458/2020|2020-11-23|EPI_ISL_721441|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9B2839/2020|2020-09-05|EPI_ISL_566625|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/MA-ISPCH-3/2020|2020-03-17|EPI_ISL_445280|Original|hCoV-19^^Magallanes|Human|HOSPITAL REG.LAUTARO NAVARRO AVARIA|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Scotland/EDB227/2020|2020-03-26|EPI_ISL_425950|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12607/2020|2020-08-31|EPI_ISL_790416|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM94843102/2020|2020-12-08|EPI_ISL_753666|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/MD-HP00055/2020|2020-03-20|EPI_ISL_457798|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Spain/VC-FISABIO-5/2020|2020-02-27|EPI_ISL_416484|unknown|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Denmark/DCGC-7699/2020|2020-10-19|EPI_ISL_618563|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-497F85/2020|2020-11-30|EPI_ISL_727004|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AAD3A8/2020|2020-10-17|EPI_ISL_623895|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABB820/2020|2020-10-20|EPI_ISL_631162|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Estonia/ChVir4286/2020|2020-03-00|EPI_ISL_457725|Original|hCoV-19^^Estonia|Human|SYNLAB Eesti OU\u0308|Charite Universitatsmedizin Berlin|Muehlemann|Estonia

>Spike|hCoV-19/Wales/PHWC-166869/2020|2020-06-27|EPI_ISL_494050|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0105/2020|2020-03-00|EPI_ISL_684124|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9DC866/2020|2020-09-21|EPI_ISL_580930|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-250076/2020|2020-08-19|EPI_ISL_535599|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-3073/2020|2020-08-31|EPI_ISL_616853|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0492/2020|2020-07-07|EPI_ISL_498063|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC10608/2020|2020-08-04|EPI_ISL_562986|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2D0113/2020|2020-05-01|EPI_ISL_475256|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24DD2/2020|2020-03-21|EPI_ISL_420940|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20002508/2020|2020-02-10|EPI_ISL_413494|Original|hCoV-19^^Hong Kong|Human|Princess Margaret Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Scotland/EDB2534/2020|2020-04-24|EPI_ISL_439225|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497C42/2020|2020-11-25|EPI_ISL_726952|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204393754/2020|2020-10-24|EPI_ISL_649881|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-8732/2020|2020-08-00|EPI_ISL_686328|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B2F738/2020|2020-11-04|EPI_ISL_659970|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/421/2020|2020-03-19|EPI_ISL_424445|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/TX-HMH-MCoV-8190/2020|2020-07-07|EPI_ISL_784255|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-52714/2020|2020-08-27|EPI_ISL_615112|Original|hCoV-19^^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/India/MP-NCDC-4867/2020|2020-04-16|EPI_ISL_436458|Original|hCoV-19^^Madhya Pradesh|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Guangdong/20SF813/2020|2020-01-28|EPI_ISL_428476|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/Belgium/reg-10191298/2020|2020-10-19|EPI_ISL_735202|Original|hCoV-19^^Hannut|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/WI-UW-2408/2020|2020-12-04|EPI_ISL_754661|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Scotland/QEUH-9C927D/2020|2020-09-14|EPI_ISL_576077|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEACOE/2020|2020-10-26|EPI_ISL_633295|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-728/2020|2020-07-01|EPI_ISL_491403|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB19C/2020|2020-03-25|EPI_ISL_448943|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUH-9FA8AE/2020|2020-09-28|EPI_ISL_588103|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13125/2020|2020-11-30|EPI_ISL_712139|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9F772C/2020|2020-09-27|EPI_ISL_595698|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B76CE8/2020|2020-11-12|EPI_ISL_723804|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC731/2020|2020-03-30|EPI_ISL_427010|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Spain/VC-FISABIO-614/2020|2020-03-31|EPI_ISL_455732|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-13335/2020|2020-08-24|EPI_ISL_788483|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2764D/2020|2020-03-30|EPI_ISL_432211|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485281/2020|2020-10-24|EPI_ISL_627028|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5000/2020|2020-06-22|EPI_ISL_544448|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-2170/2020|2020-11-06|EPI_ISL_677199|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/OXON-B2999/2020|2020-04-08|EPI_ISL_534783|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-9EC12/2020|2020-04-03|EPI_ISL_453377|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20777/2020|2020-12-21|EPI_ISL_759356|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A957B6/2020|2020-10-20|EPI_ISL_624892|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A5DE5B/2020|2020-10-12|EPI_ISL_597429|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A29B6/2020|2020-12-10|EPI_ISL_743963|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2638/2020|2020-07-08|EPI_ISL_515040|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/20130071404/2020|2020-03-23|EPI_ISL_423659|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S2848/2020|2020-09-18|EPI_ISL_574690|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-7BC0C/2020|2020-04-05|EPI_ISL_442089|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Belgium/reg-0426605/2020|2020-04-26|EPI_ISL_734655|Original|hCoV-19^^Estaimbourg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Switzerland/VD-ETHZ-321366/2020|2020-10-13|EPI_ISL_603615|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL261/2020|2020-08-22|EPI_ISL_574395|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-A850CD/2020|2020-10-16|EPI_ISL_610554|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5489/2020|2020-07-20|EPI_ISL_520235|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-243895-01/2020|2020-10-12|EPI_ISL_734350|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-99C149/2020|2020-08-27|EPI_ISL_559785|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC5693/2020|2020-07-20|EPI_ISL_518499|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-787C60/2020|2020-07-15|EPI_ISL_533174|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-960ACB/2020|2020-08-04|EPI_ISL_531972|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-321092/2020|2020-10-14|EPI_ISL_737705|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL1168/2020|2020-12-10|EPI_ISL_768437|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-2848/2020|2020-05-00|EPI_ISL_690634|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-497BFA/2020|2020-11-24|EPI_ISL_726947|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15268/2020|2020-10-19|EPI_ISL_786752|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Chile/RM-82478/2020|2020-05-29|EPI_ISL_746792|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/WA-UW33/2020|2020-03-08|EPI_ISL_414620|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/France/PAC-IHU-0030/2020|2020-03-17|EPI_ISL_569256|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a0Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Australia/VIC2364/2020|2020-06-25|EPI_ISL_522084|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16A944/2020|2020-09-07|EPI_ISL_560128|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/TAS115/2020|2020-04-08|EPI_ISL_522581|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-125F43/2020|2020-03-30|EPI_ISL_443962|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC5074/2020|2020-07-17|EPI_ISL_519877|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A9277D/2020|2020-10-19|EPI_ISL_611050|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/494/2020|2020-03-20|EPI_ISL_424516|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Kenya/C2579/2020|2020-04-25|EPI_ISL_457882|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/MILK-9F086C/2020|2020-09-24|EPI_ISL_589609|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S442/2020|2020-03-26|EPI_ISL_434202|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-19011/2020|2020-12-07|EPI_ISL_748510|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-001587/2020|2020-03-12|EPI_ISL_467103|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Northern Ireland/NIRE-FC80F/2020|2020-04-21|EPI_ISL_459357|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-006352/2020|2020-05-14|EPI_ISL_510103|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-A0C583/2020|2020-09-30|EPI_ISL_584989|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-A585D3/2020|2020-10-07|EPI_ISL_596994|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-47422/2020|2020-12-11|EPI_ISL_776744|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/DRC/7200/2020|2020-05-13|EPI_ISL_514112|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/CAMB-77BC7/2020|2020-04-01|EPI_ISL_440832|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/NSW1373/2021|2021-01-01|EPI_ISL_767939|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Chile/RM-CMM-0000E/2020|2020-03-19|EPI_ISL_629026|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Centro de Biotecnolog\u00eda Vegetal|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/Jordan/AM-ALSR-3991/2020|2020-10-03|EPI_ISL_636354|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/NY-Wadsworth-199767-01/2020|2020-08-17|EPI_ISL_677048|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-9ED3BC/2020|2020-05-05|EPI_ISL_589333|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BE921B/2020|2020-12-03|EPI_ISL_708980|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4563/2020|2020-03-30|EPI_ISL_515271|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-9A91D0/2020|2020-08-31|EPI_ISL_551220|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09327/2020|2020-03-18|EPI_ISL_450016|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/QEUEH-B2DA31/2020|2020-11-03|EPI_ISL_646975|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482A8C/2020|2020-10-20|EPI_ISL_613263|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/WA49/2020|2020-03-31|EPI_ISL_470866|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/USA/MN-MDH-1940/2020|2020-09-22|EPI_ISL_613486|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/CAMC-BBCD2F/2020|2020-11-21|EPI_ISL_679277|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Finland/13M64/2020|2020-03-13|EPI_ISL_418394|Original|hCoV-19^^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/PORT-2D1BBA/2020|2020-04-02|EPI_ISL_507131|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/EDB6906/2020|2020-05-01|EPI_ISL_526512|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-690/2020|2020-09-24|EPI_ISL_700315|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Finland/24SS1E11/2020|2020-09-24|EPI_ISL_759830|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMB-1BB0D6/2020|2020-11-11|EPI_ISL_664551|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20747/2020|2020-04-30|EPI_ISL_471768|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-647D3D/2020|2020-07-04|EPI_ISL_558203|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1676/2020|2020-03-19|EPI_ISL_603925|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18333/2020|2020-11-18|EPI_ISL_784681|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-7003E2/2020|2020-06-29|EPI_ISL_557585|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A9F41F/2020|2020-10-20|EPI_ISL_611332|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN67-MDH67/2020|2020-03-14|EPI_ISL_419395|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/Spain/RI-IBV-99010969/2020|2020-11-05|EPI_ISL_732797|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/CVR2316/2020|2020-04-13|EPI_ISL_448178|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496A67/2020|2020-11-23|EPI_ISL_726677|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-19220/2020|2020-09-08|EPI_ISL_547794|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/TX-DSHS-1753/2020|2020-06-23|EPI_ISL_710401|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20144021704/2020|2020-03-29|EPI_ISL_465987|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-CA9902/2020|2020-12-17|EPI_ISL_762323|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-100062/2020|2020-03-12|EPI_ISL_466984|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-9C8038/2020|2020-09-11|EPI_ISL_567258|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0076/2020|2020-03-18|EPI_ISL_513487|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/TX-HMH-5471/2020|2020-06-26|EPI_ISL_544797|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/WA467/2020|2020-04-03|EPI_ISL_708761|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Scotland/QEUH-A4B6B2/2020|2020-10-08|EPI_ISL_628471|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-18532C1/2020|2020-04-02|EPI_ISL_492334|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uruguay/UY-NYUMC857/2020|2020-03-23|EPI_ISL_457953|Original|hCoV-19^^Montevideo|Human|Laboratorio de Biología Molecular Asociada España|Departments of Pathology and Medicine|Maurano|Uruguay

>Spike|hCoV-19/Denmark/DCGC-19407/2020|2020-12-07|EPI_ISL_748224|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-1700/2020|2020-03-20|EPI_ISL_424222|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Spain/NC-IBV-001390/2020|2020-03-17|EPI_ISL_452511|Original|hCoV-19^^Navarra|Human|Clínica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiología|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/ZH-EMC-467/2020|2020-08-17|EPI_ISL_523803|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-16837/2020|2020-12-14|EPI_ISL_750512|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-NMDOH-2020329076/2020|2020-09-04|EPI_ISL_644598|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/WI-UW-1812/2020|2020-09-09|EPI_ISL_605684|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-4326/2020|2020-07-00|EPI_ISL_692554|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A2E961/2020|2020-10-05|EPI_ISL_587302|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F1A29/2020|2020-09-23|EPI_ISL_600926|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01845/2020|2020-04-13|EPI_ISL_470687|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-B325DE/2020|2020-11-05|EPI_ISL_659203|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499FDE/2020|2020-11-26|EPI_ISL_727478|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A682F7/2020|2020-10-12|EPI_ISL_608904|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D174C/2020|2020-12-19|EPI_ISL_763429|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Senegal/9369/2020|2020-04-25|EPI_ISL_486863|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/USA/FL-BPHL-1585/2020|2020-03-21|EPI_ISL_568683|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/FL-BPHL-0652/2020|2020-04-06|EPI_ISL_508856|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-9F4B50/2020|2020-09-24|EPI_ISL_588439|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C7E02/2020|2020-09-11|EPI_ISL_567105|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1089/2020|2020-03-27|EPI_ISL_511636|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/20169005704/2020|2020-04-17|EPI_ISL_465183|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420644/2020|2020-12-23|EPI_ISL_768303|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/ALDP-C39A13/2020|2020-12-07|EPI_ISL_767180|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00168/2020|2020-04-03|EPI_ISL_791633|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-169602/2020|2020-07-15|EPI_ISL_512486|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-886/2020|2020-04-15|EPI_ISL_545899|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Beijing/DT-travelHU01/2020|2020-03-19|EPI_ISL_452349|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/France/OCC-40/2020|2020-06-11|EPI_ISL_593855|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/USA/MI-MDHHS-SC21545/2020|2020-03-20|EPI_ISL_516272|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-4A632D/2020|2020-12-16|EPI_ISL_763774|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC81/2020|2020-04-04|EPI_ISL_475697|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Latvia/164/2020|2020-09-09|EPI_ISL_639661|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/MILK-A7BF27/2020|2020-10-15|EPI_ISL_607435|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A8242E/2020|2020-10-10|EPI_ISL_610765|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-122508/2020|2020-04-04|EPI_ISL_440651|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B1BABE/2020|2020-11-01|EPI_ISL_645599|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14080/2020|2020-11-30|EPI_ISL_711553|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-C3A678/2020|2020-12-09|EPI_ISL_767260|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C067DC/2020|2020-12-02|EPI_ISL_709480|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-483B/2020|2020-00-00|EPI_ISL_561318|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Netherlands/ZH-EMC-1198/2020|2020-12-21|EPI_ISL_763271|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/NH-RIVM-20038/2020|2020-11-21|EPI_ISL_723231|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Uruguay/RIV-M40/2020|2020-05-21|EPI_ISL_748667|Original|hCoV-19^^Rivera|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/USA/OR-OHSU-1681/2020|2020-07-22|EPI_ISL_526002|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/NORW-F5271/2020|2020-11-16|EPI_ISL_725237|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012938614/2020|2020-08-17|EPI_ISL_745508|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-A41036/2020|2020-10-06|EPI_ISL_609411|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAC7E8/2020|2020-11-18|EPI_ISL_783130|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18981/2020|2020-12-07|EPI_ISL_748362|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/24LS6C12/2020|2020-10-24|EPI_ISL_759825|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-30D00/2020|2020-04-11|EPI_ISL_446352|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002790/2020|2020-08-23|EPI_ISL_529784|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-C78A54/2020|2020-12-15|EPI_ISL_757010|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D2B7/2020|2020-03-17|EPI_ISL_483935|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/CAMB-768C1/2020|2020-03-30|EPI_ISL_438443|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-AAB36E/2020|2020-10-21|EPI_ISL_651087|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB3318/2020|2020-04-08|EPI_ISL_487924|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2CFC8F/2020|2020-05-05|EPI_ISL_461983|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/DRC/7434/2020|2020-05-14|EPI_ISL_513621|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/20119056704/2020|2020-03-12|EPI_ISL_465078|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Panama/338477/2020|2020-04-09|EPI_ISL_496869|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/QEUH-B0E140/2020|2020-11-02|EPI_ISL_642026|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D267/2020|2020-03-31|EPI_ISL_472690|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-76102/2020|2020-03-30|EPI_ISL_439442|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4BCD/2020|2020-12-09|EPI_ISL_764773|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2984/2020|2020-07-05|EPI_ISL_521814|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-9BAEA8/2020|2020-09-09|EPI_ISL_573849|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/PORT-2D1868/2020|2020-04-12|EPI_ISL_484426|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Jordan/SEARCH-5433/2020|2020-09-09|EPI_ISL_755141|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Canada/ON-PHL-20-01817/2020|2020-04-00|EPI_ISL_639727|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Japan/PG-6017/2020|2020-07-00|EPI_ISL_689129|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9B4F41/2020|2020-09-07|EPI_ISL_590249|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C34F5/2020|2020-09-10|EPI_ISL_566915|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B7AF/2020|2020-05-19|EPI_ISL_487576|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129037802/2020|2020-03-20|EPI_ISL_424039|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28855/2020|2020-04-01|EPI_ISL_432035|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B81AFF/2020|2020-11-14|EPI_ISL_667915|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3314/2020|2020-08-31|EPI_ISL_616068|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204561483/2020|2020-11-04|EPI_ISL_678688|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0280/2020|2020-06-16|EPI_ISL_482867|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Switzerland/BE-ETHZ-410881/2020|2020-12-14|EPI_ISL_737521|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CO-CSU-D1990-2/2020|2020-04-08|EPI_ISL_527455|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Denmark/DCGC-7849/2020|2020-10-19|EPI_ISL_618752|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC6764/2020|2020-07-27|EPI_ISL_564040|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-95AE22/2020|2020-06-15|EPI_ISL_555592|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15742/2020|2020-07-10|EPI_ISL_785426|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Latvia/177/2020|2020-10-13|EPI_ISL_639674|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Spain/CL-IBV-97006273/2020|2020-04-21|EPI_ISL_537644|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORW-E9D60/2020|2020-05-01|EPI_ISL_448363|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-UW-13317/2020|2020-07-02|EPI_ISL_501137|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-ALSR-2728/2020|2020-07-22|EPI_ISL_635647|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MD-MDH-0245/2020|2020-10-02|EPI_ISL_602268|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/ALDP-A509B1/2020|2020-10-07|EPI_ISL_597851|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8330/2020|2020-09-29|EPI_ISL_612324|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH862/2020|2020-05-26|EPI_ISL_513197|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/NOTT-11AE08/2020|2020-11-08|EPI_ISL_652364|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2085/2020|2020-02-24|EPI_ISL_497986|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Finland/9LS11AH3/2020|2020-10-09|EPI_ISL_755945|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/WI-UW-781/2020|2020-07-05|EPI_ISL_495485|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Luxembourg/LNS8235233/2020|2020-11-29|EPI_ISL_744707|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/AZ-TG664253/2020|2020-04-28|EPI_ISL_696055|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-3793/2020|2020-05-00|EPI_ISL_692044|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-D094A/2020|2020-10-13|EPI_ISL_613398|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-1708/2020|2020-04-00|EPI_ISL_685314|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUE-B0E1C8/2020|2020-11-02|EPI_ISL_642175|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUE-A21324/2020|2020-10-01|EPI_ISL_587317|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A23EF4/2020|2020-10-04|EPI_ISL_650168|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A662/2020|2020-11-04|EPI_ISL_652581|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2D2111/2020|2020-03-21|EPI_ISL_611771|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-110037/2020|2020-04-01|EPI_ISL_486473|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC13660/2020|2020-08-21|EPI_ISL_563801|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-482372/2020|2020-10-21|EPI_ISL_611726|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C84E/2020|2020-11-10|EPI_ISL_655777|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_163/2020|2020-03-21|EPI_ISL_422698|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-990136/2020|2020-08-25|EPI_ISL_540121|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1153/2020|2020-05-02|EPI_ISL_476738|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-15D4E9/2020|2020-05-05|EPI_ISL_472729|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4547/2020|2020-07-11|EPI_ISL_518958|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-AEAB3E/2020|2020-10-26|EPI_ISL_633255|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1281/2020|2020-04-13|EPI_ISL_542628|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/NLE-UANL-7088/2020|2020-07-05|EPI_ISL_648609|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio de Infectolog\u00eda|Laboratorio de Infectolog\u00eda Molecular|Gal\u00e9n|Mexico

>Spike|hCoV-19/Japan/PG-3331/2020|2020-04-00|EPI_ISL_691446|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CHLA-PLM88317027/2020|2020-11-20|EPI_ISL_753400|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/VIC694/2020|2020-03-28|EPI_ISL_426986|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB8491/2020|2020-10-19|EPI_ISL_612373|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_64/2020|2020-06-06|EPI_ISL_645063|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/USA/CA-CZB-2052/2020|2020-04-22|EPI_ISL_486296|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/QEUH-9D0C39/2020|2020-09-16|EPI_ISL_589895|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C666E/2020|2020-05-19|EPI_ISL_529680|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C4BE12/2020|2020-12-14|EPI_ISL_757114|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1390/2020|2020-03-27|EPI_ISL_507977|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUH-B6B080/2020|2020-11-11|EPI_ISL_662500|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B79E37/2020|2020-11-21|EPI_ISL_724938|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16577C/2020|2020-06-14|EPI_ISL_490722|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-2818C1/2020|2020-03-21|EPI_ISL_472171|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3647E/2020|2020-04-30|EPI_ISL_474669|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9F921A/2020|2020-09-25|EPI_ISL_588894|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A637FD/2020|2020-10-09|EPI_ISL_596150|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/NA_316/2020|2020-04-02|EPI_ISL_422625|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-49687C/2020|2020-06-07|EPI_ISL_559313|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2223/2020|2020-08-31|EPI_ISL_770797|Original|hCoV-19^^Minnesota|Human|Hennepin County Medical Center|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/LOND-124F167/2020|2020-03-28|EPI_ISL_665144|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Australia/VIC6924/2020|2020-07-22|EPI_ISL_564144|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-QDX-2428/2020|2020-03-16|EPI_ISL_604794|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-617/2020|2020-03-25|EPI_ISL_436999|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Sweden/20-50360/2020|2020-03-16|EPI_ISL_430864|Original|hCoV-19^^Gavleborgs lan|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-9F1EB4/2020|2020-09-25|EPI_ISL_589594|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1174/2020|2020-03-16|EPI_ISL_614665|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A202E/2020|2020-05-18|EPI_ISL_490374|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0074/2020|2020-06-08|EPI_ISL_511828|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-950053/2020|2020-06-15|EPI_ISL_555193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9D0E15/2020|2020-09-16|EPI_ISL_601836|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/IMR-WC280757/2020|2020-11-18|EPI_ISL_728252|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/England/Sheff01/2020|2020-03-04|EPI_ISL_414500|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-AB1936/2020|2020-10-23|EPI_ISL_623840|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C5852C/2020|2020-12-14|EPI_ISL_735926|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002368/2020|2020-07-22|EPI_ISL_515736|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-94B89F/2020|2020-06-14|EPI_ISL_555776|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5411/2020|2020-08-00|EPI_ISL_690514|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/WA430/2020|2020-09-23|EPI_ISL_672642|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Ireland/D-NVRL-71IRL74709/2020|2020-07-23|EPI_ISL_512092|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Sweden/20-52800/2020|2020-06-29|EPI_ISL_582809|Original|hCoV-19^^Gavleborg|Human|Gavle klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMC-B381A7/2020|2020-11-05|EPI_ISL_658919|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14836/2020|2020-11-23|EPI_ISL_712017|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-104350/2020|2020-11-09|EPI_ISL_683350|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMC-B0B33E/2020|2020-10-30|EPI_ISL_643390|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-952/2020|2020-03-26|EPI_ISL_579582|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/AZ-TG664534/2020|2020-04-20|EPI_ISL_696151|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/EXET-136AE4/2020|2020-04-23|EPI_ISL_457248|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0183/2020|2020-08-27|EPI_ISL_548050|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Denmark/DCGC-2516/2020|2020-08-10|EPI_ISL_617788|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2009104/2020|2020-05-14|EPI_ISL_525105|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-4589/2020|2020-08-00|EPI_ISL_689726|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-1072/2020|2020-04-21|EPI_ISL_437072|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Scotland/CVR3141/2020|2020-04-28|EPI_ISL_449186|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009163722/2020|2020-09-16|EPI_ISL_677652|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/UT-UPHL-2009486/2020|2020-07-14|EPI_ISL_605170|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/SHEF-CF489/2020|2020-07-20|EPI_ISL_507173|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-9E0BDF/2020|2020-09-21|EPI_ISL_601464|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A83F0/2020|2020-03-21|EPI_ISL_538991|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204590575/2020|2020-11-06|EPI_ISL_700652|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-2813DF/2020|2020-03-13|EPI_ISL_472164|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42190507/2020|2020-03-14|EPI_ISL_528071|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/20140060304/2020|2020-03-30|EPI_ISL_423389|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9536/2020|2020-07-05|EPI_ISL_781170|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B214E4/2020|2020-11-03|EPI_ISL_647127|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17524/2020|2020-12-14|EPI_ISL_751041|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Indonesia/JK-EIJK-01/2020|2020-03-26|EPI_ISL_437189|Original|hCoV-19^^Jakarta|Human|Pusat Pertamina Hospital|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/Wales/PHWC-16BC68/2020|2020-09-14|EPI_ISL_573958|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B96778/2020|2020-11-13|EPI_ISL_676210|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-125DC1/2020|2020-03-30|EPI_ISL_443756|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Anhui/HN012/2020|2020-02-03|EPI_ISL_450417|unknown|hCoV-19^^Anhui|Human|unknown|Anhui Provincial Center for Disease Control|Submitter|China

>Spike|hCoV-19/India/MH-NIV-20134/2020|2020-05-04|EPI_ISL_479513|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Norway/3978/2020|2020-09-24|EPI_ISL_590952|original|hCoV-19^^Innlandet|Human|Akershus University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/ALDP-CED4D4/2020|2020-12-17|EPI_ISL_782020|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA66B/2020|2020-09-24|EPI_ISL_580149|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-91012F/2020|2020-06-22|EPI_ISL_551399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-N5426/2020|2020-06-01|EPI_ISL_528629|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core- Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/ALDP-B84D02/2020|2020-11-15|EPI_ISL_674341|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACDF80/2020|2020-10-21|EPI_ISL_630310|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3116383/2020|2020-07-29|EPI_ISL_740251|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-8235/2020|2020-06-30|EPI_ISL_784280|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NB-EMC-407/2020|2020-00-00|EPI_ISL_722482|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-C307F7/2020|2020-12-07|EPI_ISL_783021|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/TKYE6968/2020|2020-02-00|EPI_ISL_434561|unknown|hCoV-19^^Japan|Human|Department of Microbiology; Ryota Kumagai Tokyo Metropolitan Institute of Public Health|Department of Microbiology; Ryota Kumagai Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/New Zealand/20VR2061/2020|2020-04-04|EPI_ISL_579221|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Russia/StPetersburg-RII4693S/2020|2020-04-07|EPI_ISL_427325|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Belgium/PAN-030681/2020|2020-03-05|EPI_ISL_420337|Original|hCoV-19^^Herve|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUEH-B0F1A9/2020|2020-11-02|EPI_ISL_642561|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F3070/2020|2020-09-24|EPI_ISL_600822|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6124/2020|2020-08-00|EPI_ISL_689236|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-GBCL-26684459/2020|2020-04-11|EPI_ISL_485280|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Japan/PG-1599/2020|2020-04-00|EPI_ISL_685205|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1933/2020|2020-10-02|EPI_ISL_677342|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-992477/2020|2020-08-27|EPI_ISL_540682|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUIH-C1640F/2020|2020-12-05|EPI_ISL_709539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14507/2020|2020-11-30|EPI_ISL_711805|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-65FOC/2020|2020-10-09|EPI_ISL_612235|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Kenya/C1351/2020|2020-04-20|EPI_ISL_457857|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/NY-PV09099/2020|2020-03-18|EPI_ISL_421633|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/UT-UPHL-2012838775/2020|2020-08-12|EPI_ISL_745918|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/EXET-13F3FF/2020|2020-12-16|EPI_ISL_763670|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00561/2020|2020-11-03|EPI_ISL_717945|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Spain/AS-IBV-98006660/2020|2020-05-06|EPI_ISL_654630|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-8825/2020|2020-10-26|EPI_ISL_626112|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUIH-96D75E/2020|2020-08-20|EPI_ISL_534605|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1276/2020|2020-03-21|EPI_ISL_511237|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) |Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-48264C/2020|2020-10-20|EPI_ISL_613234|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC9962/2020|2020-07-23|EPI_ISL_565807|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A85EB4/2020|2020-10-17|EPI_ISL_610581|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-19-19/2020|2020-07-05|EPI_ISL_523050|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC22447/2020|2020-11-08|EPI_ISL_708538|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/EDB2797/2020|2020-03-30|EPI_ISL_488887|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A4DB66/2020|2020-10-05|EPI_ISL_628617|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-A57510/2020|2020-10-09|EPI_ISL_597375|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8B57B/2020|2020-12-16|EPI_ISL_756569|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1871/2020|2020-03-23|EPI_ISL_776216|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Bangladesh/NGRI-NSTU-03/2020|2020-07-22|EPI_ISL_514440|Original|hCoV-19^^Chittagong|Human|NSTU COVID-19 Diagnostic Center|NSU Genome Research Institute (NGRI)|Hossain|Bangladesh

>Spike|hCoV-19/England/CAMB-1BCE08/2020|2020-00-00|EPI_ISL_723900|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MN-GMF-17485/2020|2020-08-28|EPI_ISL_547741|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Scotland/QEUH-9BAC26/2020|2020-09-07|EPI_ISL_573834|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-170BFA/2020|2020-03-24|EPI_ISL_459605|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5915/2020|2020-11-20|EPI_ISL_705668|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0325/2020|2020-04-13|EPI_ISL_489734|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Chile/AN-195430/2020|2020-10-01|EPI_ISL_746498|Original|hCoV-19^^Antofagasta|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Australia/VIC585/2020|2020-03-25|EPI_ISL_426842|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC8846/2020|2020-07-23|EPI_ISL_565232|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Italy/LOM-ASST-20/2020|2020-02-26|EPI_ISL_486657|Original|hCoV-19^^Lombardy|Human|Microbiology|Microbiology|Comandatore|Italy

>Spike|hCoV-19/England/ALDP-954CC4/2020|2020-06-12|EPI_ISL_553541|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA-EHC-055C/2020|2020-03-15|EPI_ISL_754765|Original|hCoV-19^^Georgia|Human|Emory Molecular Diagnostics Laboratory|Piantadosi Lab|Piantadosi|USA

>Spike|hCoV-19/England/ALDP-A4FAA3/2020|2020-10-07|EPI_ISL_597590|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0295/2020|2020-06-26|EPI_ISL_495516|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/UT-UPHL-2012478835/2020|2020-07-26|EPI_ISL_745575|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-UW-4217/2020|2020-03-31|EPI_ISL_427249|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-9B53BD/2020|2020-09-03|EPI_ISL_590289|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265E465/2020|2020-03-31|EPI_ISL_484203|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Germany/BW-MVZ-LS-40/2020|2020-04-21|EPI_ISL_640257|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/Sweden/20-21491/2020|2020-04-17|EPI_ISL_676524|Original|hCoV-19^^Uppsala|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Netherlands/ZH-EMC-732/2020|2020-10-09|EPI_ISL_632575|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC10792/2020|2020-07-30|EPI_ISL_563092|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4A1A78/2020|2020-12-11|EPI_ISL_743768|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC17467/2020|2020-08-21|EPI_ISL_663897|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/un-EMC-792/2020|2020-09-25|EPI_ISL_632390|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-9E18C/2020|2020-04-03|EPI_ISL_453273|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC7899/2020|2020-08-07|EPI_ISL_564736|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW716/2020|2020-07-28|EPI_ISL_513359|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/GSTT-6749/2020|2020-03-29|EPI_ISL_560727|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC2F0/2020|2020-04-28|EPI_ISL_444390|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Equatorial Guinea/3350/2020|2020-04-24|EPI_ISL_648326|Original|hCoV-19^^Litoral|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/USA/TX-HMH-1237/2020|2020-04-15|EPI_ISL_542602|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB9576/2020|2020-11-09|EPI_ISL_666083|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/NORT-29E023/2020|2020-05-05|EPI_ISL_493505|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/QEUA-C32A1A/2020|2020-12-10|EPI_ISL_782647|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-28498F/2020|2020-03-25|EPI_ISL_488666|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-A8C424/2020|2020-10-18|EPI_ISL_643254|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/513/2020|2020-05-23|EPI_ISL_479591|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Japan/IC-0021/2020|2020-04-00|EPI_ISL_591366|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-12641/2020|2020-11-16|EPI_ISL_682822|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-499624/2020|2020-05-27|EPI_ISL_559384|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A84D30/2020|2020-10-17|EPI_ISL_610450|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-9F7267/2020|2020-09-27|EPI_ISL_595672|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Germany/BE-ChVir-D1944-8293/2020|2020-10-01|EPI_ISL_753777|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/Luxembourg/LNS4235848/2020|2020-11-02|EPI_ISL_740436|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/LIVE-DBE7E1/2020|2020-10-27|EPI_ISL_664232|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Netherlands/OV-EMC-55/2020|2020-05-07|EPI_ISL_523439|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Northern Ireland/QEUA-96B811/2020|2020-08-16|EPI_ISL_531424|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/QEUA-96CBF9/2020|2020-08-21|EPI_ISL_530778|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-0111/2020|2020-04-08|EPI_ISL_434603|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/USA/LA-EVTL110/2020|2020-05-06|EPI_ISL_451271|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Wales/PHWC-4A5AA1/2020|2020-12-11|EPI_ISL_764952|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Hong Kong/HKPU-3138/2020|2020-07-30|EPI_ISL_610208|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/USA/FL-BPHL-1687/2020|2020-08-13|EPI_ISL_594376|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BIRM-61F1F/2020|2020-03-27|EPI_ISL_529617|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMC-B520D7/2020|2020-11-07|EPI_ISL_657903|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE328/2020|2020-04-26|EPI_ISL_524578|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-IB63/2020|2020-05-19|EPI_ISL_511951|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/Japan/PG-0683/2020|2020-04-00|EPI_ISL_684293|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZH-EMC-713/2020|2020-10-02|EPI_ISL_632560|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-13795/2020|2020-11-30|EPI_ISL_713029|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6D2B6/2020|2020-10-14|EPI_ISL_608220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-161/2020|2020-10-09|EPI_ISL_751480|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|Latour|France

>Spike|hCoV-19/England/QEUA-AD05A6/2020|2020-10-26|EPI_ISL_634198|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8F147/2020|2020-11-13|EPI_ISL_675284|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13236/2020|2020-11-30|EPI_ISL_712670|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1374/2020|2020-07-21|EPI_ISL_541311|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/EDB3954/2020|2020-05-03|EPI_ISL_449259|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B5374A/2020|2020-11-08|EPI_ISL_656844|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C1298/2020|2020-04-21|EPI_ISL_568710|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Italy/CAM-TIGEM-591/2020|2020-04-14|EPI_ISL_778664|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Wales/PHWC-47FE1D/2020|2020-10-15|EPI_ISL_612815|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20598/2020|2020-12-21|EPI_ISL_759247|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/201100347/2020|2020-03-06|EPI_ISL_464649|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-769280/2020|2020-07-15|EPI_ISL_533136|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0866/2020|2020-00-00|EPI_ISL_684476|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-233888-01/2020|2020-10-01|EPI_ISL_734312|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-10821/2020|2020-11-02|EPI_ISL_670229|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11850/2020|2020-10-26|EPI_ISL_671175|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-1E1A24/2020|2020-10-12|EPI_ISL_627139|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/ACT0071/2020|2020-03-22|EPI_ISL_498531|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/CAMB-7522E/2020|2020-03-17|EPI_ISL_440422|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_13/2020|2020-03-10|EPI_ISL_461001|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Peru/LIM-UPCH-0203/2020|2020-10-15|EPI_ISL_729866|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Tunisia/61689/2020|2020-11-23|EPI_ISL_699655|Original|hCoV-19^^Nabeul|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/Spain/PV-IBV-001570/2020|2020-03-13|EPI_ISL_467141|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Senegal/65428/2020|2020-06-14|EPI_ISL_485712|Original|hCoV-19^^Dakar|Human|Institut Pasteur|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/USA/CA-CZB-12775/2020|2020-10-14|EPI_ISL_648438|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-4860A4/2020|2020-10-26|EPI_ISL_628307|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CD6B2/2020|2020-04-29|EPI_ISL_475459|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Hungary/SRC-00055/2020|2020-03-20|EPI_ISL_435419|Original|hCoV-19^^Baranya|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/England/MILK-C7B541/2020|2020-12-15|EPI_ISL_756993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2190207/2020|2020-11-18|EPI_ISL_740075|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S1730/2020|2020-06-01|EPI_ISL_496156|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9BECE6/2020|2020-09-10|EPI_ISL_568148|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2AA112/2020|2020-03-14|EPI_ISL_538913|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79D7A/2020|2020-10-15|EPI_ISL_606647|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CA89/2020|2020-12-10|EPI_ISL_731607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7FFB/2020|2020-10-16|EPI_ISL_637690|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/LA-SR0282/2020|2020-04-01|EPI_ISL_445137|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/WB-IK45/2020|2020-05-04|EPI_ISL_508372|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Scotland/CVR5302/2020|2020-10-22|EPI_ISL_650857|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-BA4249/2020|2020-11-18|EPI_ISL_757276|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002550/2020|2020-07-29|EPI_ISL_535420|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Canada/QC-LSPQ-L00244354/2020|2020-03-31|EPI_ISL_536395|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-4A1595/2020|2020-12-10|EPI_ISL_743693|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/OCC-126/2020|2020-10-07|EPI_ISL_671971|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/England/ALDP-5D4D72/2020|2020-06-19|EPI_ISL_558575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/AK-CV314/2020|2020-06-29|EPI_ISL_729988|Original|hCoV-19^^Akwa-Ibom State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/IA-GMF-10147/2020|2020-07-10|EPI_ISL_547607|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/India/KA-nimh-13894/2020|2020-05-09|EPI_ISL_515955|Original|hCoV-19^^Karnataka|Human|DH|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/England/ALDP-A67911/2020|2020-10-12|EPI_ISL_630562|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1260/2020|2020-03-16|EPI_ISL_572024|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NORT-1B72988/2020|2020-12-04|EPI_ISL_724907|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust

/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/SHEF-C9D2A/2020|2020-09-09|EPI_ISL_540746|Original|hCoV-19^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Australia/NT17/2020|2020-00-00|EPI_ISL_426904|Original|hCoV-19^Northern territory|Human|Royal Darwin Hospital Pathology|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/South Africa/Tygerberg_31/2020|2020-03-29|EPI_ISL_464142|Original|hCoV-19^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa
>Spike|hCoV-19/England/MILK-A7C454/2020|2020-10-15|EPI_ISL_607448|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BE-ETHZ-420075/2020|2020-12-18|EPI_ISL_768023|Original|hCoV-19^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/ALDP-B63C84/2020|2020-11-08|EPI_ISL_656618|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14862/2020|2020-10-12|EPI_ISL_786346|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/LIVE-DC438A/2020|2020-11-14|EPI_ISL_703961|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/CAMC-A655A6/2020|2020-10-11|EPI_ISL_608373|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC13433/2020|2020-08-06|EPI_ISL_563731|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/MT-CDC-2-3714096/2020|2020-12-02|EPI_ISL_751633|Original|hCoV-19^Montana|Human|MT Public Health Laboratory|Genomics and Discovery|Queen|USA
>Spike|hCoV-19/Wales/PHWC-2F029/2020|2020-04-04|EPI_ISL_446189|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/UT-02566/2020|2020-04-24|EPI_ISL_487215|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
>Spike|hCoV-19/Wales/PHWC-489162/2020|2020-11-02|EPI_ISL_639541|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2155/2020|2020-02-27|EPI_ISL_506949|Original|hCoV-19^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/Wales/PHWC-16DD81/2020|2020-09-28|EPI_ISL_577531|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-83E29/2020|2020-04-25|EPI_ISL_438698|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Wales/PHWC-47DDA9/2020|2020-10-12|EPI_ISL_595362|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-64CEBD/2020|2020-07-04|EPI_ISL_558102|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sichuan/SC-GA-065/2020|2020-02-01|EPI_ISL_451316|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Canada/ON-PHL-20-01316/2020|2020-06-00|EPI_ISL_548919|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Spain/RI-IBV-99010941/2020|2020-07-17|EPI_ISL_732776|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CHLA-PLM86899666/2020|2020-11-13|EPI_ISL_753315|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/CVR1043/2020|2020-03-29|EPI_ISL_438757|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/MH-NIV-119994/2020|2020-07-17|EPI_ISL_541688|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/USA/MI-MDHHS-SC20865/2020|2020-04-29|EPI_ISL_471886|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-B9E8C8/2020|2020-11-18|EPI_ISL_719891|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5010/2020|2020-00-00|EPI_ISL_519814|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Ireland/MO-NVRL-76IRL31264/2020|2020-10-18|EPI_ISL_732496|Original|hCoV-19^^Mayo|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-16F3AB/2020|2020-10-06|EPI_ISL_585956|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-10EA4F/2020|2020-03-29|EPI_ISL_425629|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-002740/2020|2020-04-15|EPI_ISL_467280|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-UM-10033767074/2020|2020-03-24|EPI_ISL_578098|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMC-B32BBE/2020|2020-11-05|EPI_ISL_659554|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BB5685/2020|2020-11-20|EPI_ISL_710700|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-ETHZ-100367/2020|2020-03-19|EPI_ISL_574941|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-UW-2509/2020|2020-12-30|EPI_ISL_779341|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Canada/BC_08848124/2020|2020-04-00|EPI_ISL_466836|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Switzerland/ZH-ETHZ-210047/2020|2020-07-17|EPI_ISL_510785|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-20707/2020|2020-12-21|EPI_ISL_758762|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8641/2020|2020-07-02|EPI_ISL_780671|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-BBCF74/2020|2020-11-18|EPI_ISL_679296|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-A570C4/2020|2020-10-09|EPI_ISL_597519|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-43/2020|2020-04-12|EPI_ISL_530047|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Spain/IB-IBV-h2536/2020|2020-03-21|EPI_ISL_468954|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-AF1590/2020|2020-10-29|EPI_ISL_665651|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-261/2020|2020-04-26|EPI_ISL_523603|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-C541B3/2020|2020-12-12|EPI_ISL_757059|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A05C2B/2020|2020-09-30|EPI_ISL_599829|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9601D5/2020|2020-08-06|EPI_ISL_531911|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F79DB/2020|2020-09-27|EPI_ISL_595715|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_32/2020|2020-04-22|EPI_ISL_461020|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A70308/2020|2020-10-15|EPI_ISL_607667|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A5FB1/2020|2020-12-15|EPI_ISL_764282|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A0B4D2/2020|2020-10-03|EPI_ISL_599223|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D4C2/2020|2020-10-07|EPI_ISL_586151|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200642/2020|2020-06-15|EPI_ISL_631411|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Portugal/PT1322/2020|2020-03-18|EPI_ISL_511281|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Australia/NSW916/2020|2020-08-28|EPI_ISL_544997|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0002v1/2020|2020-03-26|EPI_ISL_644321|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-SCCPHD-UC157/2020|2020-03-11|EPI_ISL_435636|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/CAMB-8182D/2020|2020-04-11|EPI_ISL_443105|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-8050/2020|2020-09-00|EPI_ISL_687151|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr65/2020|2020-04-11|EPI_ISL_541869|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Denmark/DCGC-10248/2020|2020-11-09|EPI_ISL_669731|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B52A51/2020|2020-11-09|EPI_ISL_657565|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2387/2020|2020-03-17|EPI_ISL_604664|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Vietnam/HCMC-35016/2020|2020-03-20|EPI_ISL_450741|Original|hCoV-19^^Ho Chi Minh City|Human|OUCRU/HTD|OUCRU/HTD|Tan|Vietnam

>Spike|hCoV-19/USA/TX-HMH0398/2020|2020-03-31|EPI_ISL_434985|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-EVTL699/2020|2020-07-14|EPI_ISL_653391|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-BC0854/2020|2020-11-20|EPI_ISL_704801|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F684/2020|2020-10-02|EPI_ISL_586002|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20120037806/2020|2020-03-14|EPI_ISL_465162|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-84963/2020|2020-03-07|EPI_ISL_440550|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-205/2020|2020-04-08|EPI_ISL_602479|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/20139008404/2020|2020-03-27|EPI_ISL_421864|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4009709/2020|2020-10-25|EPI_ISL_740402|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-BF84E6/2020|2020-12-04|EPI_ISL_761021|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP10G05P/2020|2020-03-15|EPI_ISL_427576|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/South Korea/KCDC2054/2020|2020-02-21|EPI_ISL_481374|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-8233/2020|2020-07-07|EPI_ISL_783592|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR4844/2020|2020-10-02|EPI_ISL_594647|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1235/2020|2020-04-30|EPI_ISL_654768|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-UW-5884/2020|2020-04-07|EPI_ISL_430929|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-B11890/2020|2020-11-02|EPI_ISL_642261|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1284/2020|2020-03-31|EPI_ISL_648254|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/SO-ETHZ-140009/2020|2020-05-16|EPI_ISL_476085|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/AZ-TG381246/2020|2020-06-15|EPI_ISL_694653|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-AA4022/2020|2020-10-22|EPI_ISL_630857|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Suriname/SR-51/2020|2020-07-16|EPI_ISL_518800|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/Panama/336044/2020|2020-04-03|EPI_ISL_496835|Original|hCoV-19^^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/MILK-B02908/2020|2020-10-24|EPI_ISL_642990|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3C3E9/2020|2020-11-01|EPI_ISL_706141|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/NSW613/2020|2020-06-07|EPI_ISL_490022|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Brazil/SP-591/2020|2020-07-05|EPI_ISL_693217|Original|hCoV-19^^S\u00e3o Paulo|Human|Unidade de Vigil\u00e2ncia Epidemiol\u00f3gica de Araras|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV115/2020|2020-12-20|EPI_ISL_730632|Original|hCoV-19^^Zurich|Human|M\u00e4nnedorf Hospital|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/Scotland/CVR2432/2020|2020-04-14|EPI_ISL_493797|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2050/2020|2020-08-31|EPI_ISL_644482|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/UT-UPHL-2012034659/2020|2020-06-20|EPI_ISL_746404|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/MILK-B3D2FA/2020|2020-11-01|EPI_ISL_679834|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC9976/2020|2020-07-23|EPI_ISL_565819|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/OS-0325137/2020|2020-03-25|EPI_ISL_420394|Original|hCoV-19^^Sint-Pieter-Woluwe|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-B094B5/2020|2020-10-30|EPI_ISL_673010|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-BJMC-8677/2020|2020-06-02|EPI_ISL_728259|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/United Arab Emirates/L1076/2020|2020-03-15|EPI_ISL_435128|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/England/ALDP-C24486/2020|2020-12-06|EPI_ISL_736772|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002684/2020|2020-08-01|EPI_ISL_535547|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/FL-BPHL-0818/2020|2020-06-11|EPI_ISL_514164|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-9DC14D/2020|2020-09-21|EPI_ISL_601237|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/SIC-IZSBM169-57/2020|2020-06-00|EPI_ISL_582802|Original|hCoV-19^^Sicily|Human|Laboratorio di Riferimento Regionale della Sicilia Occidentale per l'Emergenza COVID-19|Istituto Zooprofilattico Sperimentale della Sicilia|Reale|Italy

>Spike|hCoV-19/USA/WA-UW-379/2020|2020-03-11|EPI_ISL_486093|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-29360E/2020|2020-06-27|EPI_ISL_499504|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LEED-2A9483/2020|2020-04-20|EPI_ISL_538927|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95A745/2020|2020-06-13|EPI_ISL_553560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1856/2020|2020-05-27|EPI_ISL_496282|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-B8433D/2020|2020-11-14|EPI_ISL_674454|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42393291/2020|2020-08-13|EPI_ISL_581952|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-CZB-10925/2020|2020-08-31|EPI_ISL_583154|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-17326/2020|2020-12-14|EPI_ISL_750909|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49DDFE/2020|2020-12-04|EPI_ISL_742914|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491659/2020|2020-06-25|EPI_ISL_695204|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/AZ-TG280804/2020|2020-04-20|EPI_ISL_694158|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/South Africa/KRISP-0173/2020|2020-06-02|EPI_ISL_467523|Original|hCoV-19^^KwaZulu-Natal|Human|NHLIS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-ACEC97/2020|2020-10-21|EPI_ISL_644069|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2557/2020|2020-06-24|EPI_ISL_522241|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-76867/2020|2020-03-30|EPI_ISL_438314|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LCST-24D7026/2020|2020-06-17|EPI_ISL_478354|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2344/2020|2020-05-13|EPI_ISL_513793|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-21708/2020|2020-12-21|EPI_ISL_758321|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99A9AD/2020|2020-08-29|EPI_ISL_550386|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-786C5/2020|2020-04-06|EPI_ISL_433763|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14694/2020|2020-10-01|EPI_ISL_787979|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-GBCL-26513050/2020|2020-04-21|EPI_ISL_485090|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/QEUH-B7D0C7/2020|2020-11-14|EPI_ISL_741844|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-9BB0A1/2020|2020-09-07|EPI_ISL_573649|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Oman/C-11911/2020|2020-05-01|EPI_ISL_491170|Original|hCoV-19^^South Batinah|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/England/ALDP-A6D8B4/2020|2020-10-14|EPI_ISL_607893|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8E13/2020|2020-04-25|EPI_ISL_453559|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1234/2020|2020-03-17|EPI_ISL_572010|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WI-UW-759/2020|2020-07-06|EPI_ISL_495464|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Russia/Moscow-35I/2020|2020-04-02|EPI_ISL_428852|Vero P1|hCoV-19^^Moscow|Human|FSBSI \Chumakov Federal Scientific Center for Research and Development of Immune-and-Biological Products of Russian Academy of Sciences\|FSBSI \Chumakov Federal Scientific Center for Research and Development of Immune-and-Biological Products of Russian Academy of Sciences\ & NRC \Kurchatov institute\|Kozlovskaya|Russia

>Spike|hCoV-19/Israel/2046434/2020|2020-04-01|EPI_ISL_447404|Original|hCoV-19^^North District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Australia/VIC189/2020|2020-03-19|EPI_ISL_419885|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-BAC320/2020|2020-11-18|EPI_ISL_720395|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98008160/2020|2020-10-14|EPI_ISL_654420|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-ABC027/2020|2020-10-22|EPI_ISL_631052|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9E4968/2020|2020-09-23|EPI_ISL_579835|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1264/2020|2020-05-07|EPI_ISL_494465|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/IN-CDC-STM-P053/2020|2020-12-18|EPI_ISL_755616|Original|hCoV-19^^Indiana|Human|Helix/Illumina|Genomics and Discovery|Cook|USA

>Spike|hCoV-19/Scotland/QEUH-961F34/2020|2020-08-10|EPI_ISL_531857|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-110046/2020|2020-04-01|EPI_ISL_486478|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-B4178B/2020|2020-11-08|EPI_ISL_658413|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12641C6/2020|2020-11-14|EPI_ISL_679535|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-287929-01/2020|2020-12-15|EPI_ISL_767471|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/South Africa/N00105/2020|2020-06-11|EPI_ISL_623070|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Brazil/SC-L12-CD163/2020|2020-03-13|EPI_ISL_476209|Original|hCoV-19^^Santa Catarina|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Brazil/RJ-00534/2020|2020-07-29|EPI_ISL_717785|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/202881383/2020|2020-06-30|EPI_ISL_491717|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490933/2020|2020-11-15|EPI_ISL_706528|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14297/2020|2020-11-30|EPI_ISL_711678|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BL-ETHZ-120038/2020|2020-04-20|EPI_ISL_468227|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/reg-10181076/2020|2020-10-18|EPI_ISL_735116|Original|hCoV-19^^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUH-AF09D1/2020|2020-10-29|EPI_ISL_662669|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201016479/2020|2020-06-01|EPI_ISL_594035|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-ALSR-2599/2020|2020-07-09|EPI_ISL_635579|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-15804/2020|2020-11-23|EPI_ISL_714030|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BAD0D/2020|2020-11-12|EPI_ISL_664794|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WI-UW-569/2020|2020-06-25|EPI_ISL_484944|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-1771/2020|2020-04-00|EPI_ISL_685377|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1AE1B5/2020|2020-04-27|EPI_ISL_459415|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200209/2020|2020-08-12|EPI_ISL_752768|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Wales/PHWC-49CE74/2020|2020-12-10|EPI_ISL_742699|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/BY-IMB03120/2020|2020-03-31|EPI_ISL_732552|Original|hCoV-19^^Bavaria|Human|Bundeswehr Institute of Microbiology|Bundeswehr Institute of Microbiology|Antwerpen|Germany

>Spike|hCoV-19/USA/AZ-TG491552/2020|2020-06-23|EPI_ISL_695166|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Canada/ON-S1581/2020|2020-09-04|EPI_ISL_755926|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CA-ALSR-2825/2020|2020-07-21|EPI_ISL_635699|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-13239/2020|2020-10-26|EPI_ISL_672478|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/QEUH-9E5493/2020|2020-09-24|EPI_ISL_601006|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7DCEC/2020|2020-04-07|EPI_ISL_442273|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B4663E/2020|2020-11-07|EPI_ISL_656316|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0250/2020|2020-10-00|EPI_ISL_667679|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Chile/AT-CMM-ATAC20/2020|2020-07-26|EPI_ISL_626565|Original|hCoV-19^^Atacama|Human|Laboratorio de Biología Molecular|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma Vera|Chile

>Spike|hCoV-19/England/CAMC-A646FF/2020|2020-10-10|EPI_ISL_609099|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19586/2020|2020-11-19|EPI_ISL_783957|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/AM-ALSR-5164/2020|2020-10-20|EPI_ISL_730403|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/ALDP-B761AD/2020|2020-11-12|EPI_ISL_723742|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21477/2020|2020-07-22|EPI_ISL_516204|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/BRIS-126EEB/2020|2020-04-23|EPI_ISL_469723|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-111539/2020|2020-05-02|EPI_ISL_457577|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-CC099C/2020|2020-12-20|EPI_ISL_778164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0748/2020|2020-06-15|EPI_ISL_526865|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/CVR2515/2020|2020-04-15|EPI_ISL_438921|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-9F7B20/2020|2020-09-27|EPI_ISL_589216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH040/2020|2020-04-27|EPI_ISL_754927|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Portugal/PT1386/2020|2020-03-27|EPI_ISL_511345|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-9CE7E2/2020|2020-09-17|EPI_ISL_590099|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L26-CD547/2020|2020-04-17|EPI_ISL_672725|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo (HC-FMUSP)|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/England/MILK-AC9388/2020|2020-10-21|EPI_ISL_644056|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BCD9EB/2020|2020-11-26|EPI_ISL_704479|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1071/2020|2020-10-02|EPI_ISL_596461|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/NY-NYUMC648/2020|2020-03-30|EPI_ISL_444765|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-B85B16/2020|2020-11-14|EPI_ISL_675232|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CM-IBV-003755/2020|2020-04-02|EPI_ISL_474801|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-1110/2020|2020-04-00|EPI_ISL_684720|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-A9F0FD/2020|2020-10-20|EPI_ISL_625383|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1545/2020|2020-05-04|EPI_ISL_494654|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC10579/2020|2020-08-03|EPI_ISL_562967|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1869/2020|2020-09-28|EPI_ISL_603004|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-2974/2020|2020-04-00|EPI_ISL_691099|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-2288/2020|2020-04-00|EPI_ISL_685893|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr236584/2020|2020-12-20|EPI_ISL_770510|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/USA/UT-UPHL-2012434776/2020|2020-10-12|EPI_ISL_746263|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/LA-EVTL227/2020|2020-08-22|EPI_ISL_574361|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUA-C935E9/2020|2020-12-16|EPI_ISL_777154|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CDBB3/2020|2020-05-11|EPI_ISL_493715|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-5417/2020|2020-08-00|EPI_ISL_690520|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MASPHL-00306/2020|2020-04-18|EPI_ISL_791716|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/United Arab Emirates/0326/2020|2020-05-18|EPI_ISL_698502|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-16E139/2020|2020-10-02|EPI_ISL_585673|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/TN-CCMB-C18/2020|2020-05-06|EPI_ISL_458042|Original|hCoV-19^^Tamil Nadu|Human|King Institute of Preventive Medicine & Research|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/LOND-DB280/2020|2020-11-07|EPI_ISL_724750|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DB30/2020|2020-12-07|EPI_ISL_742878|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-PV09377/2020|2020-03-19|EPI_ISL_450060|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/CAMB-82EA2/2020|2020-04-13|EPI_ISL_443321|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-2489/2020|2020-04-00|EPI_ISL_686094|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR1358/2020|2020-03-31|EPI_ISL_433552|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORT-284354/2020|2020-03-19|EPI_ISL_488824|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D00AF/2020|2020-05-19|EPI_ISL_529407|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-9AB6B1/2020|2020-08-31|EPI_ISL_549338|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DDEE/2020|2020-10-05|EPI_ISL_586891|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2295/2020|2020-08-10|EPI_ISL_667172|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Switzerland/SO-UHB-42177923/2020|2020-03-05|EPI_ISL_527937|Original|hCoV-19^^Solothurn|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-A68DE7/2020|2020-10-12|EPI_ISL_630487|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8783/2020|2020-08-00|EPI_ISL_686374|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9DDF15/2020|2020-09-21|EPI_ISL_599803|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13783/2020|2020-11-30|EPI_ISL_713022|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/221/2020|2020-03-16|EPI_ISL_417836|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\|u00f3nsson|Iceland

>Spike|hCoV-19/Poland/PL_MCB_105/2020|2020-04-22|EPI_ISL_645104|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/USA/CA-CHLA-PLM08071546/2020|2020-12-01|EPI_ISL_753567|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-944447/2020|2020-06-07|EPI_ISL_554743|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003678/2020|2020-04-02|EPI_ISL_467217|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-UW-4315/2020|2020-03-31|EPI_ISL_427257|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-C15F5A/2020|2020-12-06|EPI_ISL_709518|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-2573/2020|2020-00-00|EPI_ISL_561280|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/ALDP-9ED738/2020|2020-05-09|EPI_ISL_580663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08272/2020|2020-05-20|EPI_ISL_524076|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-4108/2020|2020-09-14|EPI_ISL_622064|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AD3707/2020|2020-10-26|EPI_ISL_634068|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1202/2020|2020-03-30|EPI_ISL_529319|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-234344/2020|2020-10-15|EPI_ISL_680372|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E926/2020|2020-12-08|EPI_ISL_743068|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-35/2020|2020-06-17|EPI_ISL_603142|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/India/TG-CCMB-BB561/2020|2020-12-25|EPI_ISL_745195|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/LIVE-99048/2020|2020-04-07|EPI_ISL_439687|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6074/2020|2020-10-05|EPI_ISL_620268|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Israel/CVL-n-7451/2020|2020-04-11|EPI_ISL_475011|Original|hCoV-19^^Jerusalem|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Wales/PHWC-483D28/2020|2020-10-21|EPI_ISL_627923|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0263/2020|2020-05-17|EPI_ISL_698444|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/AZ-TG366713/2020|2020-06-02|EPI_ISL_694477|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-4424/2020|2020-06-17|EPI_ISL_543608|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2CF584/2020|2020-05-02|EPI_ISL_453693|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUH-B7E275/2020|2020-11-14|EPI_ISL_727849|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-7783/2020|2020-07-00|EPI_ISL_686885|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-FB3A5/2020|2020-08-29|EPI_ISL_585230|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-892/2020|2020-10-29|EPI_ISL_632770|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/ALAB-SSI403A/2020|2020-03-23|EPI_ISL_429496|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/AZ-TG408142/2020|2020-06-14|EPI_ISL_694898|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/NOTT-11ABE3/2020|2020-11-08|EPI_ISL_638603|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012903953/2020|2020-08-04|EPI_ISL_746078|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-UW-1260/2020|2020-08-21|EPI_ISL_536633|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-980B59/2020|2020-08-08|EPI_ISL_529541|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-PV08463/2020|2020-03-18|EPI_ISL_421409|Original|hCoV-19^^New York|Human|MHS Clinical Microbiology Laboratories|MHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Spain/AR-IBV-98010604/2020|2020-10-02|EPI_ISL_722253|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-94B695/2020|2020-06-11|EPI_ISL_556409|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-201/2020|2020-05-08|EPI_ISL_482443|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/CAMC-A651FD/2020|2020-10-11|EPI_ISL_608588|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-137245/2020|2020-04-01|EPI_ISL_471957|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12472/2020|2020-09-27|EPI_ISL_790354|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-GBCL-26159756/2020|2020-04-11|EPI_ISL_485007|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/France/BRE-1623/2020|2020-02-26|EPI_ISL_418219|Original|hCoV-19^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Brazil/RJ-2233/2020|2020-04-17|EPI_ISL_467351|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/ALDP-AA331B/2020|2020-10-22|EPI_ISL_624124|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1753/2020|2020-03-09|EPI_ISL_620135|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19079/2020|2020-12-07|EPI_ISL_748742|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-4356/2020|2020-06-19|EPI_ISL_543555|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-5D4CC0/2020|2020-06-19|EPI_ISL_558485|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1392/2020|2020-07-04|EPI_ISL_572234|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-16567/2020|2020-11-16|EPI_ISL_714473|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-10F729/2020|2020-04-04|EPI_ISL_433042|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E1B8/2020|2020-10-15|EPI_ISL_607658|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF4A07/2020|2020-10-30|EPI_ISL_663176|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B83F58/2020|2020-11-14|EPI_ISL_674226|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0038/2020|2020-09-01|EPI_ISL_747277|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/TX-DSHS-2034/2020|2020-08-06|EPI_ISL_766654|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CO-CDPHE-2009163628/2020|2020-09-16|EPI_ISL_710167|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Australia/VIC14712/2020|2020-08-05|EPI_ISL_592964|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-9E22F/2020|2020-04-03|EPI_ISL_453278|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2364/2020|2020-03-14|EPI_ISL_604708|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-B366AA/2020|2020-11-03|EPI_ISL_645414|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F377B/2020|2020-09-24|EPI_ISL_588654|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21200/2020|2020-04-01|EPI_ISL_507457|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CT-Yale-045/2020|2020-03-23|EPI_ISL_419513|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Australia/VIC11687/2020|2020-07-24|EPI_ISL_591834|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-969/2020|2020-07-06|EPI_ISL_509967|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUA-96271D/2020|2020-08-10|EPI_ISL_531621|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C24D8/2020|2020-09-07|EPI_ISL_566531|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2D336/2020|2020-11-04|EPI_ISL_659939|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS05/2020|2020-04-12|EPI_ISL_522560|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-3659/2020|2020-06-15|EPI_ISL_543103|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9F6909/2020|2020-09-25|EPI_ISL_588351|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D571/2020|2020-10-14|EPI_ISL_607000|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CAMC-99093E/2020|2020-08-26|EPI_ISL_568453|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10B2DE5/2020|2020-05-16|EPI_ISL_537264|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C34887/2020|2020-12-11|EPI_ISL_734051|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1125/2020|2020-04-00|EPI_ISL_684735|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Chile/RM-208669/2020|2020-10-16|EPI_ISL_746773|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Nigeria/OG-CV387/2020|2020-05-29|EPI_ISL_730040|Original|hCoV-19^^Ogun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Slovenia/V0-10433/2020|2020-04-16|EPI_ISL_635267|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/CAMB-745DB/2020|2020-03-28|EPI_ISL_425313|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A007A7/2020|2020-10-02|EPI_ISL_600141|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0348/2020|2020-03-17|EPI_ISL_454064|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B39504/2020|2020-11-02|EPI_ISL_658938|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Taiwan/NCKUH-012/2020|2020-03-28|EPI_ISL_493205|Vero E6 P1|hCoV-19^^Tainan|Human|Virology Lab, Department of Pathology|Virology Lab, Department of Pathology|Tsai|Taiwan

>Spike|hCoV-19/Japan/PG-8261/2020|2020-09-00|EPI_ISL_687360|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-79EED9/2020|2020-07-15|EPI_ISL_533195|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-350011/2020|2020-11-03|EPI_ISL_693785|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-1119B5/2020|2020-05-31|EPI_ISL_461948|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17868/2020|2020-12-14|EPI_ISL_749610|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Morocco/FMP-4/2020|2020-11-00|EPI_ISL_728273|Original|hCoV-19^^Rabat|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahgiri|Morocco

>Spike|hCoV-19/England/ALDP-9CDDE1/2020|2020-09-16|EPI_ISL_566369|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22627/2020|2020-12-01|EPI_ISL_737101|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Ecuador/USFQ-178/2020|2020-08-12|EPI_ISL_525432|Original|hCoV-19^^Zamora-Chinchipec|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/USA/TX-HMH-3176/2020|2020-06-11|EPI_ISL_544051|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-1616/2020|2020-04-00|EPI_ISL_685222|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-99012361/2020|2020-11-22|EPI_ISL_780005|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-79DCF/2020|2020-04-02|EPI_ISL_441276|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3031/2020|2020-08-24|EPI_ISL_616809|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0382/2020|2020-04-23|EPI_ISL_489791|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/VA-DCLS-1382/2020|2020-07-07|EPI_ISL_572227|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-9BDC7E/2020|2020-09-09|EPI_ISL_568218|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0504484/2020|2020-05-04|EPI_ISL_477000|Original|hCoV-19^^Beverloot|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-10814/2020|2020-11-02|EPI_ISL_670224|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-001947/2020|2020-03-13|EPI_ISL_452432|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/ZH-ETHZ-250108/2020|2020-08-20|EPI_ISL_535623|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LOND-D7257/2020|2020-04-11|EPI_ISL_478466|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Israel/CVL-46323/2020|2020-12-13|EPI_ISL_745068|Original|hCoV-19^^Central|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Denmark/DCGC-14920/2020|2020-11-23|EPI_ISL_713521|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1283/2020|2020-05-09|EPI_ISL_648768|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/LA-CDC-1285/2020|2020-06-10|EPI_ISL_535326|Vero P1|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-4760/2020|2020-09-14|EPI_ISL_622199|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-13024/2020|2020-05-11|EPI_ISL_672095|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC5364/2020|2020-07-19|EPI_ISL_520127|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA2BD8/2020|2020-10-22|EPI_ISL_624933|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-275/2020|2020-00-00|EPI_ISL_523397|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-232E90/2020|2020-09-25|EPI_ISL_680232|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD225/2020|2020-10-02|EPI_ISL_587896|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-20177/2020|2020-09-14|EPI_ISL_547856|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19373/2020|2020-11-27|EPI_ISL_783802|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B1DBC8/2020|2020-11-01|EPI_ISL_645855|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-420317/2020|2020-12-20|EPI_ISL_768220|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-Wadsworth-194589-01/2020|2020-08-07|EPI_ISL_677038|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-350096/2020|2020-11-02|EPI_ISL_693796|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B2301B/2020|2020-11-02|EPI_ISL_665025|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010006/2020|2020-03-12|EPI_ISL_683667|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/UT-UPHL-201020573/2020|2020-06-24|EPI_ISL_602954|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MN-MDH-1695/2020|2020-04-08|EPI_ISL_560782|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-165466/2020|2020-05-23|EPI_ISL_479467|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/GSTT-265E08F/2020|2020-03-30|EPI_ISL_484146|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1491/2020|2020-03-22|EPI_ISL_518884|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-17263/2020|2020-12-14|EPI_ISL_750863|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18825/2020|2020-11-25|EPI_ISL_785146|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-9C925F/2020|2020-09-14|EPI_ISL_576038|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/CMX-INMEGEN-01/2020|2020-07-31|EPI_ISL_522872|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Medicina Gen\u00f3mica|Instituto Nacional de Medicina Gen\u00f3mica|Hidalgo|Mexico

>Spike|hCoV-19/England/OXON-B0E05/2020|2020-04-27|EPI_ISL_478967|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3AE52/2020|2020-12-07|EPI_ISL_767210|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0071/2020|2020-05-25|EPI_ISL_509475|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/South Africa/KRISP-K002896/2020|2020-09-03|EPI_ISL_602708|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-47EA0B/2020|2020-10-11|EPI_ISL_595537|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC11176/2020|2020-07-25|EPI_ISL_563284|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20169022304/2020|2020-04-17|EPI_ISL_465213|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Chile/RM-CMM-HRG4342/2020|2020-05-29|EPI_ISL_591526|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Medicina Norte U Chile - Servicio Medico Legal|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/USA/WA-S1926/2020|2020-06-03|EPI_ISL_497354|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-2426A/2020|2020-03-16|EPI_ISL_418157|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-821A9/2020|2020-04-20|EPI_ISL_438628|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A4A4/2020|2020-11-02|EPI_ISL_652559|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-SC742/2020|2020-11-17|EPI_ISL_779834|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/MN-GMF-32870/2020|2020-11-10|EPI_ISL_661167|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUA-9C8A1C/2020|2020-09-10|EPI_ISL_567175|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CC77B9/2020|2020-12-21|EPI_ISL_760351|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1840/2020|2020-03-23|EPI_ISL_424252|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-3717/2020|2020-08-01|EPI_ISL_548434|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/VC-IBV-98003580/2020|2020-03-30|EPI_ISL_537993|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/EDB4391/2020|2020-05-01|EPI_ISL_449307|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Italy/APU-UniMI-5410/2020|2020-04-11|EPI_ISL_525561|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics)|Chiara|Italy

>Spike|hCoV-19/Scotland/QEUA-9E4537/2020|2020-09-23|EPI_ISL_600956|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-5C2102/2020|2020-06-15|EPI_ISL_558625|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A84E/2020|2020-11-03|EPI_ISL_652604|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A20905/2020|2020-10-01|EPI_ISL_587597|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-806D9/2020|2020-04-10|EPI_ISL_470517|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-121A37/2020|2020-03-13|EPI_ISL_440262|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B47D0B/2020|2020-11-07|EPI_ISL_649199|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC_AQ3/2020|2020-04-03|EPI_ISL_476511|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/MILK-B388DF/2020|2020-11-01|EPI_ISL_659068|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22203/2020|2020-12-14|EPI_ISL_757937|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C5C40D/2020|2020-12-14|EPI_ISL_769289|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A0113F/2020|2020-10-02|EPI_ISL_585580|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11395/2020|2020-11-02|EPI_ISL_670886|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9C1D83/2020|2020-09-09|EPI_ISL_573233|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0802/2020|2020-07-14|EPI_ISL_514148|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-B8DD63/2020|2020-11-13|EPI_ISL_674798|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8267/2020|2020-08-00|EPI_ISL_687366|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8173/2020|2020-10-26|EPI_ISL_617217|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20365/2020|2020-03-14|EPI_ISL_450576|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Spain/MD-IBV-99012311/2020|2020-11-18|EPI_ISL_779972|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Greece/153_33892/2020|2020-03-14|EPI_ISL_437902|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/QEUEH-9B5432/2020|2020-09-03|EPI_ISL_590461|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8C4AB/2020|2020-11-13|EPI_ISL_674220|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12412/2020|2020-11-16|EPI_ISL_682593|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AD2DD9/2020|2020-10-26|EPI_ISL_629914|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F917945/2020|2020-03-25|EPI_ISL_576223|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Kenya/C1102/2020|2020-04-19|EPI_ISL_568708|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/ALDP-AA269B/2020|2020-10-22|EPI_ISL_630774|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D940B/2020|2020-09-18|EPI_ISL_576726|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/204591532/2020|2020-11-07|EPI_ISL_700675|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484783/2020|2020-10-24|EPI_ISL_628042|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-110233/2020|2020-04-11|EPI_ISL_441486|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC8075/2020|2020-08-15|EPI_ISL_564834|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-2685/2020|2020-08-25|EPI_ISL_667281|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/VIC8916/2020|2020-07-22|EPI_ISL_565282|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9F4877/2020|2020-09-25|EPI_ISL_588357|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC543/2020|2020-10-21|EPI_ISL_634485|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A945AE/2020|2020-10-20|EPI_ISL_624574|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E9CF/2020|2020-10-15|EPI_ISL_607951|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6230/2020|2020-07-22|EPI_ISL_518226|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49F1F0/2020|2020-12-08|EPI_ISL_743180|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-963BA7/2020|2020-08-11|EPI_ISL_531494|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17818/2020|2020-07-27|EPI_ISL_779473|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/MILK-970424/2020|2020-08-18|EPI_ISL_553247|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3243B/2020|2020-11-05|EPI_ISL_659266|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B88551/2020|2020-11-13|EPI_ISL_674373|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3360/2020|2020-04-09|EPI_ISL_487708|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2056/2020|2020-04-00|EPI_ISL_685661|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9537C4/2020|2020-06-08|EPI_ISL_553742|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/North Macedonia/9360/2020|2020-08-05|EPI_ISL_677726|Original|hCoV-19^^Ohrid|Human|General Hospital - Ohrid|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/USA/NM-UNM-00134/2020|2020-04-02|EPI_ISL_467652|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/Wales/PHWC-3009E/2020|2020-04-01|EPI_ISL_446271|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0084v1/2020|2020-04-13|EPI_ISL_644318|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/CAMC-B3336A/2020|2020-11-05|EPI_ISL_659186|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH5887S/2020|2020-11-05|EPI_ISL_733318|Original|hCoV-19^^Saint Petersburg|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/MN-MDH-2228/2020|2020-12-04|EPI_ISL_770802|Original|hCoV-19^^Minnesota|Human|Vault Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/CA-CZB-14642/2020|2020-11-16|EPI_ISL_738860|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Singapore/474/2020|2020-03-08|EPI_ISL_476810|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine\nTan Tock Seng Hospital|Department of Laboratory Medicine\nTan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/Scotland/QEUH-9AE77F/2020|2020-09-02|EPI_ISL_577371|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000135/2020|2020-04-02|EPI_ISL_631626|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-15460/2020|2020-11-23|EPI_ISL_713835|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4130/2020|2020-07-00|EPI_ISL_692369|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Finland/S7AA11/2020|2020-10-10|EPI_ISL_737054|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Denmark/DCGC-11706/2020|2020-10-26|EPI_ISL_671083|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-12923/2020|2020-12-07|EPI_ISL_712466|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3D736/2020|2020-12-10|EPI_ISL_731843|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3263/2020|2020-09-07|EPI_ISL_635938|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/MH-BJMC-29654/2020|2020-07-28|EPI_ISL_728326|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/LA-EVTL310/2020|2020-05-12|EPI_ISL_578717|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-B6932F/2020|2020-11-11|EPI_ISL_661477|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1316/2020|2020-08-27|EPI_ISL_536688|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMB-75BAB/2020|2020-03-28|EPI_ISL_438307|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/MILK-D07EE4/2020|2020-12-19|EPI_ISL_781798|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-5CFFDE/2020|2020-06-20|EPI_ISL_558552|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-2106/2020|2020-10-21|EPI_ISL_677141|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA
>Spike|hCoV-19/England/CAMC-A41D4E/2020|2020-10-06|EPI_ISL_609355|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13715/2020|2020-08-20|EPI_ISL_788809|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/CAMB-7C89E/2020|2020-04-04|EPI_ISL_442102|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-108869/2020|2020-09-12|EPI_ISL_585209|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/England/CAMB-7BAC6/2020|2020-04-04|EPI_ISL_441557|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Germany/BY-MVP-0067/2020|2020-03-25|EPI_ISL_437264|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany
>Spike|hCoV-19/Scotland/QEUH-A79035/2020|2020-10-13|EPI_ISL_638988|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/LIVE-9C75F/2020|2020-04-02|EPI_ISL_449575|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Chile/RM-128531/2020|2020-07-19|EPI_ISL_746619|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spike|hCoV-19/Denmark/DCGC-1487/2020|2020-05-25|EPI_ISL_617971|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-B54934/2020|2020-11-09|EPI_ISL_658258|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORW-E7791/2020|2020-05-04|EPI_ISL_449070|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/CAMB-7224F/2020|2020-03-28|EPI_ISL_439603|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/SHEF-CA6E2/2020|2020-04-03|EPI_ISL_432491|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/CAMC-A6546D/2020|2020-10-11|EPI_ISL_608354|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-117490/2020|2020-10-22|EPI_ISL_611831|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14877/2020|2020-10-14|EPI_ISL_786361|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AR-IBV-2467/2020|2020-03-18|EPI_ISL_468801|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-UW-6971/2020|2020-03-30|EPI_ISL_570152|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUH-9F5D77/2020|2020-09-27|EPI_ISL_600673|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201131031/2020|2020-05-01|EPI_ISL_634906|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14253/2020|2020-10-04|EPI_ISL_787538|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C8E9E5/2020|2020-12-15|EPI_ISL_777593|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20294/2020|2020-11-17|EPI_ISL_723433|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMB-1AEC2/2020|2020-05-06|EPI_ISL_448071|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499C5F/2020|2020-12-02|EPI_ISL_727422|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1766/2020|2020-03-17|EPI_ISL_604087|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MA-Yale-441/2020|2020-04-11|EPI_ISL_738255|Original|hCoV-19^^Massachusetts|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/QEUH-9B90A3/2020|2020-09-07|EPI_ISL_549742|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5A321/2020|2020-11-06|EPI_ISL_658400|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C57E4/2020|2020-06-02|EPI_ISL_479215|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-9646B4/2020|2020-08-12|EPI_ISL_536856|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205180773/2020|2020-12-16|EPI_ISL_766088|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Canada/ON-S300/2020|2020-03-28|EPI_ISL_755859|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/NORW-221A18/2020|2020-12-19|EPI_ISL_764461|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19631/2020|2020-12-07|EPI_ISL_749071|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0961/2020|2020-03-29|EPI_ISL_583810|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0053v1/2020|2020-04-07|EPI_ISL_644274|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-2B6D0/2020|2020-04-00|EPI_ISL_445748|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Italy/PIE-SLL-NZ146/2020|2020-04-08|EPI_ISL_569884|Original|hCoV-19^^Piedmont|Human|Amedeo di savoia|Crosetto lab|Harbers|Italy

>Spike|hCoV-19/England/QEUH-769754/2020|2020-07-15|EPI_ISL_533111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5974/2020|2020-05-04|EPI_ISL_487664|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-CDC-2-3714461/2020|2020-11-11|EPI_ISL_751747|Original|hCoV-19^^Virginia|Human|VA-Division of Consolidated Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/CA-ALSR-5059/2020|2020-11-27|EPI_ISL_730324|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B0AC34/2020|2020-10-30|EPI_ISL_643335|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D932C/2020|2020-09-18|EPI_ISL_576719|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10170/2020|2020-07-06|EPI_ISL_789351|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16D792/2020|2020-09-25|EPI_ISL_577445|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2592/2020|2020-03-16|EPI_ISL_604883|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/India/UP-NBRI-N42-TCX099/2020|2020-04-16|EPI_ISL_516971|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/USA/CA-IGI-0382/2020|2020-07-20|EPI_ISL_754858|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_112/2020|2020-04-07|EPI_ISL_455301|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Germany/BE-ChVir8981/2020|2020-09-22|EPI_ISL_729413|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Hong Kong/VM20069002/2020|2020-07-22|EPI_ISL_602591|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/SHEF-C7630/2020|2020-06-15|EPI_ISL_484469|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-7091C1/2020|2020-06-30|EPI_ISL_557682|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C36AD/2020|2020-05-04|EPI_ISL_490589|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Israel/CVL-n26389/2020|2020-07-21|EPI_ISL_514297|Original|hCoV-19^^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/ALDP-A92C7E/2020|2020-10-19|EPI_ISL_611035|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-624/2020|2020-06-03|EPI_ISL_730079|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/NORT-1B723B7/2020|2020-11-27|EPI_ISL_724873|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-9612E0/2020|2020-08-04|EPI_ISL_532110|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12BA1F/2020|2020-05-18|EPI_ISL_469359|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP236/2020|2020-03-31|EPI_ISL_468005|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/South Africa/KRISP-0383/2020|2020-06-25|EPI_ISL_495524|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MA-MASPHL-00015/2020|2020-03-30|EPI_ISL_791521|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-AA4F8F/2020|2020-10-21|EPI_ISL_630902|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9EEC0B/2020|2020-09-24|EPI_ISL_580709|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6806/2020|2020-04-10|EPI_ISL_570147|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR5605/2020|2020-11-02|EPI_ISL_651864|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCEE6/2020|2020-10-01|EPI_ISL_587947|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/KE-NVRL-MPA57711/2020|2020-04-11|EPI_ISL_767797|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/OH-QDX-2050/2020|2020-03-18|EPI_ISL_604372|Original|hCoV-19^^Ohio|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/South Korea/KCDC2628/2020|2020-07-03|EPI_ISL_515030|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-A8B883/2020|2020-10-16|EPI_ISL_643193|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG280870/2020|2020-04-22|EPI_ISL_694203|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-9AB323/2020|2020-08-31|EPI_ISL_551061|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-9FB51F/2020|2020-09-28|EPI_ISL_600586|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B7EE7/2020|2020-09-08|EPI_ISL_590518|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205000694/2020|2020-12-00|EPI_ISL_710018|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUH-AAD047/2020|2020-10-21|EPI_ISL_652934|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Iran/SA-Isf-56/2020|2020-05-10|EPI_ISL_591341|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/USA/FL-BPHL-0615/2020|2020-04-03|EPI_ISL_508819|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-8547/2020|2020-08-00|EPI_ISL_686143|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS2399095/2020|2020-10-30|EPI_ISL_740114|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/GCVR-17191D/2020|2020-03-28|EPI_ISL_489640|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7110/2020|2020-08-03|EPI_ISL_514534|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/AZ-TG619658/2020|2020-08-18|EPI_ISL_695707|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Spain/MD-ISCI-2014656/2020|2020-08-18|EPI_ISL_691716|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00ednico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/USA/AZ-TG640880/2020|2020-03-26|EPI_ISL_695808|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-15C3A1/2020|2020-03-29|EPI_ISL_472479|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0632/2020|2020-05-15|EPI_ISL_698788|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC6547/2020|2020-07-17|EPI_ISL_521317|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB868/2020|2020-04-04|EPI_ISL_433260|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-952E48/2020|2020-06-11|EPI_ISL_553686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDD41/2020|2020-05-05|EPI_ISL_584516|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Australia/VIC16419/2020|2020-08-09|EPI_ISL_640428|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS7330392/2020|2020-10-24|EPI_ISL_744553|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/South Korea/KCDC2485/2020|2020-06-11|EPI_ISL_514888|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-18564/2020|2020-12-07|EPI_ISL_749339|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2009540/2020|2020-07-19|EPI_ISL_605220|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/South Africa/KRISP-K002676/2020|2020-08-02|EPI_ISL_535541|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Spain/MD-IBV-99012459/2020|2020-11-19|EPI_ISL_780087|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Russia/Novy_Urengoy-RII24787S/2020|2020-05-00|EPI_ISL_507223|Original|hCoV-19^^Yamalo-Nenets|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/ALAB-SSI-612/2020|2020-03-26|EPI_ISL_436994|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/CA-CZB-3997/2020|2020-07-30|EPI_ISL_548605|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/France/PAC-IHU-1609/2020|2020-09-04|EPI_ISL_569226|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-B38541/2020|2020-11-01|EPI_ISL_659042|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IN-CDC-4982/2020|2020-04-23|EPI_ISL_647986|Original|hCoV-19^^Indiana|Human|Indiana State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC2910/2020|2020-07-07|EPI_ISL_521741|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-DSHS-0463/2020|2020-06-21|EPI_ISL_541994|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-C48817/2020|2020-12-12|EPI_ISL_736494|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14036/2020|2020-09-16|EPI_ISL_592342|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1536/2020|2020-07-27|EPI_ISL_527601|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/LCST-24D6BCC/2020|2020-06-09|EPI_ISL_484224|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99007159/2020|2020-08-18|EPI_ISL_541929|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Singapore/1015/2020|2020-03-23|EPI_ISL_574500|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-A70089/2020|2020-10-15|EPI_ISL_608212|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC843B/2020|2020-10-21|EPI_ISL_629334|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C2082/2020|2020-04-24|EPI_ISL_479200|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC429/2020|2020-04-15|EPI_ISL_435496|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/QEUA-9F82FD/2020|2020-09-27|EPI_ISL_588977|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/SEARCH-5459/2020|2020-09-13|EPI_ISL_755246|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/TX-DSHS-1027/2020|2020-03-27|EPI_ISL_644181|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NM-UNM-00726/2020|2020-05-04|EPI_ISL_582153|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/LA-GBCL-26684485/2020|2020-04-04|EPI_ISL_485298|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Canada/ON-S746/2020|2020-04-09|EPI_ISL_591212|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Wales/PHWC-47D43B/2020|2020-10-06|EPI_ISL_586142|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489D6E/2020|2020-10-26|EPI_ISL_652488|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2113/2020|2020-05-00|EPI_ISL_685718|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-7643/2020|2020-10-19|EPI_ISL_618506|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1111/2020|2020-07-30|EPI_ISL_516536|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-97487F/2020|2020-08-21|EPI_ISL_575953|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CD500/2020|2020-04-22|EPI_ISL_453751|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20126002904/2020|2020-03-18|EPI_ISL_423875|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-9F781A/2020|2020-09-27|EPI_ISL_595706|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-A1937A/2020|2020-10-03|EPI_ISL_612507|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV11165/2020|2020-05-07|EPI_ISL_463010|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/ALDP-9CD349/2020|2020-09-15|EPI_ISL_566237|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-10819/2020|2020-07-14|EPI_ISL_547614|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-99426C/2020|2020-08-24|EPI_ISL_551618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-21F707/2020|2020-12-07|EPI_ISL_725042|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/BIRM-6591D/2020|2020-10-02|EPI_ISL_594595|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2488/2020|2020-03-24|EPI_ISL_468787|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Japan/PG-7786/2020|2020-07-00|EPI_ISL_686888|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A962E1/2020|2020-10-20|EPI_ISL_624771|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/816/2020|2020-08-11|EPI_ISL_516816|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUA-BC3D16/2020|2020-11-25|EPI_ISL_704164|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1F09/2020|2020-04-06|EPI_ISL_499295|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/skmc-3883762/2020|2020-09-22|EPI_ISL_582679|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-162DC8/2020|2020-05-31|EPI_ISL_473201|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20129145002/2020|2020-03-10|EPI_ISL_424111|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1035/2020|2020-11-23|EPI_ISL_722406|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-IGI-0331/2020|2020-07-16|EPI_ISL_576523|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Wales/PHWC-2B1B1/2020|2020-04-07|EPI_ISL_432418|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Shanghai/SH0073/2020|2020-02-05|EPI_ISL_416376|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/England/SHEF-D0995/2020|2020-10-08|EPI_ISL_596221|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-B660B2/2020|2020-11-10|EPI_ISL_655854|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-112222/2020|2020-04-30|EPI_ISL_484356|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-SR0371/2020|2020-04-29|EPI_ISL_458254|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-71C9D/2020|2020-03-31|EPI_ISL_439637|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B55951/2020|2020-11-05|EPI_ISL_657557|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C15989/2020|2020-12-05|EPI_ISL_709453|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-313/2020|2020-03-30|EPI_ISL_450773|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-B68F0E/2020|2020-11-11|EPI_ISL_662094|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200211/2020|2020-08-13|EPI_ISL_752770|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/CA-CZB-14646/2020|2020-11-16|EPI_ISL_739438|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/AZ-WL-CVG00023/2020|2020-10-05|EPI_ISL_765955|Original|hCoV-19^^Arizona|Human|Worobey Lab|Worobey Lab|Larsen|USA

>Spike|hCoV-19/Jordan/AM-ALSR-4970/2020|2020-10-03|EPI_ISL_730243|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Switzerland/ZG-ETHZ-410276/2020|2020-12-15|EPI_ISL_737908|Original|hCoV-19^^Zug|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/AR-IBV-98008108/2020|2020-10-07|EPI_ISL_654407|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUA-AAAE5F/2020|2020-10-21|EPI_ISL_652749|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NE-11443/2020|2020-05-05|EPI_ISL_475212|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/MILK-B95DA4/2020|2020-11-13|EPI_ISL_676027|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D2B2/2020|2020-10-06|EPI_ISL_586786|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-8810/2020|2020-03-19|EPI_ISL_418642|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUA-7C7226/2020|2020-07-23|EPI_ISL_532873|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00016/2020|2020-12-15|EPI_ISL_737251|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Australia/VIC2103/2020|2020-06-15|EPI_ISL_480711|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/IB-IBV-2591/2020|2020-04-15|EPI_ISL_468966|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/UT-03769/2020|2020-04-03|EPI_ISL_509585|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/South Korea/KDCA0356/2020|2020-10-20|EPI_ISL_760141|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Denmark/DCGC-7981/2020|2020-10-26|EPI_ISL_617141|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/SPE-RII-MH983S/2020|2020-09-04|EPI_ISL_596372|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/India/MH-CCMB-NIV5/2020|2020-03-17|EPI_ISL_450325|Original|hCoV-19^^Maharashtra|Human|NIV Pune|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/NORT-281C6B/2020|2020-03-23|EPI_ISL_478478|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Canada/ON-S106/2020|2020-03-21|EPI_ISL_586283|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR08021/2020|2020-11-09|EPI_ISL_732419|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-6787/2020|2020-06-25|EPI_ISL_546243|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB10112/2020|2020-10-07|EPI_ISL_680474|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/QEUH-76BC17/2020|2020-07-16|EPI_ISL_533125|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L2-CAMPI61/2020|2020-04-18|EPI_ISL_476342|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Faria|Brazil

>Spike|hCoV-19/England/ALDP-A6E9FC/2020|2020-10-15|EPI_ISL_607655|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C643E7/2020|2020-12-14|EPI_ISL_778372|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7865/2020|2020-07-00|EPI_ISL_686966|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Hong Kong/VM20134146/2020|2020-10-18|EPI_ISL_730615|Original|hCoV-19^^Hong Kong|Human|United Christian Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/QEUH-C7FE51/2020|2020-12-16|EPI_ISL_762648|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-96DB16/2020|2020-08-20|EPI_ISL_530690|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM14752712/2020|2020-11-09|EPI_ISL_753327|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Wales/PHWC-4A327E/2020|2020-12-14|EPI_ISL_744077|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2163/2020|2020-12-03|EPI_ISL_708501|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-18763/2020|2020-12-07|EPI_ISL_748541|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-RP21/2020|2020-04-05|EPI_ISL_613708|Original|hCoV-19^^S\u00e3o Paulo|Human|Laboratory of Molecular Biology|Laboratory of Molecular Biology|Slavov|Brazil

>Spike|hCoV-19/Switzerland/BL-ETHZ-350014/2020|2020-11-03|EPI_ISL_693788|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-2891/2020|2020-06-09|EPI_ISL_543859|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/PA-MGEL113/2020|2020-00-00|EPI_ISL_454389|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/Scotland/EDB11104/2020|2020-12-04|EPI_ISL_763649|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-19968/2020|2020-09-12|EPI_ISL_547848|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUEH-B11D19/2020|2020-11-02|EPI_ISL_642300|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B0DF0/2020|2020-09-03|EPI_ISL_559866|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TN-CDC-8411/2020|2020-03-09|EPI_ISL_576175|Original|hCoV-19^^Tennessee|Human|TN Division of Laboratory Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-700221/2020|2020-06-29|EPI_ISL_557556|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-233/2020|2020-05-15|EPI_ISL_735300|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/LIVE-AAC8C/2020|2020-07-28|EPI_ISL_540606|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-A82E5D/2020|2020-10-13|EPI_ISL_610658|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_95/2020|2020-03-17|EPI_ISL_422855|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Germany/NW-HHU-247/2020|2020-09-19|EPI_ISL_631380|Original|hCoV-19^^North Rhine-Westphalia|Human|University Hospital Cologne|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/UT-UPHL-2009341/2020|2020-05-15|EPI_ISL_524939|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC8391/2020|2020-08-12|EPI_ISL_564979|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-12505EF/2020|2020-10-23|EPI_ISL_665220|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2299/2020|2020-11-25|EPI_ISL_728065|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-S29/2020|2020-03-02|EPI_ISL_417082|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-5847/2020|2020-06-30|EPI_ISL_547059|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9FF4D2/2020|2020-09-29|EPI_ISL_600357|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A57EBB/2020|2020-10-08|EPI_ISL_597168|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9354/2020|2020-11-07|EPI_ISL_665725|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-A68497/2020|2020-10-12|EPI_ISL_608590|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/Kraljevo-01242507/2020|2020-07-24|EPI_ISL_582531|Original|hCoV-19^^Kraljevo|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/Luxembourg/LNS4573955/2020|2020-10-30|EPI_ISL_740498|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-CC09AB/2020|2020-12-20|EPI_ISL_778234|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00228636/2020|2020-03-20|EPI_ISL_535874|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-16E913/2020|2020-10-02|EPI_ISL_585790|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-14712/2020|2020-09-24|EPI_ISL_708815|Vero P1|hCoV-19^^Bangkok|Human|Urban Institute for Disease Prevention and Control|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Denmark/DCGC-3782/2020|2020-05-04|EPI_ISL_622624|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9EE588/2020|2020-09-23|EPI_ISL_580832|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-43/2020|2020-03-12|EPI_ISL_751330|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Portugal/PT0468/2020|2020-04-18|EPI_ISL_454192|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/NORT-297D6F/2020|2020-04-23|EPI_ISL_488090|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG493821/2020|2020-07-13|EPI_ISL_695236|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-20820/2020|2020-12-21|EPI_ISL_758919|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB9453/2020|2020-10-31|EPI_ISL_652057|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A410DC/2020|2020-10-06|EPI_ISL_625438|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3846/2020|2020-07-00|EPI_ISL_692097|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-S1986/2020|2020-11-24|EPI_ISL_755699|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CWAR-24FDA68/2020|2020-05-01|EPI_ISL_584471|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/QEUA-B13236/2020|2020-11-02|EPI_ISL_642246|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-110445/2020|2020-04-07|EPI_ISL_451868|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-B32064/2020|2020-11-04|EPI_ISL_646257|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E944/2020|2020-12-08|EPI_ISL_743070|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hungary/US-57523w/2020|2020-10-02|EPI_ISL_677785|Original|hCoV-19^^B\u00e9lcs-Kiskun county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/AZ-TG670168/2020|2020-04-30|EPI_ISL_696366|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-9907F8/2020|2020-08-29|EPI_ISL_551902|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008867/2020|2020-05-27|EPI_ISL_524984|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-7DC46/2020|2020-04-07|EPI_ISL_441576|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC10245/2020|2020-08-14|EPI_ISL_562839|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Korea/KDCA0425/2020|2020-11-14|EPI_ISL_760209|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/NY-NYCPHL-000360/2020|2020-03-12|EPI_ISL_631864|Original|hCoV-19^^New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14432/2020|2020-10-07|EPI_ISL_787717|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC5649/2020|2020-07-16|EPI_ISL_518460|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1839/2020|2020-09-11|EPI_ISL_605711|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/ON-UHTC_0011/2020|2020-03-27|EPI_ISL_464017|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Brazil/SP-L32-CD840/2020|2020-04-14|EPI_ISL_722045|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/England/QEUA-9B3FBB/2020|2020-09-03|EPI_ISL_559873|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-AB23DD/2020|2020-10-23|EPI_ISL_623776|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-77F61/2020|2020-04-01|EPI_ISL_441120|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-0618/2020|2020-04-00|EPI_ISL_684228|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ecuador/52872/2020|2020-05-28|EPI_ISL_491946|Original|hCoV-19^^Los Rios|Human|Instituto Nacional de Investigaci\u00f3n en Salud P\u00fablica - INSPI|INSPI - Charit\u00e9|Bruno Caicedo|Ecuador

>Spike|hCoV-19/England/ALDP-9CACD8/2020|2020-09-16|EPI_ISL_575668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0420/2020|2020-07-20|EPI_ISL_756322|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20261/2020|2020-03-18|EPI_ISL_447060|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-CZB-11793/2020|2020-09-22|EPI_ISL_625636|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/UT-UPHL-2009385/2020|2020-05-22|EPI_ISL_605149|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Taiwan/NTU09/2020|2020-03-14|EPI_ISL_422412|Vero E6|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/Scotland/QEUH-9DCB21/2020|2020-09-22|EPI_ISL_601158|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19597/2020|2020-12-07|EPI_ISL_749050|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/ALAB-SSI172/2020|2020-03-09|EPI_ISL_429385|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-2153/2020|2020-08-10|EPI_ISL_617451|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10707/2020|2020-07-08|EPI_ISL_789595|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-2000/2020|2020-10-29|EPI_ISL_634874|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Kenya/C6958/2020|2020-05-15|EPI_ISL_568819|Original|hCoV-19^^Taita Taveta|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Germany/BY-MVP-V2012622/2020|2020-03-19|EPI_ISL_420911|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/MILK-B3DB59/2020|2020-11-01|EPI_ISL_741392|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16635/2020|2020-11-16|EPI_ISL_714884|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/QEUH-96DD10/2020|2020-08-20|EPI_ISL_530685|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in

Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON-S780/2020|2020-04-00|EPI_ISL_591226|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/Japan/PG-0510/2020|2020-04-00|EPI_ISL_684175|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/NORW-ECD6D/2020|2020-05-29|EPI_ISL_472346|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/MD-HP00143/2020|2020-03-17|EPI_ISL_457774|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA
>Spike|hCoV-19/England/QEUH-9F812D/2020|2020-09-27|EPI_ISL_595732|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Spain/PV-IBV-98008321/2020|2020-10-08|EPI_ISL_654541|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/Australia/VIC4485/2020|2020-07-16|EPI_ISL_519781|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/India/GJ-GBRC185a/2020|2020-06-03|EPI_ISL_469025|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/England/201120239/2020|2020-03-09|EPI_ISL_464670|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-B84142/2020|2020-11-14|EPI_ISL_675458|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-6113/2020|2020-08-00|EPI_ISL_689225|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-19430/2020|2020-12-07|EPI_ISL_748939|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Switzerland/BE-ETHZ-220059/2020|2020-07-25|EPI_ISL_512029|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/TX-HMH-7573/2020|2020-06-25|EPI_ISL_546863|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Panama/336231/2020|2020-04-04|EPI_ISL_496838|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama
>Spike|hCoV-19/England/ALDP-9509FE/2020|2020-06-14|EPI_ISL_554491|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AD34F1/2020|2020-10-26|EPI_ISL_634241|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC21936/2020|2020-09-26|EPI_ISL_576202|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Gibraltar/205121257/2020|2020-00-00|EPI_ISL_766376|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19/England/BRIS-18531E2/2020|2020-04-02|EPI_ISL_492223|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3594/2020|2020-08-31|EPI_ISL_616237|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B07781/2020|2020-10-30|EPI_ISL_643921|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-712/2020|2020-10-02|EPI_ISL_632559|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-3399/2020|2020-04-00|EPI_ISL_691513|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR3965/2020|2020-08-10|EPI_ISL_517581|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/IC-0100/2020|2020-07-00|EPI_ISL_591441|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B98C1/2020|2020-11-07|EPI_ISL_664947|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4217/2020|2020-09-14|EPI_ISL_622110|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Costa Rica/INC-0156/2020|2020-10-01|EPI_ISL_770027|Original|hCoV-19^^Heredia|Human|Area De Salud La Cruz|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Denmark/DCGC-9442/2020|2020-11-09|EPI_ISL_668974|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B3F3C/2020|2020-04-10|EPI_ISL_534919|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-12B8D9/2020|2020-05-18|EPI_ISL_469347|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20395/2020|2020-12-21|EPI_ISL_759123|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/GA-IBV-004060/2020|2020-03-18|EPI_ISL_510298|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-2005/2020|2020-05-18|EPI_ISL_545064|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC273/2020|2020-03-22|EPI_ISL_419966|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-8490/2020|2020-07-01|EPI_ISL_780589|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6528/2020|2020-08-00|EPI_ISL_687642|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20119068004/2020|2020-03-14|EPI_ISL_465094|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-99036D/2020|2020-08-26|EPI_ISL_539996|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1274513/2020|2020-11-15|EPI_ISL_739913|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MA-MGH-03579/2020|2020-12-02|EPI_ISL_765891|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/MI-QDX-2168/2020|2020-03-17|EPI_ISL_604472|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-19489/2020|2020-12-07|EPI_ISL_748984|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AC8EC4/2020|2020-10-22|EPI_ISL_629567|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-A52991/2020|2020-10-07|EPI_ISL_609218|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19594/2020|2020-11-23|EPI_ISL_783965|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9F4BBA/2020|2020-09-25|EPI_ISL_588298|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-58/2020|2020-06-04|EPI_ISL_603165|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/England/NORT-28D50A/2020|2020-11-17|EPI_ISL_706342|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7D11F/2020|2020-11-14|EPI_ISL_741849|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-UW121/2020|2020-03-11|EPI_ISL_416659|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Russia/MUR-RII-MH6337S/2020|2020-11-11|EPI_ISL_733384|Original|hCoV-19^^Murmansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-22236/2020|2020-12-14|EPI_ISL_758629|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2D0F4/2020|2020-10-06|EPI_ISL_586642|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14014/2020|2020-11-30|EPI_ISL_711517|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/201180172/2020|2020-03-10|EPI_ISL_464891|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A1F505/2020|2020-10-01|EPI_ISL_598963|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3096/2020|2020-04-00|EPI_ISL_691218|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Latvia/070/2020|2020-06-05|EPI_ISL_501286|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/HECH-259A905/2020|2020-00-00|EPI_ISL_652068|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Wales/MILK-A6B106/2020|2020-10-09|EPI_ISL_625407|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10910/2020|2020-09-05|EPI_ISL_563150|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/SH-ETHZ-100808/2020|2020-03-26|EPI_ISL_451758|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-10097/2020|2020-06-30|EPI_ISL_672212|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-31130/2020|2020-04-11|EPI_ISL_446408|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1147/2020|2020-04-25|EPI_ISL_529934|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/Scotland/CVR5328/2020|2020-10-24|EPI_ISL_651760|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C00A/2020|2020-11-10|EPI_ISL_655771|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4526/2020|2020-06-19|EPI_ISL_543692|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/QEUA-95ECBB/2020|2020-08-08|EPI_ISL_532300|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-292/2020|2020-04-16|EPI_ISL_527856|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal Prof. Waldomiro de Paula|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/TX-HMH-MCoV-13297/2020|2020-08-24|EPI_ISL_788445|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-C4BDD9/2020|2020-12-14|EPI_ISL_736691|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142061804/2020|2020-03-30|EPI_ISL_420772|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/EXET-1383E7/2020|2020-09-12|EPI_ISL_612095|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8839/2020|2020-07-01|EPI_ISL_780787|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-4375/2020|2020-06-17|EPI_ISL_543572|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-249ED/2020|2020-03-19|EPI_ISL_419467|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR3897/2020|2020-06-18|EPI_ISL_484679|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-AD2780/2020|2020-10-26|EPI_ISL_629769|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-557/2020|2020-08-29|EPI_ISL_700202|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/CA-CZB-2046/2020|2020-04-11|EPI_ISL_486290|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/MILK-99CCA2/2020|2020-08-30|EPI_ISL_549853|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C5562/2020|2020-09-21|EPI_ISL_573702|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-A004CE/2020|2020-09-30|EPI_ISL_600293|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20206139404/2020|2020-05-14|EPI_ISL_465664|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19409/2020|2020-11-30|EPI_ISL_783823|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-1280/2020|2020-04-02|EPI_ISL_437639|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUA-A8C6E2/2020|2020-10-18|EPI_ISL_643063|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C04B69/2020|2020-12-04|EPI_ISL_720869|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D20E/2020|2020-12-10|EPI_ISL_742750|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-959FC6/2020|2020-06-10|EPI_ISL_553578|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-975911/2020|2020-08-20|EPI_ISL_552624|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15297/2020|2020-10-21|EPI_ISL_786781|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-368FA/2020|2020-04-28|EPI_ISL_474729|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-03173/2020|2020-04-23|EPI_ISL_470738|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Scotland/CVR4487/2020|2020-09-20|EPI_ISL_585351|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-9DD5E6/2020|2020-09-21|EPI_ISL_599796|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-536/2020|2020-12-15|EPI_ISL_779946|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Scotland/GCVR-172475/2020|2020-03-30|EPI_ISL_469958|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670276/2020|2020-05-01|EPI_ISL_696447|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUA-9F7A14/2020|2020-09-27|EPI_ISL_595718|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AE00053/2020|2020-07-15|EPI_ISL_735382|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/USA/VA-DCLS-1521/2020|2020-08-08|EPI_ISL_581518|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Russia/Buryatia-87106/2020|2020-03-30|EPI_ISL_428919|Vero|hCoV-19^^Buryatia|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Japan/PG-5665/2020|2020-04-00|EPI_ISL_688789|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC22386/2020|2020-11-17|EPI_ISL_708366|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Denmark/DCGC-10171/2020|2020-11-09|EPI_ISL_668533|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B114F6/2020|2020-11-02|EPI_ISL_642382|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-070/2020|2020-03-26|EPI_ISL_428745|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/ALDP-A67DBB/2020|2020-10-10|EPI_ISL_608955|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020308126/2020|2020-08-24|EPI_ISL_602171|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/MI-UM-10035836175/2020|2020-09-07|EPI_ISL_583342|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/WI-CDC-8099/2020|2020-04-15|EPI_ISL_540437|original|hCoV-19^^Wisconsin|Human|WI State Laboratory of Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/BIRM-6A1E3/2020|2020-11-09|EPI_ISL_679028|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/BRIS-12FC15/2020|2020-04-04|EPI_ISL_492580|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C4C066/2020|2020-12-14|EPI_ISL_757107|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491518/2020|2020-06-19|EPI_ISL_695141|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-6972/2020|2020-10-12|EPI_ISL_619818|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-12125/2020|2020-03-22|EPI_ISL_419177|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-2223/2020|2020-08-10|EPI_ISL_617528|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B5561E/2020|2020-11-05|EPI_ISL_657568|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7E2CB/2020|2020-04-17|EPI_ISL_434062|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/QLDID937/2020|2020-03-22|EPI_ISL_444611|Original|hCoV-19^^Queensland|Human|Pathology Queensland|Public Health Virology Laboratory|Warrilow|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-234089/2020|2020-10-12|EPI_ISL_680340|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0182/2020|2020-03-11|EPI_ISL_538266|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Wales/PHWC-48A635/2020|2020-11-04|EPI_ISL_652578|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9F1151/2020|2020-09-25|EPI_ISL_589734|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98007306/2020|2020-09-14|EPI_ISL_654485|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital Cl\u00ednico Universitario de Valencia|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A6ED87/2020|2020-10-15|EPI_ISL_607784|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/3806/2020|2020-04-24|EPI_ISL_447244|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/Australia/VIC4974/2020|2020-07-15|EPI_ISL_519340|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B06FD/2020|2020-05-08|EPI_ISL_452912|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8902/2020|2020-07-02|EPI_ISL_780820|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT0389a/2020|2020-04-14|EPI_ISL_454105|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-C48A20/2020|2020-12-11|EPI_ISL_736639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410108/2020|2020-12-14|EPI_ISL_737565|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Italy/VEN-UniVR-6/2020|2020-03-08|EPI_ISL_492985|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/USA/NY-Wadsworth-18534-01/2020|2020-03-15|EPI_ISL_676744|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-BAC311/2020|2020-11-18|EPI_ISL_720662|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC8BCD/2020|2020-10-21|EPI_ISL_629476|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42205257/2020|2020-03-24|EPI_ISL_581741|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-CZB-12392/2020|2020-10-08|EPI_ISL_648510|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC10825/2020|2020-00-00|EPI_ISL_563112|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/ZH-ETHZ-280171/2020|2020-09-08|EPI_ISL_560547|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-2012681088/2020|2020-06-15|EPI_ISL_746340|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Spain/AR-IBV-005127/2020|2020-05-04|EPI_ISL_510389|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Japan/IC-0569/2020|2020-09-00|EPI_ISL_779248|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-1691D4/2020|2020-06-23|EPI_ISL_499418|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LEED-2AA3EF/2020|2020-04-03|EPI_ISL_538886|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4321/2020|2020-06-20|EPI_ISL_543530|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-95897E/2020|2020-06-15|EPI_ISL_554660|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B31760/2020|2020-11-04|EPI_ISL_676419|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/5May25S4/2020|2020-05-05|EPI_ISL_481696|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-1628A9/2020|2020-05-19|EPI_ISL_473134|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20G35434/2020|2020-03-20|EPI_ISL_605134|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/England/20132018704/2020|2020-03-23|EPI_ISL_423733|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB3524/2020|2020-04-13|EPI_ISL_487937|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2928/2020|2020-04-00|EPI_ISL_691054|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-6028/2020|2020-06-30|EPI_ISL_547177|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-A8BB8A/2020|2020-10-15|EPI_ISL_643089|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0444/2020|2020-11-17|EPI_ISL_720169|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22633/2020|2020-12-14|EPI_ISL_757506|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-640CE/2020|2020-10-19|EPI_ISL_651591|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/LIVE-A4BC1/2020|2020-03-10|EPI_ISL_500076|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1774/2020|2020-05-14|EPI_ISL_542830|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/GJ-GBRC-365/2020|2020-06-18|EPI_ISL_524718|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Scotland/QEUH-9B52ED/2020|2020-09-03|EPI_ISL_602075|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B0F428/2020|2020-11-02|EPI_ISL_642035|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EE7E5/2020|2020-00-00|EPI_ISL_529477|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/PORT-2CFD31/2020|2020-05-07|EPI_ISL_461990|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC13995/2020|2020-07-23|EPI_ISL_563916|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-201017152/2020|2020-04-07|EPI_ISL_594413|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/ON-OICR-SLB2841/2020|2020-04-03|EPI_ISL_538362|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Greece/238_31927/2020|2020-03-09|EPI_ISL_447645|unknown|hCoV-19^^Athens|Human|unknown|Department of Medicine|Submitter|Greece

>Spike|hCoV-19/England/MILK-A06334/2020|2020-10-01|EPI_ISL_600124|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0241/2020|2020-04-16|EPI_ISL_452816|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-235/2020|2020-07-06|EPI_ISL_487380|Original|hCoV-19^^Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Australia/VIC12689/2020|2020-07-25|EPI_ISL_592056|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Norway/5412/2020|2020-11-03|EPI_ISL_775328|Original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Faroe Islands/HFS-43/2020|2020-03-16|EPI_ISL_526946|Original|hCoV-19^^Faroe Islands|Human|Faroese National Reference Laboratory for Fish and Animal Diseases|Faroese National Reference Laboratory for Fish and Animal Diseases|Dahl|Faroe Islands

>Spike|hCoV-19/England/BRIS-12B5B4/2020|2020-05-22|EPI_ISL_487565|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0131/2020|2020-03-21|EPI_ISL_434831|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-10075/2020|2020-11-09|EPI_ISL_669380|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9FE1B/2020|2020-06-02|EPI_ISL_472066|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4988/2020|2020-11-10|EPI_ISL_705909|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012988875/2020|2020-10-22|EPI_ISL_746213|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/CN-IBV-97006493/2020|2020-03-26|EPI_ISL_537704|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-3638/2020|2020-03-17|EPI_ISL_548349|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Switzerland/SH-ETHZ-410734/2020|2020-12-12|EPI_ISL_737781|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUIH-962003/2020|2020-08-10|EPI_ISL_531702|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-BCD198/2020|2020-11-25|EPI_ISL_704244|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2904387/2020|2020-11-04|EPI_ISL_740215|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/EXET-13ACF9/2020|2020-11-10|EPI_ISL_664411|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B07736/2020|2020-10-30|EPI_ISL_643825|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-10128/2020|2020-04-01|EPI_ISL_547534|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/QEUIH-964A4F/2020|2020-08-11|EPI_ISL_531207|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-130001/2020|2020-05-05|EPI_ISL_466997|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-99DF5D/2020|2020-08-30|EPI_ISL_550664|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC737/2020|2020-03-21|EPI_ISL_451452|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Netherlands/NA_602/2020|2020-03-25|EPI_ISL_460765|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC16660/2020|2020-08-06|EPI_ISL_663550|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-4387/2020|2020-11-04|EPI_ISL_667541|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-SCCPHD-UC120/2020|2020-03-05|EPI_ISL_435599|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/QEUIH-9F53EE/2020|2020-09-25|EPI_ISL_638673|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR4886/2020|2020-10-06|EPI_ISL_651737|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-1BC794/2020|2020-11-29|EPI_ISL_723895|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-329FB/2020|2020-04-13|EPI_ISL_474380|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B22BEE/2020|2020-11-02|EPI_ISL_647283|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D1977/2020|2020-04-02|EPI_ISL_527453|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Wales/PHWC-167FEB/2020|2020-05-30|EPI_ISL_494187|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP4H03P/2020|2020-03-13|EPI_ISL_427539|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB5BE/2020|2020-08-26|EPI_ISL_585240|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-A8296B/2020|2020-10-12|EPI_ISL_610879|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0390/2020|2020-03-30|EPI_ISL_434977|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-4409/2020|2020-06-17|EPI_ISL_543598|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9B7324/2020|2020-09-07|EPI_ISL_590619|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0402/2020|2020-12-16|EPI_ISL_755511|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/SHEF-C483D/2020|2020-05-25|EPI_ISL_540728|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC6773/2020|2020-07-30|EPI_ISL_564046|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/R10403/2020|2020-06-02|EPI_ISL_490276|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Northern Ireland/NIRE-2335C7/2020|2020-09-18|EPI_ISL_680302|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FF71/2020|2020-10-15|EPI_ISL_608113|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5DDD5/2020|2020-11-08|EPI_ISL_723594|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-C61DCE/2020|2020-12-13|EPI_ISL_735598|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16009/2020|2020-07-10|EPI_ISL_785693|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-111CAD/2020|2020-06-05|EPI_ISL_472393|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/OXON-B1EF5/2020|2020-04-15|EPI_ISL_479101|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20146011804/2020|2020-04-01|EPI_ISL_421978|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Ghana/TTH10/2020|2020-03-27|EPI_ISL_515182|Original|hCoV-19^^Ghana|Human|Kumasi Centre for Collaborative Research in Tropical Medicine|Institute of Virology|El-Duah|Ghana

>Spike|hCoV-19/Denmark/DCGC-20476/2020|2020-12-21|EPI_ISL_759174|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR123/2020|2020-03-13|EPI_ISL_425666|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13168/2020|2020-08-26|EPI_ISL_788319|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204121763/2020|2020-10-05|EPI_ISL_609845|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168B40/2020|2020-05-30|EPI_ISL_494334|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B3DBC2/2020|2020-11-01|EPI_ISL_706246|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-310495/2020|2020-10-08|EPI_ISL_603564|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S587/2020|2020-04-01|EPI_ISL_438140|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/UT-UPHL-2008769/2020|2020-06-01|EPI_ISL_524802|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-C39E44/2020|2020-12-08|EPI_ISL_730967|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13989/2020|2020-06-16|EPI_ISL_738945|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MD-MDH-0528/2020|2020-12-01|EPI_ISL_778905|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Zimbabwe/ZW-7113/2020|2020-05-01|EPI_ISL_644738|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/England/ALDP-5A7130/2020|2020-06-13|EPI_ISL_558715|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A36E49/2020|2020-10-05|EPI_ISL_637346|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-250134/2020|2020-08-16|EPI_ISL_535640|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-GBCL-26544543/2020|2020-04-18|EPI_ISL_485124|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Japan/PG-4742/2020|2020-08-00|EPI_ISL_689878|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/MH-NVRL-20G32450/2020|2020-03-18|EPI_ISL_605121|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Canada/BC_08312782/2020|2020-05-00|EPI_ISL_477063|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Brazil/RS-2539/2020|2020-03-19|EPI_ISL_729808|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/CAMC-B07C46/2020|2020-10-29|EPI_ISL_643679|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-19/2020|2020-03-08|EPI_ISL_419683|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-A7C269/2020|2020-10-15|EPI_ISL_606574|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1409/2020|2020-07-11|EPI_ISL_572244|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/CVR1311/2020|2020-03-27|EPI_ISL_433537|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5398/2020|2020-09-14|EPI_ISL_615330|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A98DB/2020|2020-08-31|EPI_ISL_550838|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-98FB78/2020|2020-08-25|EPI_ISL_540023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2466/2020|2020-06-08|EPI_ISL_514869|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/LIVE-A9BBD/2020|2020-03-24|EPI_ISL_517333|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/ON-S62/2020|2020-03-19|EPI_ISL_586424|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CT-UW428/2020|2020-03-27|EPI_ISL_529158|Original|hCoV-19^^Connecticut|Human|University of Washington|University of Washington|Roychoudhury|USA

>Spike|hCoV-19/Singapore/580/2020|2020-05-20|EPI_ISL_483603|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Finland/3LS14AG3/2020|2020-10-03|EPI_ISL_756095|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/CA-ALSR-2420/2020|2020-07-06|EPI_ISL_635470|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19694/2020|2020-11-24|EPI_ISL_784048|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-21399/2020|2020-04-07|EPI_ISL_508994|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-10118/2020|2020-07-07|EPI_ISL_789327|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-96A1EA/2020|2020-08-13|EPI_ISL_536820|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11339/2020|2020-08-24|EPI_ISL_563336|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS9352817/2020|2020-11-29|EPI_ISL_770918|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/201180472/2020|2020-03-11|EPI_ISL_464917|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9C4175/2020|2020-09-07|EPI_ISL_566991|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC06E1/2020|2020-11-22|EPI_ISL_705074|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0312/2020|2020-03-22|EPI_ISL_445166|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-16F1CF/2020|2020-09-28|EPI_ISL_585926|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-QDX-1056/2020|2020-03-17|EPI_ISL_571693|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Germany/NW-UBI-21/2020|2020-04-07|EPI_ISL_602302|original|hCoV-19^^North Rhine-Westphalia|Human|Evangelisches Klinikum Bethel|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/Senegal/64166/2020|2020-06-12|EPI_ISL_476558|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/CAMC-B98D65/2020|2020-11-15|EPI_ISL_673690|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B19F/2020|2020-11-08|EPI_ISL_655517|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-5F0D5/2020|2020-05-05|EPI_ISL_473310|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUH-A21685/2020|2020-10-01|EPI_ISL_587425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B35474/2020|2020-11-05|EPI_ISL_659524|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A4614D/2020|2020-10-06|EPI_ISL_598757|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0258/2020|2020-09-07|EPI_ISL_548083|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Brazil/SP-822/2020|2020-04-29|EPI_ISL_776757|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Marilia|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/NORT-2A5FC2/2020|2020-10-12|EPI_ISL_637521|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0044/2020|2020-09-17|EPI_ISL_747285|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-13953/2020|2020-08-15|EPI_ISL_787245|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CDPHE-2004220771/2020|2020-04-22|EPI_ISL_710195|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/CA-CZB-12818/2020|2020-09-30|EPI_ISL_648469|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12591/2020|2020-08-31|EPI_ISL_790410|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB580/2020|2020-04-01|EPI_ISL_433203|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/India/DL-65112-CSIR-IGIB/2020|2020-08-11|EPI_ISL_636821|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/BIRM-5F327/2020|2020-05-04|EPI_ISL_456671|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/NORT-293E06/2020|2020-07-20|EPI_ISL_573329|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-956/2020|2020-00-00|EPI_ISL_561334|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Australia/VIC6612/2020|2020-07-19|EPI_ISL_521374|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9C2520/2020|2020-09-07|EPI_ISL_566490|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010091/2020|2020-03-26|EPI_ISL_779767|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00ednico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-49E64D/2020|2020-12-07|EPI_ISL_743027|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1109/2020|2020-06-11|EPI_ISL_513113|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-955935/2020|2020-06-12|EPI_ISL_554517|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6748939/2020|2020-10-21|EPI_ISL_744463|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/VA-DCLS-2095/2020|2020-10-21|EPI_ISL_677137|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-16617D/2020|2020-05-15|EPI_ISL_490843|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9EF781/2020|2020-09-23|EPI_ISL_594938|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-385/2020|2020-11-20|EPI_ISL_718059|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/ALDP-A6D641/2020|2020-10-14|EPI_ISL_607241|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-51DEF2/2020|2020-06-02|EPI_ISL_558976|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/K1r-119/2020|2020-05-00|EPI_ISL_591322|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/England/QEUEH-9BA02A/2020|2020-09-07|EPI_ISL_573571|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8561/2020|2020-11-00|EPI_ISL_740820|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/South Korea/KCDC2502/2020|2020-06-15|EPI_ISL_514905|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-9F9265/2020|2020-09-26|EPI_ISL_588847|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI351/2020|2020-03-23|EPI_ISL_429464|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/BRIS-12BD9E/2020|2020-05-09|EPI_ISL_469424|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG366721/2020|2020-06-02|EPI_ISL_694485|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/FL-BPHL-0716/2020|2020-03-31|EPI_ISL_509774|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21935/2020|2020-03-24|EPI_ISL_565992|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-A2E55E/2020|2020-10-06|EPI_ISL_586577|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490DDD/2020|2020-11-16|EPI_ISL_706572|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-79A20E/2020|2020-07-15|EPI_ISL_533034|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NCCS-NR-11688/2020|2020-07-14|EPI_ISL_721649|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/MN-CDC-6566/2020|2020-04-28|EPI_ISL_527731|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC16546/2020|2020-08-09|EPI_ISL_640340|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2598/2020|2020-04-16|EPI_ISL_484611|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001547/2020|2020-12-02|EPI_ISL_745462|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-9874/2020|2020-11-09|EPI_ISL_669244|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-485218/2020|2020-10-22|EPI_ISL_628158|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hong Kong/VB20211407/2020|2020-10-08|EPI_ISL_760050|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/USA/WI-UW-1674/2020|2020-09-11|EPI_ISL_605548|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Egypt/EGY-024/2020|2020-08-14|EPI_ISL_526979|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/England/CAMC-B9954E/2020|2020-11-15|EPI_ISL_673380|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10477/2020|2020-07-17|EPI_ISL_562928|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-7581/2020|2020-07-00|EPI_ISL_686683|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012317157/2020|2020-08-03|EPI_ISL_745599|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUEH-9DBFDB/2020|2020-09-22|EPI_ISL_575392|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4751/2020|2020-11-10|EPI_ISL_703121|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-8E153B/2020|2020-06-25|EPI_ISL_557004|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-517/2020|2020-11-05|EPI_ISL_729790|Original|hCoV-19^^Connecticut|Human|Grubaugh Lab - Yale School of Public Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Italy/APU-IZSPB_316PT/2020|2020-10-31|EPI_ISL_653810|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Poland/PL_P18/2020|2020-03-31|EPI_ISL_451979|Original|hCoV-19^^Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/Wales/PHWC-2614D/2020|2020-03-25|EPI_ISL_422208|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB31C/2020|2020-04-19|EPI_ISL_470255|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B7EF6/2020|2020-09-08|EPI_ISL_590480|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20422147804/2020|2020-09-00|EPI_ISL_584065|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC907/2020|2020-05-07|EPI_ISL_467400|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Belgium/ULG-10696/2020|2020-10-26|EPI_ISL_636668|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/20142024404/2020|2020-03-29|EPI_ISL_423451|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-F9DE5/2020|2020-12-08|EPI_ISL_725443|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0467/2020|2020-11-11|EPI_ISL_682077|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/CAMC-B330AF/2020|2020-11-05|EPI_ISL_659369|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1667F3/2020|2020-06-27|EPI_ISL_494043|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-744B9F/2020|2020-06-29|EPI_ISL_557359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-10176/2020|2020-04-15|EPI_ISL_479493|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Denmark/DCGC-11304/2020|2020-11-02|EPI_ISL_670768|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-1009/2020|2020-04-05|EPI_ISL_436650|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/MI-UM-10035692627/2020|2020-08-28|EPI_ISL_583279|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Germany/TH-IIMK-CaSe-5/2020|2020-05-19|EPI_ISL_728294|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/England/MILK-974D61/2020|2020-08-21|EPI_ISL_552511|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4A8E/2020|2020-10-21|EPI_ISL_625091|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74D23/2020|2020-11-12|EPI_ISL_662270|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29FF5/2020|2020-04-03|EPI_ISL_432344|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH1979S/2020|2020-05-28|EPI_ISL_596325|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-A587FB/2020|2020-10-08|EPI_ISL_597079|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D6F67/2020|2020-09-20|EPI_ISL_584338|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2713D/2020|2020-03-29|EPI_ISL_422155|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B56677/2020|2020-11-05|EPI_ISL_657453|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S399/2020|2020-03-28|EPI_ISL_434159|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/AL-QDX-244/2020|2020-04-28|EPI_ISL_498695|Original|hCoV-19^^Alabama|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-A6BA65/2020|2020-10-09|EPI_ISL_608761|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E6E9/2020|2020-10-12|EPI_ISL_595490|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8929027/2020|2020-10-20|EPI_ISL_744824|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-66CC26/2020|2020-07-03|EPI_ISL_558089|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5318/2020|2020-09-14|EPI_ISL_615249|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-76F71/2020|2020-03-31|EPI_ISL_425442|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AAD126/2020|2020-10-21|EPI_ISL_652942|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036424368/2020|2020-10-13|EPI_ISL_610104|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/CA-ALSR-3717/2020|2020-06-05|EPI_ISL_636163|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/AN-IBV-98001780/2020|2020-04-04|EPI_ISL_538153|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-11468/2020|2020-11-02|EPI_ISL_670934|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr450/2020|2020-09-07|EPI_ISL_636889|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Brazil/SP-137/2020|2020-04-01|EPI_ISL_515543|Original|hCoV-19^^S\u00e3o Paulo|Human|Servi\u00e7o de Vigil\u00e2ncia Sanit\u00e1ria e Epidemiol\u00f3gica|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-13385/2020|2020-11-30|EPI_ISL_712767|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-1B61166/2020|2020-10-15|EPI_ISL_637787|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001235/2020|2020-11-06|EPI_ISL_683872|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-450/2020|2020-08-12|EPI_ISL_523788|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/NoordBrabant_10039/2020|2020-03-16|EPI_ISL_454788|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-A1EAAD/2020|2020-09-29|EPI_ISL_587563|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB613/2020|2020-03-31|EPI_ISL_433216|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-9E02BC/2020|2020-09-18|EPI_ISL_601314|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2644869/2020|2020-10-23|EPI_ISL_740162|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/UT-UPHL-2012124802/2020|2020-12-01|EPI_ISL_746975|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Japan/PG-8539/2020|2020-07-00|EPI_ISL_686135|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B1BF46/2020|2020-11-01|EPI_ISL_645640|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV16498/2020|2020-05-12|EPI_ISL_463047|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/ALDP-AA1359/2020|2020-10-22|EPI_ISL_623968|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15330/2020|2020-11-23|EPI_ISL_713766|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4871DD/2020|2020-10-13|EPI_ISL_639172|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08427/2020|2020-05-13|EPI_ISL_524203|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/DE-DHSS-F981541/2020|2020-08-29|EPI_ISL_693743|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Germany/NW-HHU-77/2020|2020-03-12|EPI_ISL_523948|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/NE-10832/2020|2020-05-04|EPI_ISL_475184|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/MILK-973324/2020|2020-08-19|EPI_ISL_575904|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B53838/2020|2020-11-08|EPI_ISL_656821|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036634235/2020|2020-10-26|EPI_ISL_650036|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Thailand/WU11-3/2020|2020-03-16|EPI_ISL_450959|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/England/ALDP-5A44EF/2020|2020-06-13|EPI_ISL_558811|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17986/2020|2020-12-14|EPI_ISL_749536|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C8909A/2020|2020-12-17|EPI_ISL_762931|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B983AF/2020|2020-11-15|EPI_ISL_673619|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A0AD14/2020|2020-10-03|EPI_ISL_599187|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14894/2020|2020-08-31|EPI_ISL_593049|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Hong Kong/HKU-IHCE0511-001a/2020|2020-01-29|EPI_ISL_538524|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/England/QEUA-A0083B/2020|2020-09-30|EPI_ISL_600267|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1042/2020|2020-08-01|EPI_ISL_517932|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-A97DB2/2020|2020-12-13|EPI_ISL_741011|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-4006/2020|2020-07-00|EPI_ISL_692247|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-E8587/2020|2020-04-16|EPI_ISL_449161|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F0D1/2020|2020-10-05|EPI_ISL_585912|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-6011/2020|2020-07-00|EPI_ISL_689124|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/GSTT-265D5EB/2020|2020-03-23|EPI_ISL_483985|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002736/2020|2020-08-15|EPI_ISL_529734|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/SHEF-C9D57/2020|2020-08-15|EPI_ISL_517560|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14209/2020|2020-10-05|EPI_ISL_787494|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B2C71/2020|2020-05-19|EPI_ISL_456716|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-A2238D/2020|2020-10-01|EPI_ISL_587411|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/BD-0407280/2020|2020-04-07|EPI_ISL_464074|Original|hCoV-19^^Dour|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-20180/2020|2020-11-30|EPI_ISL_748032|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C213B/2020|2020-09-11|EPI_ISL_566617|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7956/2020|2020-10-26|EPI_ISL_618903|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Poland/Sla3/2020|2020-05-05|EPI_ISL_451657|Original|hCoV-19^^Slask|Human|State Sanitary Inspectorate|Laboratory of Recombinant Vaccines|Rabalski|Poland

>Spike|hCoV-19/USA/CA-ALSR-3052/2020|2020-08-28|EPI_ISL_635816|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/SHEF-D3024/2020|2020-04-08|EPI_ISL_442516|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-BBDB7F/2020|2020-11-22|EPI_ISL_705618|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12372/2020|2020-11-16|EPI_ISL_682553|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-0928/2020|2020-06-05|EPI_ISL_568994|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/South Africa/KRISP-K003370/2020|2020-09-03|EPI_ISL_602760|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Latvia/182/2020|2020-09-27|EPI_ISL_639679|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

>Spike|hCoV-19/England/MILK-A9135C/2020|2020-10-16|EPI_ISL_638525|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-AB8DCA/2020|2020-10-21|EPI_ISL_623646|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201080009/2020|2020-03-05|EPI_ISL_464422|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A87AEB/2020|2020-10-17|EPI_ISL_606274|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3E4D6/2020|2020-10-05|EPI_ISL_609612|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7C3C0/2020|2020-10-15|EPI_ISL_606491|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B19A9/2020|2020-04-19|EPI_ISL_479059|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-BA16AA/2020|2020-11-18|EPI_ISL_719689|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-0254/2020|2020-04-01|EPI_ISL_470622|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Northern Ireland/NIRE-10345B/2020|2020-04-17|EPI_ISL_489312|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1998/2020|2020-09-25|EPI_ISL_677406|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/204490707/2020|2020-10-29|EPI_ISL_660756|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F5454/2020|2020-09-25|EPI_ISL_638678|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-3798/2020|2020-07-00|EPI_ISL_692049|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A91BBE/2020|2020-10-19|EPI_ISL_704845|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/BRE-8936/2020|2020-07-29|EPI_ISL_560604|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/VA-DCLS-1561/2020|2020-08-04|EPI_ISL_610125|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Portugal/PT1437/2020|2020-03-26|EPI_ISL_511396|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-ALSR-1202/2020|2020-04-24|EPI_ISL_494434|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00222575/2020|2020-03-15|EPI_ISL_535817|Original|hCoV-19^^Quebec|Human|H\u00f4pital Maisonneuve-Rosemont|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-BAB8AA/2020|2020-11-17|EPI_ISL_720521|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00090/2020|2020-04-03|EPI_ISL_791576|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15142/2020|2020-10-17|EPI_ISL_786626|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-AF57F0/2020|2020-10-30|EPI_ISL_662908|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13355/2020|2020-11-30|EPI_ISL_712746|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S2136/2020|2020-06-08|EPI_ISL_497564|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-ABC29A/2020|2020-10-21|EPI_ISL_631218|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F1039049/2020|2020-12-17|EPI_ISL_766988|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Scotland/GCVR-1702F5/2020|2020-03-24|EPI_ISL_459580|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9757BD/2020|2020-08-20|EPI_ISL_552678|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9366/2020|2020-07-03|EPI_ISL_781079|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC5041/2020|2020-07-16|EPI_ISL_519845|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-98F05B/2020|2020-08-24|EPI_ISL_540360|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-044/2020|2020-03-20|EPI_ISL_482326|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/ALDP-688019/2020|2020-07-02|EPI_ISL_551827|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC46AF/2020|2020-11-10|EPI_ISL_705902|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/EDB6364/2020|2020-06-06|EPI_ISL_478243|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-30775/2020|2020-11-02|EPI_ISL_661049|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/LIVE-AB571/2020|2020-06-15|EPI_ISL_612437|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009555/2020|2020-07-20|EPI_ISL_671852|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/NA_522/2020|2020-03-22|EPI_ISL_460695|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Africa/KRISP-0019/2020|2020-04-02|EPI_ISL_467434|Original|hCoV-19^^KwaZulu-Natal|Human|AMPATH-DBN|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-99318E/2020|2020-08-27|EPI_ISL_552020|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A92EB4/2020|2020-10-20|EPI_ISL_610989|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13DDE4/2020|2020-12-02|EPI_ISL_724293|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/EKHU-260EF81/2020|2020-03-26|EPI_ISL_501624|Original|hCoV-19^^England|Human|Lab Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-997E92/2020|2020-08-24|EPI_ISL_537157|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-11735-01/2020|2020-03-08|EPI_ISL_426290|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/India/MH-ACTREC-042/2020|2020-05-12|EPI_ISL_699698|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/MI-UM-10036857948/2020|2020-11-09|EPI_ISL_728445|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Spain/VC-IBV-98006465/2020|2020-06-27|EPI_ISL_657467|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CO-CDPHE-2010200546/2020|2020-10-19|EPI_ISL_677318|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Russia/SVE-RII-MH3111S/2020|2020-10-03|EPI_ISL_733090|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMB-7AF22/2020|2020-04-10|EPI_ISL_433895|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/NSW2634/2020|2020-07-22|EPI_ISL_678328|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/USA/WY-CDC-2-3714354/2020|2020-12-05|EPI_ISL_751643|Original|hCoV-19^^Wyoming|Human|WY Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Singapore/323ilmn/2020|2020-03-26|EPI_ISL_469100|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/FL-BPHL-1428/2020|2020-09-01|EPI_ISL_549210|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Germany/NW-HHU-399/2020|2020-11-01|EPI_ISL_718078|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/NOTT-10DF9C/2020|2020-03-14|EPI_ISL_425476|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-B02AD8/2020|2020-10-25|EPI_ISL_642887|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-UW-6365/2020|2020-04-01|EPI_ISL_570105|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-21158/2020|2020-12-21|EPI_ISL_759581|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-D04EF/2020|2020-04-17|EPI_ISL_462072|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15463/2020|2020-12-05|EPI_ISL_738808|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Belgium/ULG-10265/2020|2020-07-16|EPI_ISL_515072|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Portugal/PT0480/2020|2020-03-27|EPI_ISL_454204|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/FL-BPHL-1859/2020|2020-04-10|EPI_ISL_613937|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-A672CB/2020|2020-10-09|EPI_ISL_630512|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2054/2020|2020-04-09|EPI_ISL_453018|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_92/2020|2020-05-09|EPI_ISL_645091|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Denmark/DCGC-3622/2020|2020-08-31|EPI_ISL_616390|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-96F73E/2020|2020-08-19|EPI_ISL_540233|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG668409/2020|2020-04-20|EPI_ISL_696310|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-B0CC41/2020|2020-10-30|EPI_ISL_643469|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00232955/2020|2020-03-22|EPI_ISL_536005|Original|hCoV-19^^Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaudi\u00e8re|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/OXON-B2C90/2020|2020-04-16|EPI_ISL_534803|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC889/2020|2020-03-20|EPI_ISL_467382|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-B47E44/2020|2020-11-07|EPI_ISL_649342|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14035/2020|2020-08-21|EPI_ISL_562740|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-BA14A0/2020|2020-11-18|EPI_ISL_757206|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2596/2020|2020-06-30|EPI_ISL_514999|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/MILK-9E096C/2020|2020-09-20|EPI_ISL_601320|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-260172/2020|2020-08-27|EPI_ISL_539463|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Italy/APU-UniMI-45/2020|2020-03-16|EPI_ISL_477193|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata;|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/England/ALDP-953AF8/2020|2020-06-08|EPI_ISL_553797|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-481/2020|2020-08-13|EPI_ISL_700129|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/CVR4102/2020|2020-09-04|EPI_ISL_540806|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-0376/2020|2020-02-22|EPI_ISL_480046|Original|hCoV-19^^Chubu|Human|Nagoya City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-FD2E2/2020|2020-05-04|EPI_ISL_489338|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM0107/2020|2020-03-20|EPI_ISL_444592|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/QEUA-AD279F/2020|2020-10-26|EPI_ISL_633892|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13AC26/2020|2020-11-10|EPI_ISL_664268|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-77BC14/2020|2020-07-16|EPI_ISL_533097|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00122/2020|2020-04-03|EPI_ISL_791601|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-445/2020|2020-08-12|EPI_ISL_523783|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-7197/2020|2020-07-00|EPI_ISL_688301|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-22251/2020|2020-12-14|EPI_ISL_757833|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1784/2020|2020-06-13|EPI_ISL_738160|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/ID-UW-7306/2020|2020-04-04|EPI_ISL_570187|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Austria/CeMM0191/2020|2020-03-13|EPI_ISL_438032|Original|hCoV-19^^Styria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Luxembourg/LNS8330596/2020|2020-07-14|EPI_ISL_744720|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/UT-RIVM-10054/2020|2020-03-23|EPI_ISL_547515|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/CVR5181/2020|2020-10-15|EPI_ISL_626973|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC15741/2020|2020-08-03|EPI_ISL_593435|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB5401/2020|2020-04-04|EPI_ISL_487850|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26492500/2020|2020-04-24|EPI_ISL_485056|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/LIVE-DBAE3B/2020|2020-11-14|EPI_ISL_664430|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC1625/2020|2020-05-13|EPI_ISL_456532|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-14119/2020|2020-05-26|EPI_ISL_739161|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-380382/2020|2020-11-23|EPI_ISL_721958|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-NIV-157939/2020|2020-08-10|EPI_ISL_541708|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/Switzerland/UR-ETHZ-120188/2020|2020-04-27|EPI_ISL_468263|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-6090/2020|2020-10-05|EPI_ISL_620284|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9C5183/2020|2020-09-10|EPI_ISL_567860|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B40F84/2020|2020-11-08|EPI_ISL_658468|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-603D8/2020|2020-05-25|EPI_ISL_473405|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Australia/VIC16451/2020|2020-08-05|EPI_ISL_640954|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-1267433/2020|2020-12-08|EPI_ISL_741288|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUA-962BE4/2020|2020-08-11|EPI_ISL_531670|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8734/2020|2020-08-00|EPI_ISL_686330|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NM-DOH-2020616528/2020|2020-12-12|EPI_ISL_751820|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Ireland/D-NVRL-20G44368/2020|2020-03-29|EPI_ISL_605100|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Scotland/CVR3335/2020|2020-05-01|EPI_ISL_456781|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-600/2020|2020-03-19|EPI_ISL_571335|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/MD-HLP-102-2/2020|2020-05-07|EPI_ISL_530029|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/QEUA-9C93B6/2020|2020-09-12|EPI_ISL_602041|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1264E9/2020|2020-04-10|EPI_ISL_458951|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CCCF4/2020|2020-09-16|EPI_ISL_566385|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6AACA/2020|2020-11-11|EPI_ISL_651645|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-9/2020|2020-03-23|EPI_ISL_424343|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/England/QEUA-9B8A97/2020|2020-09-07|EPI_ISL_549679|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9A01A/2020|2020-04-14|EPI_ISL_439837|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012351/2020|2020-11-22|EPI_ISL_779998|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/ULG-10340/2020|2020-08-04|EPI_ISL_540507|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-6352/2020|2020-09-21|EPI_ISL_622286|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0396/2020|2020-05-31|EPI_ISL_542456|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NC_200488/2020|2020-04-00|EPI_ISL_458006|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/England/MILK-93D8FA/2020|2020-06-21|EPI_ISL_552948|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sichuan/SC-WCH2-017/2020|2020-01-28|EPI_ISL_451378|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Brazil/MA-IEC-162466/2020|2020-04-29|EPI_ISL_524791|Original|hCoV-19^^Maranh\u00e3o|Human|\uffeffEvandro Chagas Institute|\uffeffEvandro Chagas Institute|Sousa J\u00fanior|Brazil

>Spike|hCoV-19/USA/NY-PV09336/2020|2020-03-18|EPI_ISL_450024|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Australia/VIC11491/2020|2020-08-29|EPI_ISL_563395|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BE-ETHZ-400374/2020|2020-12-09|EPI_ISL_728828|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/SHEF-10B2CF7/2020|2020-05-12|EPI_ISL_537235|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-53D3A2/2020|2020-05-18|EPI_ISL_532178|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CBECB/2020|2020-03-30|EPI_ISL_432517|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-2835F5/2020|2020-00-00|EPI_ISL_478499|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC13521/2020|2020-07-30|EPI_ISL_603040|Original|hCoV-19^^Victoria|Human|MDU-PHL|MDU-PHL|Seemann|Australia

>Spike|hCoV-19/England/CAMB-7907B/2020|2020-04-03|EPI_ISL_441169|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99009601/2020|2020-10-28|EPI_ISL_654350|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MA-MASPHL-00420/2020|2020-04-27|EPI_ISL_693131|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/MILK-5759E8/2020|2020-06-11|EPI_ISL_558377|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A05AC7/2020|2020-09-29|EPI_ISL_599901|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3552/2020|2020-06-14|EPI_ISL_543014|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B85387/2020|2020-11-15|EPI_ISL_675688|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16289/2020|2020-11-16|EPI_ISL_714684|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9D4F5A/2020|2020-09-19|EPI_ISL_601552|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9DFDCE/2020|2020-09-21|EPI_ISL_576938|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F89BC/2020|2020-09-25|EPI_ISL_588743|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL122/2020|2020-05-06|EPI_ISL_451283|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUEH-B6AC9C/2020|2020-11-11|EPI_ISL_655217|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15432/2020|2020-10-22|EPI_ISL_786916|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BBB582/2020|2020-11-20|EPI_ISL_702568|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-151/2020|2020-05-04|EPI_ISL_482407|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/20100004004/2020|2020-03-01|EPI_ISL_464245|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20119086704/2020|2020-03-14|EPI_ISL_465119|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0214/2020|2020-05-18|EPI_ISL_698400|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-18022/2020|2020-12-14|EPI_ISL_749707|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12A60D/2020|2020-04-29|EPI_ISL_458445|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21424/2020|2020-12-21|EPI_ISL_757729|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B9B01E/2020|2020-11-15|EPI_ISL_673428|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4982D6/2020|2020-05-25|EPI_ISL_559376|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1266E54/2020|2020-12-10|EPI_ISL_741220|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-0384/2020|2020-03-03|EPI_ISL_480053|Original|hCoV-19^^Chubu|Human|Nagoya City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-A1EE38/2020|2020-10-01|EPI_ISL_598900|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8178/2020|2020-08-00|EPI_ISL_687277|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/GSTT-265D994/2020|2020-03-26|EPI_ISL_484042|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8685935/2020|2020-11-03|EPI_ISL_744788|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-A66DBC/2020|2020-10-12|EPI_ISL_630538|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-459/2020|2020-08-12|EPI_ISL_523796|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-PV09343/2020|2020-03-24|EPI_ISL_450031|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Denmark/ALAB-SSI513/2020|2020-03-24|EPI_ISL_429581|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Belgium/ULG-10462/2020|2020-08-31|EPI_ISL_581633|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/NY-QDX-1219/2020|2020-03-16|EPI_ISL_571997|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-AA3EFC/2020|2020-10-22|EPI_ISL_625032|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9902CA/2020|2020-08-29|EPI_ISL_530361|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1432-4374/2020|2020-06-26|EPI_ISL_753964|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-B3E37E/2020|2020-11-02|EPI_ISL_706272|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-247/2020|2020-07-07|EPI_ISL_699900|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/MILK-975B93/2020|2020-08-21|EPI_ISL_552652|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A962/2020|2020-09-10|EPI_ISL_560130|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20383/2020|2020-12-21|EPI_ISL_758719|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-7F2B36/2020|2020-07-17|EPI_ISL_532887|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-GMF-27759/2020|2020-10-26|EPI_ISL_660988|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/PHWC-4843E9/2020|2020-10-23|EPI_ISL_628000|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32C6B/2020|2020-04-14|EPI_ISL_474402|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036591651/2020|2020-10-23|EPI_ISL_640218|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Australia/VIC6275/2020|2020-07-25|EPI_ISL_518264|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A6BFB1/2020|2020-10-09|EPI_ISL_609126|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13196/2020|2020-08-15|EPI_ISL_563638|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19868/2020|2020-12-07|EPI_ISL_747839|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1305/2020|2020-04-08|EPI_ISL_495604|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-ALSR-3166/2020|2020-08-19|EPI_ISL_635894|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-4954D3/2020|2020-11-22|EPI_ISL_726355|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6317/2020|2020-09-14|EPI_ISL_615601|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-3892/2020|2020-07-21|EPI_ISL_548530|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/CE-ISCIII-2016506/2020|2020-10-14|EPI_ISL_691690|Original|hCoV-19^^Ceuta|Human|Hospital Universitario de Ceuta|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/MILK-B8D61D/2020|2020-11-13|EPI_ISL_673929|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4968A9/2020|2020-11-20|EPI_ISL_726650|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1669/2020|2020-04-00|EPI_ISL_685275|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-F984E/2020|2020-12-02|EPI_ISL_704929|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUEH-A36D97/2020|2020-10-05|EPI_ISL_638714|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC8344/2020|2020-08-06|EPI_ISL_594137|Original|hCoV-19^^Victoria|Human|MDU-PHL|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-2157/2020|2020-08-05|EPI_ISL_667553|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/IC-0337/2020|2020-11-00|EPI_ISL_721584|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB2697/2020|2020-03-26|EPI_ISL_488900|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A54D4/2020|2020-03-21|EPI_ISL_500122|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW-31223/2020|2020-10-12|EPI_ISL_735464|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/20148004704/2020|2020-04-03|EPI_ISL_423587|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C36B/2020|2020-11-10|EPI_ISL_655734|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A67DA/2020|2020-03-19|EPI_ISL_499742|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD2717/2020|2020-10-26|EPI_ISL_629823|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/HR-IMT-AE21/2020|2020-05-28|EPI_ISL_560318|Original|hCoV-19^^Haryana|Human|Civil Hospital|CSIR-Institute of Microbial Technology|Patil|India

>Spike|hCoV-19/USA/MN-MDH-2142/2020|2020-11-09|EPI_ISL_708480|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/TX-HMH-5036/2020|2020-06-24|EPI_ISL_544476|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9990D6/2020|2020-08-24|EPI_ISL_541834|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NCCS-NR-8720/2020|2020-07-01|EPI_ISL_721664|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/CAMB-78962/2020|2020-04-07|EPI_ISL_433796|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2464/2020|2020-05-19|EPI_ISL_513869|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMB-75A44/2020|2020-03-29|EPI_ISL_438504|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02786/2020|2020-09-23|EPI_ISL_765635|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Japan/PG-4815/2020|2020-08-00|EPI_ISL_689939|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/VC-IBV-98004412/2020|2020-04-13|EPI_ISL_583918|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1B8349/2020|2020-10-19|EPI_ISL_637702|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/20130073304/2020|2020-03-20|EPI_ISL_423667|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB8342/2020|2020-10-04|EPI_ISL_612330|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/NORW-F8C34/2020|2020-11-27|EPI_ISL_725370|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC2448/2020|2020-06-26|EPI_ISL_522154|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2789/2020|2020-08-24|EPI_ISL_616624|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC10251/2020|2020-08-14|EPI_ISL_562843|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B85A91/2020|2020-11-14|EPI_ISL_675613|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E96C/2020|2020-06-20|EPI_ISL_555083|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C0A0/2020|2020-11-08|EPI_ISL_655886|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00445/2020|2020-04-13|EPI_ISL_717840|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/CAMC-B5499E/2020|2020-11-09|EPI_ISL_658203|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480C5B/2020|2020-10-19|EPI_ISL_612987|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/UGent-332/2020|2020-12-11|EPI_ISL_745217|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/CAMC-B37E74/2020|2020-11-05|EPI_ISL_658809|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0406/2020|2020-03-30|EPI_ISL_480075|Original|hCoV-19^^Kanto|Human|Shizuoka City Institute of Environmental Sciences and Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-EVTL367/2020|2020-05-29|EPI_ISL_578773|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Germany/BY-MVP-0124/2020|2020-03-23|EPI_ISL_451941|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/USA/WA-UW-354/2020|2020-03-24|EPI_ISL_524442|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|Laboratory Medicine|Roychoudhury|USA

>Spike|hCoV-19/Australia/NSW949/2020|2020-08-27|EPI_ISL_545021|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/LIVE-A1793/2020|2020-06-22|EPI_ISL_490337|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/regA-0406856/2020|2020-04-06|EPI_ISL_734536|Original|hCoV-19^^P\u00e9crot|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-8940/2020|2020-11-02|EPI_ISL_626144|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9AE84F/2020|2020-09-02|EPI_ISL_577246|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0533/2020|2020-05-17|EPI_ISL_698695|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Finland/4LS5D11/2020|2020-08-08|EPI_ISL_756005|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/CA-ALSR-0847-IPL/2020|2020-04-29|EPI_ISL_483396|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-5454/2020|2020-08-00|EPI_ISL_690557|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/DRC/5240/2020|2020-05-03|EPI_ISL_496492|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-B882D2/2020|2020-11-13|EPI_ISL_674244|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0104/2020|2020-03-09|EPI_ISL_479844|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/regA-09231023/2020|2020-09-23|EPI_ISL_735032|Original|hCoV-19^^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/WSFT-25C1AA8/2020|2020-04-19|EPI_ISL_488853|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2900/2020|2020-09-04|EPI_ISL_667400|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-16422/2020|2020-11-16|EPI_ISL_714114|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/QEUA-998A42/2020|2020-08-24|EPI_ISL_540031|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20291/2020|2020-11-30|EPI_ISL_748096|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-01413/2020|2020-04-01|EPI_ISL_560841|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-B7E9F8/2020|2020-11-14|EPI_ISL_668066|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2371/2020|2020-05-31|EPI_ISL_514774|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Singapore/1367/2020|2020-06-27|EPI_ISL_648719|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/QEUEH-96BC15/2020|2020-08-14|EPI_ISL_531346|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-64134/2020|2020-08-13|EPI_ISL_651596|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3406/2020|2020-07-07|EPI_ISL_636008|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-1AD444/2020|2020-04-24|EPI_ISL_489400|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47FA91/2020|2020-10-12|EPI_ISL_612766|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21651/2020|2020-12-21|EPI_ISL_758287|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-DOH-2020616318/2020|2020-12-12|EPI_ISL_751813|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Wales/PHWC-496539/2020|2020-11-27|EPI_ISL_726596|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AC488/2020|2020-08-19|EPI_ISL_539661|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Japan/PG-3588/2020|2020-07-00|EPI_ISL_691842|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9597/2020|2020-08-19|EPI_ISL_565618|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-10120/2020|2020-07-06|EPI_ISL_789111|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MGH-01338/2020|2020-05-05|EPI_ISL_791928|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-10039/2020|2020-11-09|EPI_ISL_668498|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-0976-SAN/2020|2020-03-30|EPI_ISL_483435|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-DSHS-1899/2020|2020-07-08|EPI_ISL_751507|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/CVR5311/2020|2020-10-23|EPI_ISL_650731|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3D04/2020|2020-12-12|EPI_ISL_764621|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hong Kong/HKPU-5052/2020|2020-09-24|EPI_ISL_610194|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/USA/CA-CZB-10168/2020|2020-05-15|EPI_ISL_672242|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/ON_MU-S312/2020|2020-03-29|EPI_ISL_463980|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-95AE9B/2020|2020-06-13|EPI_ISL_555673|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB1E8/2020|2020-11-21|EPI_ISL_701756|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A653/2020|2020-10-29|EPI_ISL_652580|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1818/2020|2020-09-09|EPI_ISL_605690|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Italy/UMB-IZSUM-48682-7/2020|2020-10-19|EPI_ISL_763138|Original|hCoV-19^^Umbria|Human|Istituto Zooprofilattico Sperimentale dell' Umbria e delle Marche - Togo Rosati|Istituto Superiore di Sanit\u00e0|De Sabato|Italy

>Spike|hCoV-19/England/ALDP-71CBAF/2020|2020-07-01|EPI_ISL_557722|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-234E43/2020|2020-10-23|EPI_ISL_764399|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Spain/NC-IBV-001396/2020|2020-03-18|EPI_ISL_452505|Original|hCoV-19^^Navarra|Human|Cl\u00e9nica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00e9nica|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-0286/2020|2020-05-15|EPI_ISL_480937|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-31265/2020|2020-10-13|EPI_ISL_735471|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Bahrain/340861174_S24_L001/2020|2020-10-14|EPI_ISL_681304|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/CAMC-B9814B/2020|2020-11-15|EPI_ISL_674908|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0673/2020|2020-04-15|EPI_ISL_568925|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-19070/2020|2020-12-07|EPI_ISL_748735|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-00690/2020|2020-04-06|EPI_ISL_460187|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/UT-UPHL-03101/2020|2020-05-04|EPI_ISL_575251|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/AZ-TG532053/2020|2020-07-01|EPI_ISL_695401|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Belgium/ULG-11134/2020|2020-12-18|EPI_ISL_737378|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Scotland/EDB3870/2020|2020-04-30|EPI_ISL_439348|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009362/2020|2020-05-17|EPI_ISL_524956|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9CDB23/2020|2020-09-16|EPI_ISL_566110|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2648/2020|2020-04-17|EPI_ISL_484629|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-2045/2020|2020-03-17|EPI_ISL_604329|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-B422B6/2020|2020-11-08|EPI_ISL_657028|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-380396/2020|2020-11-23|EPI_ISL_721671|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-Wadsworth-283448-01/2020|2020-12-05|EPI_ISL_754444|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/UT-UPHL-2012703708/2020|2020-06-18|EPI_ISL_746459|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/QEUEH-AF4C6B/2020|2020-10-30|EPI_ISL_663101|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1333/2020|2020-08-19|EPI_ISL_569120|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Portugal/PT2072/2020|2020-11-12|EPI_ISL_732286|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/UT-UPHL-201208035/2020|2020-04-03|EPI_ISL_672549|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NY-NYUMC75/2020|2020-03-18|EPI_ISL_420591|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-94DCA0/2020|2020-06-19|EPI_ISL_555178|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21659/2020|2020-12-21|EPI_ISL_758292|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-15097/2020|2020-11-20|EPI_ISL_738942|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/UN-UW-686/2020|2020-03-12|EPI_ISL_476932|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Portugal/PT1699/2020|2020-11-13|EPI_ISL_732166|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUEH-884D8D/2020|2020-07-25|EPI_ISL_532809|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B48F5F/2020|2020-11-07|EPI_ISL_649450|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49986A/2020|2020-12-03|EPI_ISL_727367|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DC676E/2020|2020-11-30|EPI_ISL_703409|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE202/2020|2020-09-09|EPI_ISL_568121|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-5164/2020|2020-04-02|EPI_ISL_429652|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-21418/2020|2020-12-21|EPI_ISL_757946|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8062/2020|2020-10-26|EPI_ISL_617186|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000168/2020|2020-04-10|EPI_ISL_631704|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-204/2020|2020-06-26|EPI_ISL_483686|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/CAMC-A654C7/2020|2020-10-11|EPI_ISL_608411|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-194/2020|2020-10-20|EPI_ISL_717609|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Brazil/SP-L22-CD489/2020|2020-04-04|EPI_ISL_476385|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/Denmark/DCGC-22575/2020|2020-12-14|EPI_ISL_757649|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-OHSU-0857/2020|2020-06-27|EPI_ISL_525804|Original|hCoV-19^^California|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-B24B64/2020|2020-11-04|EPI_ISL_646961|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1315/2020|2020-03-17|EPI_ISL_511274|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUEH-5537D7/2020|2020-05-12|EPI_ISL_532281|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B140/2020|2020-11-01|EPI_ISL_645701|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D4C08/2020|2020-09-19|EPI_ISL_601750|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB2503/2020|2020-11-18|EPI_ISL_720219|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1925/2020|2020-03-25|EPI_ISL_776255|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/TX-HMH-MCoV-9033/2020|2020-07-02|EPI_ISL_780909|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-77EFB/2020|2020-03-31|EPI_ISL_440826|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16612/2020|2020-11-16|EPI_ISL_714869|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG274750/2020|2020-04-07|EPI_ISL_694069|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-6065/2020|2020-07-02|EPI_ISL_547207|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-6660/2020|2020-10-12|EPI_ISL_619563|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2100015712/2020|2020-11-20|EPI_ISL_771314|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/MILK-B3957D/2020|2020-11-02|EPI_ISL_659026|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205260427/2020|2020-00-00|EPI_ISL_766541|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001365/2020|2020-07-16|EPI_ISL_515850|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Slovakia/UKBA-402/2020|2020-11-22|EPI_ISL_718250|Original|hCoV-19^^Bratislava|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

>Spike|hCoV-19/England/MILK-AC917F/2020|2020-10-22|EPI_ISL_709917|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2955/2020|2020-07-29|EPI_ISL_549038|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Gibraltar/204462890/2020|2020-10-29|EPI_ISL_615055|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/India/GJ-GBRC56a/2020|2020-05-03|EPI_ISL_447030|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Denmark/DCGC-5139/2020|2020-09-21|EPI_ISL_621677|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-2350D3/2020|2020-10-15|EPI_ISL_764410|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Portugal/PT0857/2020|2020-03-27|EPI_ISL_511116|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-14629/2020|2020-11-23|EPI_ISL_711879|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-A4BB0E/2020|2020-10-05|EPI_ISL_628509|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-AA29CF/2020|2020-10-21|EPI_ISL_630835|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149006204/2020|2020-04-01|EPI_ISL_466116|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B0A0ED/2020|2020-10-29|EPI_ISL_672999|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-105054/2020|2020-11-11|EPI_ISL_730650|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/20189118901/2020|2020-05-01|EPI_ISL_465543|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4523/2020|2020-10-22|EPI_ISL_625083|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-QDX-1183/2020|2020-03-14|EPI_ISL_571926|Original|hCoV-19^^Connecticut|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-BA0201/2020|2020-11-18|EPI_ISL_719754|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97007946/2020|2020-10-05|EPI_ISL_654511|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/AN-IBV-98001736/2020|2020-04-12|EPI_ISL_538141|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-5572/2020|2020-09-28|EPI_ISL_620897|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/GE-EMC-243/2020|2020-00-00|EPI_ISL_523222|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-234432/2020|2020-10-18|EPI_ISL_680387|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AB344/2020|2020-08-13|EPI_ISL_539718|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Japan/PG-0786/2020|2020-04-00|EPI_ISL_684396|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/VA-DCLS-2237/2020|2020-11-05|EPI_ISL_734217|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Bahrain/340860476_S15/2020|2020-10-14|EPI_ISL_632280|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/USA/TX-DSHS-1941/2020|2020-06-21|EPI_ISL_765910|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1259/2020|2020-11-05|EPI_ISL_700488|Original|hCoV-19^^Western Cape|Human|Conville CDC wc CVC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/CAMC-B0704A/2020|2020-10-29|EPI_ISL_643712|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18071/2020|2020-11-12|EPI_ISL_784419|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1622/2020|2020-04-06|EPI_ISL_619268|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/reg-0508542/2020|2020-05-08|EPI_ISL_734712|Original|hCoV-19^^Peruwelz|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/France/BRE-5687/2020|2020-04-03|EPI_ISL_443292|Original|hCoV-19^^Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/LA-EVTL071/2020|2020-05-04|EPI_ISL_451232|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-5793/2020|2020-08-00|EPI_ISL_688912|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/BE-ChVir3100/2020|2020-03-24|EPI_ISL_729531|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUA-B7F818/2020|2020-11-14|EPI_ISL_674685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4074/2020|2020-06-18|EPI_ISL_543345|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA45BA/2020|2020-10-21|EPI_ISL_624231|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7142/2020|2020-08-05|EPI_ISL_514550|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-13030/2020|2020-07-29|EPI_ISL_547651|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/CAMC-B325FC/2020|2020-11-05|EPI_ISL_659175|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2A12/2020|2020-09-10|EPI_ISL_566497|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F3CB1/2020|2020-00-00|EPI_ISL_627664|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036461388/2020|2020-10-15|EPI_ISL_628808|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/LIVE-AA0CC/2020|2020-03-23|EPI_ISL_517400|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/NSW650/2020|2020-07-11|EPI_ISL_498769|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Germany/BY-MVP-0270/2020|2020-05-19|EPI_ISL_466912|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/20169040504/2020|2020-04-18|EPI_ISL_465248|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13088/2020|2020-05-08|EPI_ISL_672066|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-16AD75/2020|2020-09-13|EPI_ISL_560194|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-CB51A1/2020|2020-12-18|EPI_ISL_761748|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1024/2020|2020-07-22|EPI_ISL_517914|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-4A1F00/2020|2020-12-14|EPI_ISL_743831|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-5E425/2020|2020-03-24|EPI_ISL_444295|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5D07/2020|2020-09-10|EPI_ISL_567630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6C526/2020|2020-11-11|EPI_ISL_661622|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00352/2020|2020-04-28|EPI_ISL_693180|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Wales/PHWC-16B327/2020|2020-09-15|EPI_ISL_560274|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94ABF1/2020|2020-06-11|EPI_ISL_556507|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/North Macedonia/9451/2020|2020-08-06|EPI_ISL_678248|Original|hCoV-19^^Skopje|Human|Center for public health - Skopje|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/England/NOTT-11F50E/2020|2020-11-24|EPI_ISL_706433|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1525/2020|2020-07-14|EPI_ISL_527590|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-735AF/2020|2020-03-20|EPI_ISL_440164|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Kenya/C5178/2020|2020-05-09|EPI_ISL_568753|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/QEUEH-9DCB4F/2020|2020-09-21|EPI_ISL_580924|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1707/2020|2020-04-02|EPI_ISL_468639|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/TX-HMH-1742/2020|2020-04-18|EPI_ISL_542808|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-9B1BE6/2020|2020-09-04|EPI_ISL_566631|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-3101/2020|2020-09-30|EPI_ISL_667482|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22081/2020|2020-03-19|EPI_ISL_594193|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/CO-CDPHE-2004220752/2020|2020-04-21|EPI_ISL_710187|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/CA-CZB-14355/2020|2020-07-15|EPI_ISL_739083|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WI-GMF-16096/2020|2020-08-18|EPI_ISL_547717|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/NY-Wadsworth-200243-01/2020|2020-06-23|EPI_ISL_677076|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-489A67/2020|2020-10-27|EPI_ISL_652444|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-119AAB/2020|2020-11-04|EPI_ISL_627722|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-267/2020|2020-07-09|EPI_ISL_699919|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Brazil/RS-00606/2020|2020-11-24|EPI_ISL_770558|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/MILK-970E62/2020|2020-08-18|EPI_ISL_553012|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3290/2020|2020-05-06|EPI_ISL_493852|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM11371375/2020|2020-12-02|EPI_ISL_753592|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/NORT-2A534E/2020|2020-09-24|EPI_ISL_584687|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/NSW1097/2020|2020-09-03|EPI_ISL_593764|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Ireland/WD-NVRL-20IRL80813/2020|2020-04-17|EPI_ISL_671932|Original|hCoV-19^^Waterford|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/CAMB-1B7E0D/2020|2020-10-13|EPI_ISL_637460|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-BABAD1/2020|2020-11-18|EPI_ISL_681393|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A923/2020|2020-11-15|EPI_ISL_673431|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4083/2020|2020-09-14|EPI_ISL_622039|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8716/2020|2020-10-26|EPI_ISL_626028|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-000891/2020|2020-03-26|EPI_ISL_452672|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Ireland/D-NVRL-MPA42736/2020|2020-05-01|EPI_ISL_671338|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Austria/CeMM0254/2020|2020-03-22|EPI_ISL_438083|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Luxembourg/LNS0194872/2020|2020-10-23|EPI_ISL_739735|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-18201/2020|2020-12-14|EPI_ISL_749811|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB4439/2020|2020-05-04|EPI_ISL_493901|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Peru/LIM-INS-138/2020|2020-03-17|EPI_ISL_536533|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/England/ALDP-95382B/2020|2020-06-13|EPI_ISL_553816|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-04196/2020|2020-05-14|EPI_ISL_493056|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Australia/VIC4684/2020|2020-07-15|EPI_ISL_519072|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-10727B/2020|2020-03-31|EPI_ISL_585130|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Portugal/PT0513/2020|2020-03-20|EPI_ISL_454237|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Hong Kong/VM20127935/2020|2020-10-04|EPI_ISL_760042|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/Scotland/QEUA-B11010/2020|2020-11-03|EPI_ISL_649529|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10450/2020|2020-07-08|EPI_ISL_789483|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-ABC1D9/2020|2020-10-20|EPI_ISL_630973|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1159/2020|2020-05-04|EPI_ISL_476744|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/FL-BPHL-1441/2020|2020-09-08|EPI_ISL_549223|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Belgium/regu-0507537/2020|2020-05-07|EPI_ISL_734707|Original|hCoV-19^^Willaupuis|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-18539/2020|2020-12-07|EPI_ISL_750029|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Nigeria/OS-CV297/2020|2020-08-04|EPI_ISL_729976|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Japan/PG-7453/2020|2020-07-00|EPI_ISL_688555|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-124FB3C/2020|2020-10-01|EPI_ISL_665185|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-380373/2020|2020-11-22|EPI_ISL_721954|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-70A01E/2020|2020-06-30|EPI_ISL_557708|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20989/2020|2020-05-30|EPI_ISL_507776|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB1566/2020|2020-04-13|EPI_ISL_433083|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-301/2020|2020-03-21|EPI_ISL_571045|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-9F193B/2020|2020-09-25|EPI_ISL_589629|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000978/2020|2020-10-01|EPI_ISL_633006|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-19703/2020|2020-12-07|EPI_ISL_748530|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/AG-ETHZ-190082/2020|2020-07-06|EPI_ISL_500938|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH0128/2020|2020-03-21|EPI_ISL_434828|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BC742C/2020|2020-11-22|EPI_ISL_721291|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17005/2020|2020-12-14|EPI_ISL_750703|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Hong Kong/HKU-200723-095/2020|2020-07-09|EPI_ISL_497862|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/England/NORW-E85F0/2020|2020-04-18|EPI_ISL_449166|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-ACEA51/2020|2020-10-22|EPI_ISL_629661|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96ED88/2020|2020-08-18|EPI_ISL_534510|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13739/2020|2020-09-01|EPI_ISL_592312|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/UT-EMC-104/2020|2020-09-27|EPI_ISL_632502|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-2012715997/2020|2020-10-25|EPI_ISL_745502|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Guadeloupe/IPG-7324/2020|2020-03-13|EPI_ISL_613424|Original|hCoV-19^^Sainte-Anne|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spike|hCoV-19/Spain/VC-FISABIO-570/2020|2020-03-27|EPI_ISL_447501|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Scotland/QEUH-A9B63B/2020|2020-10-20|EPI_ISL_625357|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7F2F7/2020|2020-04-08|EPI_ISL_442943|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20364/2020|2020-12-21|EPI_ISL_758893|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Romania/USAFSAM-S569/2020|2020-11-28|EPI_ISL_738343|Original|hCoV-19^^Romania|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania

>Spike|hCoV-19/England/EXET-13DC32/2020|2020-12-02|EPI_ISL_724281|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/NORW-EB86D/2020|2020-05-05|EPI_ISL_472322|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/PORT-2CFD13/2020|2020-05-08|EPI_ISL_461989|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Ireland/LK-UHL7/2020|2020-04-01|EPI_ISL_681759|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Wales/PHWC-48A7D8/2020|2020-11-03|EPI_ISL_650787|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9326EC/2020|2020-06-20|EPI_ISL_551534|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n-5856/2020|2020-03-15|EPI_ISL_474986|Original|hCoV-19^^Shoam|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Scotland/QEUH-9F4419/2020|2020-09-27|EPI_ISL_600636|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CAE6E8/2020|2020-12-14|EPI_ISL_760989|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F034D/2020|2020-09-24|EPI_ISL_580759|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20109001804/2020|2020-03-04|EPI_ISL_464498|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-107114/2020|2020-03-27|EPI_ISL_585111|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15594/2020|2020-10-26|EPI_ISL_787078|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/BY-ChVir-1482/2020|2020-02-07|EPI_ISL_450207|Original|hCoV-19^^Bavaria|Human|Department of Virology|Department of Virology|B\u00f6hmer|Germany

>Spike|hCoV-19/England/CAMB-847A5/2020|2020-03-01|EPI_ISL_440513|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CruiseA-7/2020|2020-02-17|EPI_ISL_413612|Original|hCoV-19^^USA|Human|unknown|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUIH-BA0702/2020|2020-11-18|EPI_ISL_719633|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48073C/2020|2020-10-22|EPI_ISL_612924|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F1F3/2020|2020-10-15|EPI_ISL_607272|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-A8C4E8/2020|2020-10-18|EPI_ISL_643223|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-9F8354/2020|2020-09-27|EPI_ISL_588874|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1002/2020|2020-06-23|EPI_ISL_512876|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/TAS35/2020|2020-04-11|EPI_ISL_522712|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-941A1B/2020|2020-07-18|EPI_ISL_556827|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-AE1FB3/2020|2020-10-27|EPI_ISL_649655|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4269918/2020|2020-10-22|EPI_ISL_740441|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUIH-B7D962/2020|2020-11-14|EPI_ISL_727835|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A503A4/2020|2020-10-07|EPI_ISL_597754|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-7821/2020|2020-03-00|EPI_ISL_548203|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/NORW-E9DE8/2020|2020-05-03|EPI_ISL_448369|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC73/2020|2020-03-26|EPI_ISL_475688|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/QEUIH-B7CBF4/2020|2020-11-14|EPI_ISL_741812|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-A46D76/2020|2020-10-06|EPI_ISL_598332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4905/2020|2020-05-13|EPI_ISL_493920|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49783F/2020|2020-11-22|EPI_ISL_726889|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/Donner3/2020|2020-04-06|EPI_ISL_438948|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/England/QEUEH-960885/2020|2020-08-04|EPI_ISL_532006|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32445/2020|2020-04-10|EPI_ISL_446648|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8452/2020|2020-09-00|EPI_ISL_687551|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-2944/2020|2020-06-09|EPI_ISL_543880|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC4727/2020|2020-07-12|EPI_ISL_519115|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-96E1B9/2020|2020-08-20|EPI_ISL_534505|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-99233/2020|2020-04-07|EPI_ISL_439700|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-12AAB6/2020|2020-04-29|EPI_ISL_458363|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204991204/2020|2020-12-05|EPI_ISL_723035|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FF126/2020|2020-10-02|EPI_ISL_600490|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F8F68/2020|2020-12-01|EPI_ISL_706407|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-985/2020|2020-03-09|EPI_ISL_614570|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-D0FDF/2020|2020-05-07|EPI_ISL_475493|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A879B1/2020|2020-10-16|EPI_ISL_606068|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3093/2020|2020-08-31|EPI_ISL_616873|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC177/2020|2020-04-01|EPI_ISL_427473|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/QEUEH-AE1B28/2020|2020-10-26|EPI_ISL_633516|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-B057/2020|2020-11-02|EPI_ISL_718191|Original|hCoV-19^^Sarawak|Human|Borneo Medical Centre|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/England/ALDP-9E69EE/2020|2020-09-24|EPI_ISL_580542|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1891/2020|2020-09-22|EPI_ISL_605760|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-BB04AE/2020|2020-11-17|EPI_ISL_720238|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB3C94/2020|2020-11-19|EPI_ISL_701914|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/CAMC-9BFDB5/2020|2020-09-09|EPI_ISL_573759|Original|hCoV-19^^Northern Ireland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-95F36A/2020|2020-08-06|EPI_ISL_532445|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26556542/2020|2020-04-15|EPI_ISL_485180|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/WA-UW-12828/2020|2020-06-29|EPI_ISL_570906|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/20129034504/2020|2020-03-19|EPI_ISL_424026|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4950A2/2020|2020-11-25|EPI_ISL_726296|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B08E30/2020|2020-10-29|EPI_ISL_673100|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19101/2020|2020-11-23|EPI_ISL_783624|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16B7FE/2020|2020-09-15|EPI_ISL_573905|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012029219/2020|2020-07-27|EPI_ISL_745719|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Russia/PER-RII-MH2818S/2020|2020-09-22|EPI_ISL_639964|Original|hCoV-19^^Perm|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/NY-NYUMC225/2020|2020-03-18|EPI_ISL_427520|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-82A71/2020|2020-04-23|EPI_ISL_438652|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Belgium/regal-11301201/2020|2020-11-30|EPI_ISL_735237|Original|hCoV-19^^Assenede|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUEH-96057F/2020|2020-08-02|EPI_ISL_532013|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-00032/2020|2020-00-00|EPI_ISL_548713|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/TX-DSHS-1805/2020|2020-06-13|EPI_ISL_738158|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-16ED08/2020|2020-10-04|EPI_ISL_585853|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005119/2020|2020-04-26|EPI_ISL_510385|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/MA-MGH-00036/2020|2020-03-25|EPI_ISL_460421|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/QEUH-B9F01A/2020|2020-11-18|EPI_ISL_719929|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21242/2020|2020-12-21|EPI_ISL_759083|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-99008708/2020|2020-10-07|EPI_ISL_654286|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/204191997/2020|2020-10-11|EPI_ISL_603196|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9CF541/2020|2020-09-17|EPI_ISL_601990|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-46899/2020|2020-12-12|EPI_ISL_756200|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-ALSR-1066-SAN/2020|2020-06-22|EPI_ISL_483496|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUH-C3242B/2020|2020-12-11|EPI_ISL_782625|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B95ABC/2020|2020-11-13|EPI_ISL_674916|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9899/2020|2020-11-09|EPI_ISL_669262|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15800/2020|2020-07-09|EPI_ISL_785484|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7B07F/2020|2020-10-14|EPI_ISL_607482|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2520/2020|2020-06-16|EPI_ISL_514923|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/20110097506/2020|2020-03-08|EPI_ISL_417313|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-EAAB3/2020|2020-05-09|EPI_ISL_457353|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6571/2020|2020-06-24|EPI_ISL_546094|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B40FC0/2020|2020-11-08|EPI_ISL_658450|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2153/2020|2020-10-27|EPI_ISL_734236|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/South Africa/KRISP-K002314/2020|2020-07-22|EPI_ISL_515690|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-BC1BE1/2020|2020-11-22|EPI_ISL_704868|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH802/2020|2020-04-24|EPI_ISL_513257|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/FL-BPHL-0265/2020|2020-05-04|EPI_ISL_480916|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Sweden/20-14089/2020|2020-04-27|EPI_ISL_450827|Original|hCoV-19^^Uppsala|Human|Uppsala Narakut Aleris|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-QDX-2637/2020|2020-03-15|EPI_ISL_604902|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC14998/2020|2020-09-05|EPI_ISL_592861|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/NW-HHU-04/2020|2020-02-26|EPI_ISL_414499|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Canada/QC-LSPQ-L00243347/2020|2020-03-30|EPI_ISL_536360|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-DSHS-0254/2020|2020-04-25|EPI_ISL_527827|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-4333/2020|2020-07-00|EPI_ISL_692561|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-15960/2020|2020-12-01|EPI_ISL_739166|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/QEUA-9E482F/2020|2020-09-23|EPI_ISL_601045|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9439C1/2020|2020-07-31|EPI_ISL_532594|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4433/2020|2020-10-22|EPI_ISL_649027|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUA-A9C412/2020|2020-10-20|EPI_ISL_652641|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/OXON-B378F/2020|2020-03-24|EPI_ISL_534886|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B64A/2020|2020-12-09|EPI_ISL_730812|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB3E33/2020|2020-12-19|EPI_ISL_761315|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-157618/2020|2020-08-21|EPI_ISL_746676|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/WI-UW-2330/2020|2020-11-13|EPI_ISL_728096|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUK-AF409C/2020|2020-10-30|EPI_ISL_662998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A03AF/2020|2020-05-25|EPI_ISL_472106|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-99187C/2020|2020-08-26|EPI_ISL_576997|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-23546/2020|2020-10-01|EPI_ISL_660874|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Spain/CN-IBV-002594/2020|2020-03-12|EPI_ISL_474911|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-4076/2020|2020-09-14|EPI_ISL_622032|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21520/2020|2020-04-03|EPI_ISL_516247|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/France/NAQ-SC222/2020|2020-03-28|EPI_ISL_649970|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Brazil/SP-L5-CAMPI114/2020|2020-04-28|EPI_ISL_476412|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Sabino|Brazil

>Spike|hCoV-19/USA/MI-MDHHS-SC22193/2020|2020-10-20|EPI_ISL_614244|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/EDB5464/2020|2020-04-25|EPI_ISL_461742|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/NGY-NNH-001/2020|2020-03-13|EPI_ISL_568556|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/Wales/MILK-9C1E44/2020|2020-09-10|EPI_ISL_566489|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA516A/2020|2020-10-22|EPI_ISL_623964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2230/2020|2020-06-21|EPI_ISL_521967|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1BD47E/2020|2020-12-01|EPI_ISL_764305|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-9958D2/2020|2020-08-23|EPI_ISL_551643|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/202561788/2020|2020-06-14|EPI_ISL_485609|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/England/MILK-A06361/2020|2020-10-01|EPI_ISL_600044|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205141235/2020|2020-12-16|EPI_ISL_756162|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-80/2020|2020-07-10|EPI_ISL_523464|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S2679/2020|2020-06-22|EPI_ISL_497311|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WI-GMF-19490/2020|2020-09-09|EPI_ISL_547813|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/CA-SEARCH-5344/2020|2020-12-09|EPI_ISL_755161|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Northern Ireland/NIRE-10686B/2020|2020-05-10|EPI_ISL_501044|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B82575/2020|2020-11-14|EPI_ISL_661694|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-97013C/2020|2020-08-16|EPI_ISL_568405|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B4184C/2020|2020-11-08|EPI_ISL_658661|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/EGY-020/2020|2020-08-14|EPI_ISL_526975|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/USA/UT-08392/2020|2020-05-16|EPI_ISL_524173|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-2548/2020|2020-05-00|EPI_ISL_690683|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-15871/2020|2020-07-10|EPI_ISL_785555|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-AAFF84/2020|2020-10-23|EPI_ISL_631220|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-23943/2020|2020-04-12|EPI_ISL_508930|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Netherlands/NA_166/2020|2020-03-21|EPI_ISL_422701|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LOND-126275D/2020|2020-10-04|EPI_ISL_594872|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A49B4/2020|2020-12-09|EPI_ISL_764753|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0351/2020|2020-05-08|EPI_ISL_463118|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Japan/PG-5460/2020|2020-08-00|EPI_ISL_690563|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/GCVR-170055/2020|2020-03-24|EPI_ISL_459658|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-9C1B6B/2020|2020-09-10|EPI_ISL_573869|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-98002318/2020|2020-03-19|EPI_ISL_537838|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/BS-UHB-42184365/2020|2020-03-10|EPI_ISL_527974|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-10328/2020|2020-11-02|EPI_ISL_669904|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-808F1/2020|2020-04-10|EPI_ISL_442586|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Belgium/RR-030699/2020|2020-03-06|EPI_ISL_420355|Original|hCoV-19^^Ronse|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Austria/CeMM0918/2020|2020-03-16|EPI_ISL_583770|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-C3956D/2020|2020-12-08|EPI_ISL_731512|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-259A255/2020|2020-05-26|EPI_ISL_488867|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32CD4/2020|2020-04-07|EPI_ISL_446677|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/OK-ADDL-04/2020|2020-05-27|EPI_ISL_535363|Original|hCoV-19^^Oklahoma|Human|Oklahoma Animal Disease Diagnostic Laboratory|Oklahoma Animal Disease Diagnostic Laboratory|Narayanan|USA

>Spike|hCoV-19/Canada/NS-NML-1218/2020|2020-04-03|EPI_ISL_579615|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Wales/PHWC-2BC83/2020|2020-04-10|EPI_ISL_445828|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-291D92/2020|2020-05-05|EPI_ISL_489131|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1847/2020|2020-03-28|EPI_ISL_456283|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/England/MILK-956D83/2020|2020-06-10|EPI_ISL_554205|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D061/2020|2020-11-05|EPI_ISL_666573|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-C8AE8/2020|2020-04-05|EPI_ISL_432456|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/regal-12141425/2020|2020-12-14|EPI_ISL_738477|Original|hCoV-19^^Arendonk|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUA-B6A968/2020|2020-11-11|EPI_ISL_662562|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9CE269/2020|2020-09-16|EPI_ISL_601907|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2432/2020|2020-04-24|EPI_ISL_775758|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/mink/Netherlands/NB-EMC-68-1/2020|2020-11-03|EPI_ISL_722448|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-3637/2020|2020-08-31|EPI_ISL_615408|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CB520/2020|2020-10-29|EPI_ISL_650705|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/Diemen_1363454/2020|2020-02-28|EPI_ISL_413570|Original|hCoV-19^^Noord Holland|Human|RIVM|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/VA-DCLS-1155/2020|2020-07-23|EPI_ISL_522822|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Northern Ireland/QEUA-960E47/2020|2020-08-04|EPI_ISL_532039|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13780/2020|2020-08-18|EPI_ISL_788873|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1354/2020|2020-03-25|EPI_ISL_511313|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-4A3C9E/2020|2020-12-12|EPI_ISL_764615|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A75EB7/2020|2020-10-15|EPI_ISL_613310|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-B7C392/2020|2020-11-13|EPI_ISL_668249|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0221/2020|2020-05-17|EPI_ISL_698407|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-48406A/2020|2020-10-22|EPI_ISL_627960|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/G-27/2020|2020-03-26|EPI_ISL_600554|Original|hCoV-19^^Rangpur|Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19/Sweden/20-08100/2020|2020-03-06|EPI_ISL_454471|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Canada/ON-UHTC_0151/2020|2020-06-09|EPI_ISL_526284|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/ALDP-B26036/2020|2020-11-04|EPI_ISL_646454|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20128031204/2020|2020-03-20|EPI_ISL_423949|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0615-SAN/2020|2020-04-06|EPI_ISL_483259|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-9E91D4/2020|2020-09-24|EPI_ISL_584192|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499E95/2020|2020-11-24|EPI_ISL_727458|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED4E6/2020|2020-05-05|EPI_ISL_589418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0722803/2020|2020-07-22|EPI_ISL_734816|Original|hCoV-19^^Antwerpen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-9878/2020|2020-11-09|EPI_ISL_669248|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS9754910/2020|2020-12-21|EPI_ISL_770847|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/20139015804/2020|2020-03-27|EPI_ISL_423343|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/MILK-9EE922/2020|2020-09-23|EPI_ISL_580766|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/SR-044/2020|2020-03-16|EPI_ISL_430002|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/EXET-139270/2020|2020-10-27|EPI_ISL_664127|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15FCB2/2020|2020-05-19|EPI_ISL_472844|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC470/2020|2020-11-25|EPI_ISL_724508|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/IC-0263/2020|2020-10-00|EPI_ISL_667692|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-0969/2020|2020-07-09|EPI_ISL_517859|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUH-C33C7D/2020|2020-12-11|EPI_ISL_757176|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35CE0/2020|2020-04-26|EPI_ISL_474556|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC17929/2020|2020-08-05|EPI_ISL_779565|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/QEUH-AE24C2/2020|2020-10-27|EPI_ISL_633581|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F6347/2020|2020-09-25|EPI_ISL_588918|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2198/2020|2020-04-11|EPI_ISL_448158|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD744/2020|2020-10-01|EPI_ISL_587774|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B76E/2020|2020-11-05|EPI_ISL_666278|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0143/2020|2020-02-00|EPI_ISL_479865|Original|hCoV-19^^Kansai|Human|Wakayama Prefectural Research Center of Environment and Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9BE994/2020|2020-09-09|EPI_ISL_567921|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7676/2020|2020-10-19|EPI_ISL_618569|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/MILK-9C1FE7/2020|2020-09-10|EPI_ISL_566572|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1623/2020|2020-03-19|EPI_ISL_603905|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-3466/2020|2020-08-31|EPI_ISL_616253|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13247/2020|2020-08-24|EPI_ISL_788397|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-917A78/2020|2020-06-22|EPI_ISL_551458|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15001/2020|2020-11-23|EPI_ISL_713571|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20CV0493/2020|2020-10-27|EPI_ISL_622823|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-AB7675/2020|2020-10-20|EPI_ISL_623228|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-560/2020|2020-03-26|EPI_ISL_582261|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/CAMC-B54819/2020|2020-11-08|EPI_ISL_658371|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4560/2020|2020-06-21|EPI_ISL_543718|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/CT-IBV-97010113/2020|2020-11-12|EPI_ISL_683637|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUEH-9905D0/2020|2020-08-29|EPI_ISL_530366|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12F85D/2020|2020-03-26|EPI_ISL_488420|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A8D98/2020|2020-04-03|EPI_ISL_539018|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health

England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-469924/2020|2020-05-24|EPI_ISL_559727|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-1269/2020|2020-00-00|EPI_ISL_684879|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-483784/2020|2020-10-11|EPI_ISL_626780|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/WA-S2625/2020|2020-06-19|EPI_ISL_497257|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/LOND-D5ACA/2020|2020-04-17|EPI_ISL_457297|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/Australia/VIC402/2020|2020-03-24|EPI_ISL_426705|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Sweden/20-52770/2020|2020-08-03|EPI_ISL_654948|Original|hCoV-19^^Kronoberg|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/USA/AZ-TG426533/2020|2020-06-25|EPI_ISL_694988|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/USA/MD-MDH-0429/2020|2020-10-14|EPI_ISL_666797|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA
>Spike|hCoV-19/England/CAMB-772D1/2020|2020-03-31|EPI_ISL_439420|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Japan/PG-2423/2020|2020-04-00|EPI_ISL_686028|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Netherlands/ZH-EMC-233/2020|2020-04-17|EPI_ISL_523575|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/ALDP-691235/2020|2020-07-02|EPI_ISL_558129|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/EXET-13952C/2020|2020-00-00|EPI_ISL_724254|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6977/2020|2020-06-28|EPI_ISL_546402|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/20199024804/2020|2020-05-09|EPI_ISL_465642|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-1993/2020|2020-05-17|EPI_ISL_545057|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUH-A0AF0F/2020|2020-10-01|EPI_ISL_599155|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL555/2020|2020-08-05|EPI_ISL_578959|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Australia/VIC6974/2020|2020-08-02|EPI_ISL_564171|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/MILK-9C41B1/2020|2020-09-10|EPI_ISL_566977|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AEB12/2020|2020-00-00|EPI_ISL_448757|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/BC_83163/2020|2020-03-05|EPI_ISL_415589|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-22468/2020|2020-12-14|EPI_ISL_757577|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-14700/2020|2020-11-17|EPI_ISL_738921|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-53A554/2020|2020-05-18|EPI_ISL_532180|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1178/2020|2020-04-30|EPI_ISL_454628|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Wales/PHWC-1642E5/2020|2020-05-08|EPI_ISL_474157|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-286/2020|2020-06-26|EPI_ISL_523628|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/MD-IBV-005338/2020|2020-03-17|EPI_ISL_510216|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Peru/LIM-INS-095/2020|2020-07-03|EPI_ISL_536494|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/USA/TN-CDC-2-3693573/2020|2020-11-25|EPI_ISL_747183|Original|hCoV-19^^Tennessee|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/CAMB-1B5467/2020|2020-07-06|EPI_ISL_499968|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/VIC1407/2020|2020-04-16|EPI_ISL_456424|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AD155A/2020|2020-10-24|EPI_ISL_633939|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-410062/2020|2020-12-17|EPI_ISL_737842|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4A1B0C/2020|2020-12-11|EPI_ISL_743777|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE30F/2020|2020-09-10|EPI_ISL_567976|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9B70B/2020|2020-10-20|EPI_ISL_611345|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4986/2020|2020-08-00|EPI_ISL_690099|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0994/2020|2020-07-03|EPI_ISL_614008|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-488664/2020|2020-10-31|EPI_ISL_639418|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13712/2020|2020-11-30|EPI_ISL_712975|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0445/2020|2020-03-23|EPI_ISL_495351|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-LACPHL-AF00042/2020|2020-12-20|EPI_ISL_754122|Original|hCoV-19^^California|Human|UCLA Clinical Micro Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/MILK-A1D7E3/2020|2020-10-03|EPI_ISL_595088|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC1046/2020|2020-04-03|EPI_ISL_430550|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-57118-01/2020|2020-04-20|EPI_ISL_525686|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/ALDP-9E95F6/2020|2020-09-24|EPI_ISL_584225|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_13/2020|2020-03-12|EPI_ISL_455122|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Jordan/AM-ALSR-4068/2020|2020-10-03|EPI_ISL_636428|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMC-A66129/2020|2020-10-11|EPI_ISL_637774|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-C57C73/2020|2020-12-14|EPI_ISL_736047|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20138026604/2020|2020-03-26|EPI_ISL_423314|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-2949AA/2020|2020-03-28|EPI_ISL_488679|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC340/2020|2020-03-12|EPI_ISL_641542|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/South Africa/KRISP-K002627/2020|2020-07-31|EPI_ISL_535497|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Singapore/1127/2020|2020-10-29|EPI_ISL_626639|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Chile/BI-ISPCH-2-2/2020|2020-03-12|EPI_ISL_445333|Original|hCoV-19^^Biobio|Human|LABORATORIO CLINICA UNIVERSITARIA DE CONCEPCION|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Northern Ireland/NIRE-10100E/2020|2020-04-30|EPI_ISL_482152|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-8731C1/2020|2020-07-20|EPI_ISL_557244|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2688/2020|2020-03-00|EPI_ISL_690820|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15385/2020|2020-11-23|EPI_ISL_713795|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-4583/2020|2020-07-10|EPI_ISL_667020|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUH-AD5714/2020|2020-10-26|EPI_ISL_649680|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20027/2020|2020-03-17|EPI_ISL_437114|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/UT-UPHL-2009049/2020|2020-05-14|EPI_ISL_525063|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-C3A2B0/2020|2020-12-09|EPI_ISL_731106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD3E4E/2020|2020-10-26|EPI_ISL_629855|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-2128S/2020|2020-07-02|EPI_ISL_639919|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Canada/ON-SLB3144/2020|2020-04-27|EPI_ISL_717739|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/LA-EVTL911/2020|2020-07-09|EPI_ISL_653602|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MDH-6612/2020|2020-03-09|EPI_ISL_454426|Original|hCoV-19^^Maryland|Human|Maryland Department of Health Laboratories Administration|Maryland Department of Health Laboratories Administration|Vepachedu|USA

>Spike|hCoV-19/England/CAMB-1B4F67/2020|2020-06-18|EPI_ISL_477803|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1104/2020|2020-12-03|EPI_ISL_768374|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/PORT-2D7325/2020|2020-10-19|EPI_ISL_626684|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-348/2020|2020-10-27|EPI_ISL_632764|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Iceland/10/2020|2020-03-16|EPI_ISL_417536|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Switzerland/BL-UHB-42189773/2020|2020-03-13|EPI_ISL_528051|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/CVR5614/2020|2020-11-01|EPI_ISL_650752|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Italy/CAM-IZSM-118588/2020|2020-08-25|EPI_ISL_738125|Original|hCoV-19^^Campania|Human|IZSM-U.O.C. Virologia|Istituto Zooprofilattico Sperimentale del Mezzogiorno|Viscardi|Italy

>Spike|hCoV-19/Denmark/DCGC-21088/2020|2020-12-21|EPI_ISL_759546|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20129142604/2020|2020-03-12|EPI_ISL_424108|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14905/2020|2020-11-25|EPI_ISL_739279|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/QEUH-9AF1CB/2020|2020-09-03|EPI_ISL_560033|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Mali/M002615/2020|2020-04-06|EPI_ISL_487447|Original|hCoV-19^^Mopti|Human|CICM-Mali|Bundeswehr Institut of Microbiology|Antwerpen|Mali

>Spike|hCoV-19/Denmark/DCGC-16910/2020|2020-12-14|EPI_ISL_750638|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4990F9/2020|2020-12-02|EPI_ISL_727257|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A66B67/2020|2020-10-12|EPI_ISL_630568|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11734/2020|2020-10-26|EPI_ISL_670528|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-11879/2020|2020-09-16|EPI_ISL_789898|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/QLDID921/2020|2020-03-11|EPI_ISL_417033|Original|hCoV-19^^Queensland|Human|Sullivan Nicolaides Pathology|Public Health Virology Laboratory|Warrilow|Australia

>Spike|hCoV-19/USA/CA-QRTP-Donor3/2020|2020-04-01|EPI_ISL_490212|Original|hCoV-19^^California|Human|Quest Diagnostics|Q Squared Solutions - QRTP facility|Weigman|USA

>Spike|hCoV-19/India/MH-NIV-206415/2020|2020-09-10|EPI_ISL_577666|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/MILK-99D0B4/2020|2020-08-30|EPI_ISL_549926|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0615/2020|2020-03-17|EPI_ISL_454338|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Spain/MD-IBV-005324/2020|2020-03-17|EPI_ISL_510203|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/GSTT-265E4CF/2020|2020-03-31|EPI_ISL_484209|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C543F9/2020|2020-12-12|EPI_ISL_757067|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16478/2020|2020-11-16|EPI_ISL_714792|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW306/2020|2020-04-01|EPI_ISL_451570|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC8929/2020|2020-07-28|EPI_ISL_565285|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-AAAE04/2020|2020-10-21|EPI_ISL_652745|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4168/2020|2020-06-18|EPI_ISL_543407|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-10046/2020|2020-11-09|EPI_ISL_669359|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CT-Yale-044/2020|2020-03-23|EPI_ISL_419512|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/CA-CZB-4714/2020|2020-08-27|EPI_ISL_582894|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-91E0E8/2020|2020-06-23|EPI_ISL_553313|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-77FF8/2020|2020-04-01|EPI_ISL_441264|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2464/2020|2020-03-16|EPI_ISL_604806|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A861AB/2020|2020-10-17|EPI_ISL_606000|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5130/2020|2020-06-23|EPI_ISL_544546|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48A83F/2020|2020-11-04|EPI_ISL_650549|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22635/2020|2020-12-14|EPI_ISL_757682|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00270/2020|2020-04-17|EPI_ISL_791702|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Morocco/FMP-3/2020|2020-11-00|EPI_ISL_728272|Original|hCoV-19^^Rabat|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahgghiri|Morocco

>Spike|hCoV-19/Belgium/regal-12111330/2020|2020-12-11|EPI_ISL_738383|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMB-7369D/2020|2020-03-22|EPI_ISL_440185|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH554/2020|2020-04-21|EPI_ISL_512958|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Wales/PHWC-4A4529/2020|2020-12-16|EPI_ISL_764704|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-90B127/2020|2020-06-22|EPI_ISL_556606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10552/2020|2020-07-08|EPI_ISL_789531|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-1260/2020|2020-05-12|EPI_ISL_454680|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/WI-UW-1423/2020|2020-09-11|EPI_ISL_541556|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison Campus AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/QEUI-5DCC5F/2020|2020-06-17|EPI_ISL_533274|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2008951/2020|2020-05-15|EPI_ISL_525278|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Canada/BC_06944842/2020|2020-04-00|EPI_ISL_466808|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19/USA/HI-H200129/2020|2020-07-05|EPI_ISL_752692|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/England/MILK-C61CB2/2020|2020-12-13|EPI_ISL_735609|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-12849C/2020|2020-04-16|EPI_ISL_469664|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/204390715/2020|2020-10-22|EPI_ISL_649874|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-FB518/2020|2020-08-19|EPI_ISL_585231|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/United Arab Emirates/1065/2020|2020-06-11|EPI_ISL_698140|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/Germany/SH-ChVir8321/2020|2020-07-27|EPI_ISL_729578|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/India/MH-NIV-27109/2020|2020-05-11|EPI_ISL_479526|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
>Spike|hCoV-19/USA/TX-HMH-5537/2020|2020-06-25|EPI_ISL_544847|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-B831E9/2020|2020-11-14|EPI_ISL_675590|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/France/PAC-MEPHI-2375/2020|2020-10-10|EPI_ISL_644547|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/Gibraltar/204421196/2020|2020-10-27|EPI_ISL_613657|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19/England/CAMC-B0C485/2020|2020-10-29|EPI_ISL_649628|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUI-9C87CA/2020|2020-09-11|EPI_ISL_567167|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-1789/2020|2020-07-20|EPI_ISL_618220|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-B85A82/2020|2020-11-14|EPI_ISL_675670|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Sweden/20-50150/2020|2020-03-05|EPI_ISL_455860|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/England/CAMB-1AB6E6/2020|2020-04-27|EPI_ISL_444327|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487DCA/2020|2020-10-28|EPI_ISL_639306|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CEAB5/2020|2020-08-31|EPI_ISL_540759|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C9FB/2020|2020-11-19|EPI_ISL_742630|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-AA3F0/2020|2020-03-23|EPI_ISL_517449|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-961E64/2020|2020-07-31|EPI_ISL_536980|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20566/2020|2020-12-15|EPI_ISL_790650|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/FL-BPHL-0582/2020|2020-03-21|EPI_ISL_508786|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20359/2020|2020-12-07|EPI_ISL_728579|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUEH-CDE351/2020|2020-12-26|EPI_ISL_782348|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3595/2020|2020-06-15|EPI_ISL_543051|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-6331/2020|2020-09-07|EPI_ISL_621188|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/RI-IBV-006014/2020|2020-03-29|EPI_ISL_500444|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-7D3F6/2020|2020-04-06|EPI_ISL_441632|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B7FD5/2020|2020-09-08|EPI_ISL_590535|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M588/2020|2020-06-10|EPI_ISL_495217|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Netherlands/ZH-EMC-987/2020|2020-11-09|EPI_ISL_722757|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B1D603/2020|2020-11-01|EPI_ISL_646113|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4809EB/2020|2020-10-11|EPI_ISL_612959|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2095/2020|2020-04-02|EPI_ISL_548123|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Japan/PG-2054/2020|2020-04-00|EPI_ISL_685659|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-BA9EB9/2020|2020-11-18|EPI_ISL_681648|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BDA8/2020|2020-11-03|EPI_ISL_666356|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hungary/US-60522w/2020|2020-10-02|EPI_ISL_677811|Original|hCoV-19^^B\u00e9lcs-Kiskun county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/LA-BIE-018/2020|2020-04-07|EPI_ISL_468709|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Denmark/DCGC-19150/2020|2020-12-07|EPI_ISL_748199|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-9007/2020|2020-07-02|EPI_ISL_780891|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B55678/2020|2020-11-05|EPI_ISL_657381|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9FA4/2020|2020-11-20|EPI_ISL_702017|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AEB20/2020|2020-04-28|EPI_ISL_524610|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0272/2020|2020-03-14|EPI_ISL_693350|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/ALDP-94E410/2020|2020-06-17|EPI_ISL_555382|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18940/2020|2020-11-25|EPI_ISL_785236|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/ALAB-HH-183/2020|2020-04-14|EPI_ISL_452049|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-20738/2020|2020-12-21|EPI_ISL_759334|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ID-UW-4433/2020|2020-03-27|EPI_ISL_426073|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B1CCF3/2020|2020-11-01|EPI_ISL_645579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C82F85/2020|2020-12-17|EPI_ISL_762827|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-96B69F/2020|2020-08-17|EPI_ISL_531249|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW777/2020|2020-07-29|EPI_ISL_526119|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Russia/StPetersburg-RII6846V/2020|2020-04-15|EPI_ISL_450245|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/United Arab Emirates/0012/2020|2020-05-07|EPI_ISL_698222|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-3083/2020|2020-06-09|EPI_ISL_543984|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1022/2020|2020-00-00|EPI_ISL_722488|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-81034/2020|2020-04-20|EPI_ISL_438558|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-2351/2020|2020-05-00|EPI_ISL_685956|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-CB6AA5/2020|2020-12-19|EPI_ISL_761678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2392/2020|2020-06-13|EPI_ISL_497024|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-1394/2020|2020-04-00|EPI_ISL_685001|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-1962/2020|2020-05-06|EPI_ISL_486234|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Peru/LIM-INS-157/2020|2020-03-19|EPI_ISL_536550|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/Wales/PHWC-48EE1B/2020|2020-11-11|EPI_ISL_681010|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0320605/2020|2020-10-02|EPI_ISL_739756|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/MD-IBV-97010030/2020|2020-03-19|EPI_ISL_779716|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NM-NMDOH-2020329281/2020|2020-09-01|EPI_ISL_569662|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/New Zealand/20VR1910/2020|2020-04-02|EPI_ISL_456305|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Denmark/DCGC-16214/2020|2020-11-16|EPI_ISL_714643|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/OCC-SC529/2020|2020-03-11|EPI_ISL_644698|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/WI-UW-1711/2020|2020-09-11|EPI_ISL_605584|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/ME-HETL-J0056/2020|2020-03-16|EPI_ISL_513467|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Japan/PG-1048/2020|2020-04-00|EPI_ISL_684658|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-K003332/2020|2020-09-07|EPI_ISL_602725|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH0327/2020|2020-03-28|EPI_ISL_434939|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-61B1B/2020|2020-03-25|EPI_ISL_529327|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2037/2020|2020-09-30|EPI_ISL_677443|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-95D029/2020|2020-06-18|EPI_ISL_554989|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB395F/2020|2020-10-22|EPI_ISL_650877|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0300/2020|2020-06-25|EPI_ISL_487288|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-955D57/2020|2020-06-12|EPI_ISL_554063|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012142512/2020|2020-11-27|EPI_ISL_746911|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/MILK-9A6B99/2020|2020-09-02|EPI_ISL_550072|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3078/2020|2020-04-00|EPI_ISL_691201|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CWAR-24FD989/2020|2020-04-24|EPI_ISL_584457|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA3268/2020|2020-11-18|EPI_ISL_721060|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-002731/2020|2020-04-14|EPI_ISL_467281|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-UW-13084/2020|2020-06-30|EPI_ISL_570951|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Italy/LOM-ASST-6/2020|2020-03-02|EPI_ISL_486662|Original|hCoV-19^^Lombardy|Human|Microbiology|Microbiology|Comandatore|Italy

>Spike|hCoV-19/USA/OR-PROV-108/2020|2020-04-23|EPI_ISL_482376|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/India/GJ-GBRC289/2020|2020-06-05|EPI_ISL_495026|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/LIVE-A742D/2020|2020-03-28|EPI_ISL_517020|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12292/2020|2020-09-23|EPI_ISL_790284|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-792A2/2020|2020-04-03|EPI_ISL_441106|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2589/2020|2020-08-17|EPI_ISL_617825|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001028/2020|2020-09-28|EPI_ISL_633044|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/SHEF-C51F5/2020|2020-05-27|EPI_ISL_535056|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22506/2020|2020-12-14|EPI_ISL_757600|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT2022/2020|2020-11-19|EPI_ISL_731928|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/MILK-ACFAD8/2020|2020-10-17|EPI_ISL_652122|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-1194/2020|2020-04-00|EPI_ISL_684804|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A3047/2020|2020-12-14|EPI_ISL_744044|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012056251/2020|2020-08-14|EPI_ISL_746115|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/NSW627/2020|2020-06-24|EPI_ISL_490036|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-9AAAC5/2020|2020-09-01|EPI_ISL_550876|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1109/2020|2020-06-03|EPI_ISL_470789|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/SHEF-10D7825/2020|2020-12-06|EPI_ISL_742104|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18457/2020|2020-12-07|EPI_ISL_749396|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9DED1/2020|2020-04-05|EPI_ISL_453246|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-7055/2020|2020-08-00|EPI_ISL_688160|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/SH-ETHZ-380221/2020|2020-11-23|EPI_ISL_721864|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-724A89/2020|2020-07-01|EPI_ISL_557638|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3364/2020|2020-09-03|EPI_ISL_635104|Original|hCoV-19^^Viken|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/WI-WSLH-200349/2020|2020-04-21|EPI_ISL_578521|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/MILK-B8F851/2020|2020-11-13|EPI_ISL_674812|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200014/2020|2020-04-16|EPI_ISL_752610|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21212/2020|2020-03-29|EPI_ISL_507469|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/20080000404/2020|2020-02-16|EPI_ISL_464177|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH451/2020|2020-04-21|EPI_ISL_678030|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Northern Ireland/QEUIH-969D6F/2020|2020-08-14|EPI_ISL_530857|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA19/2020|2020-06-17|EPI_ISL_508214|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Switzerland/SO-ETHZ-390228/2020|2020-11-27|EPI_ISL_721690|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-DB3069/2020|2020-10-29|EPI_ISL_650268|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-C6AF9/2020|2020-09-14|EPI_ISL_559913|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9B57DF/2020|2020-08-28|EPI_ISL_590347|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A8477/2020|2020-03-27|EPI_ISL_517166|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0139/2020|2020-06-18|EPI_ISL_495160|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/Wales/ALDP-8D984C/2020|2020-06-24|EPI_ISL_557126|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E7694/2020|2020-05-04|EPI_ISL_449062|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F6C0/2020|2020-10-03|EPI_ISL_609642|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004327/2020|2020-10-26|EPI_ISL_660203|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/India/OR-ILSCV15547/2020|2020-05-11|EPI_ISL_463036|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/NORW-F74D3/2020|2020-12-02|EPI_ISL_704142|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC7151/2020|2020-08-06|EPI_ISL_562705|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A51F54/2020|2020-10-07|EPI_ISL_598085|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3283/2020|2020-08-31|EPI_ISL_616035|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_438/2020|2020-04-09|EPI_ISL_455240|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-15495/2020|2020-10-24|EPI_ISL_786979|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-190016/2020|2020-07-06|EPI_ISL_500881|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Thailand/Bangkok-CONI-0266/2020|2020-03-14|EPI_ISL_693345|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Guatemala/CDC-1229/2020|2020-03-15|EPI_ISL_509710|Original|hCoV-19^^Guatemala|Human|Guatemala Ministry of Public Health|Pathogen Discovery|Queen|Guatemala

>Spike|hCoV-19/England/NOTT-11B784/2020|2020-11-12|EPI_ISL_650430|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2173/2020|2020-11-23|EPI_ISL_723124|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUEH-9DD9CC/2020|2020-09-21|EPI_ISL_599661|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CA169/2020|2020-04-03|EPI_ISL_432483|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6955/2020|2020-10-12|EPI_ISL_619801|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-AEFEB8/2020|2020-10-30|EPI_ISL_676457|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/197/2020|2020-10-12|EPI_ISL_639694|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/United Arab Emirates/0028/2020|2020-05-17|EPI_ISL_698237|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Spain/AN-IBV-98001644/2020|2020-04-07|EPI_ISL_538122|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-5737/2020|2020-09-28|EPI_ISL_621242|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/AST-RII-MH4437S/2020|2020-09-17|EPI_ISL_733186|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/EDB1519/2020|2020-04-13|EPI_ISL_433069|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/201060045/2020|2020-03-04|EPI_ISL_464379|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7C04B/2020|2020-04-13|EPI_ISL_433983|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A193F/2020|2020-12-11|EPI_ISL_743748|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-80BF8/2020|2020-04-11|EPI_ISL_442914|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-D421E/2020|2020-04-06|EPI_ISL_444103|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0890/2020|2020-06-16|EPI_ISL_610026|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/SHEF-10D7F3F/2020|2020-12-20|EPI_ISL_742111|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0405/2020|2020-11-24|EPI_ISL_698084|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Japan/PG-7838/2020|2020-08-00|EPI_ISL_686940|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-5666/2020|2020-04-00|EPI_ISL_688790|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/PV-IBV-2129/2020|2020-04-12|EPI_ISL_468940|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-15911/2020|2020-07-10|EPI_ISL_785595|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC8051/2020|2020-08-12|EPI_ISL_564819|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-11290/2020|2020-11-02|EPI_ISL_670816|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT0918/2020|2020-03-28|EPI_ISL_511175|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/England/QEUEH-96DF83/2020|2020-08-18|EPI_ISL_530556|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2BE32/2020|2020-04-09|EPI_ISL_445855|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC14078/2020|2020-09-16|EPI_ISL_592345|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Bosnia and Herzegovina/ChVir7387/2020|2020-04-11|EPI_ISL_462461|Original|hCoV-19^^Maglaj|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina

>Spike|hCoV-19/Scotland/CVR3533/2020|2020-05-14|EPI_ISL_473671|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3287/2020|2020-07-17|EPI_ISL_548307|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-BBA0FB/2020|2020-11-20|EPI_ISL_701956|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC293b/2020|2020-06-15|EPI_ISL_495033|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/DE-DHSS-F917937/2020|2020-03-25|EPI_ISL_576153|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/ALDP-95CAE0/2020|2020-06-17|EPI_ISL_553561|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-203933/2020|2020-10-10|EPI_ISL_746758|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Japan/PG-6182/2020|2020-08-00|EPI_ISL_689294|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-15413/2020|2020-10-21|EPI_ISL_786897|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9C2A6D/2020|2020-09-10|EPI_ISL_566647|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4920C3/2020|2020-11-17|EPI_ISL_706817|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9AE250/2020|2020-09-02|EPI_ISL_637545|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/EXET-13A048/2020|2020-11-07|EPI_ISL_664644|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12028/2020|2020-09-17|EPI_ISL_790171|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-9BA45B/2020|2020-09-09|EPI_ISL_573814|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC879/2020|2020-04-06|EPI_ISL_427134|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1AAC8B/2020|2020-04-18|EPI_ISL_470224|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19276/2020|2020-11-23|EPI_ISL_783735|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-WL-CVG00112/2020|2020-10-12|EPI_ISL_765952|Original|hCoV-19^^Arizona|Human|Worobey Lab|Worobey Lab|Larsen|USA

>Spike|hCoV-19/Israel/n14270/2020|2020-03-17|EPI_ISL_483715|Original|hCoV-19^^Kfar Saba|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/NORT-28D6AD/2020|2020-11-18|EPI_ISL_705282|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Canada/BC_3808524/2020|2020-03-09|EPI_ISL_418819|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/UT-02544/2020|2020-04-24|EPI_ISL_487201|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/AZ-TG395201/2020|2020-06-19|EPI_ISL_694720|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Spain/AR-IBV-2408/2020|2020-03-26|EPI_ISL_468832|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/NOTT-11329A/2020|2020-09-14|EPI_ISL_549491|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-420168/2020|2020-12-18|EPI_ISL_768037|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORT-2844F7/2020|2020-03-22|EPI_ISL_488667|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-97006346/2020|2020-07-21|EPI_ISL_537380|Original|hCoV-19^^Galicia|Human|Complejo Hospitalario Universitario de Vigo|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Portugal/PT1573/2020|2020-06-29|EPI_ISL_693581|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/Scotland/EDB7966/2020|2020-09-28|EPI_ISL_585462|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WA-S2378/2020|2020-06-12|EPI_ISL_497010|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/CL-IBV-97006334/2020|2020-05-13|EPI_ISL_537685|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/MI-UM-10036587103/2020|2020-10-23|EPI_ISL_649991|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah270/2020|2020-03-30|EPI_ISL_437752|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-1347/2020|2020-05-11|EPI_ISL_617942|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-A1F8C0/2020|2020-10-01|EPI_ISL_599018|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC104/2020|2020-03-17|EPI_ISL_419818|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR4905/2020|2020-10-02|EPI_ISL_594672|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A4D7/2020|2020-04-06|EPI_ISL_445575|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10931C/2020|2020-10-20|EPI_ISL_651410|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/LOND-1250822/2020|2020-10-27|EPI_ISL_664839|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Turkey/KU-034/2020|2020-05-20|EPI_ISL_495444|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/England/NOTT-114F92/2020|2020-10-12|EPI_ISL_584783|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-9FAE8E/2020|2020-09-28|EPI_ISL_588155|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002568/2020|2020-07-29|EPI_ISL_535434|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-SIALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Northern Ireland/NIRE-1020FE/2020|2020-03-20|EPI_ISL_441381|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-526/2020|2020-08-22|EPI_ISL_700172|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/France/OCC-SC560/2020|2020-04-20|EPI_ISL_660727|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/CVR5363/2020|2020-10-22|EPI_ISL_650843|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-828/2020|2020-03-30|EPI_ISL_444926|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/South Korea/KDCA0159/2020|2020-11-16|EPI_ISL_747393|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/QEUA-BCD7C3/2020|2020-11-26|EPI_ISL_704466|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/5996/2020|2020-05-08|EPI_ISL_496514|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/QEUA-CADA29/2020|2020-12-20|EPI_ISL_761014|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7EBD4/2020|2020-11-14|EPI_ISL_661894|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E69C0/2020|2020-09-24|EPI_ISL_580472|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S547/2020|2020-03-24|EPI_ISL_434307|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-483CFE/2020|2020-10-19|EPI_ISL_627270|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15023/2020|2020-11-23|EPI_ISL_713585|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_06768018/2020|2020-04-00|EPI_ISL_466803|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-17133/2020|2020-12-14|EPI_ISL_750775|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1463/2020|2020-12-10|EPI_ISL_728199|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-B05246/2020|2020-10-24|EPI_ISL_637381|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-BACD7D/2020|2020-11-17|EPI_ISL_681472|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACCBC9/2020|2020-10-21|EPI_ISL_634434|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0144/2020|2020-03-15|EPI_ISL_455938|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/VA-DCLS-0425/2020|2020-04-29|EPI_ISL_477641|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Japan/IC-0585/2020|2020-11-00|EPI_ISL_779671|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR1534/2020|2020-04-04|EPI_ISL_433610|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Singapore/896/2020|2020-03-13|EPI_ISL_536437|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-A585E2/2020|2020-10-07|EPI_ISL_597094|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-UT-001/2020|2020-05-13|EPI_ISL_485809|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|Institut f\u00fcr Virologie und Epidemiologie der Viruskrankheiten|NGS Competence Center T\u00fcbingen|Angelov|Germany

>Spike|hCoV-19/Denmark/DCGC-15157/2020|2020-11-23|EPI_ISL_713665|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6431/2020|2020-10-12|EPI_ISL_620331|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0637/2020|2020-07-16|EPI_ISL_576292|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-2178/2020|2020-03-00|EPI_ISL_685783|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-A4CBA3/2020|2020-10-05|EPI_ISL_596028|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Indonesia/JK-LIPI002/2020|2020-08-13|EPI_ISL_518820|Original|hCoV-19^^Jakarta|Human|Klinik Apotek Dein|Biosafety Level-3 Laboratory|Lisdiyanti|Indonesia

>Spike|hCoV-19/Canada/ON-S805/2020|2020-04-00|EPI_ISL_591234|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/SHEF-D029A/2020|2020-03-19|EPI_ISL_432611|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2447/2020|2020-05-30|EPI_ISL_545314|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW715/2020|2020-07-28|EPI_ISL_513358|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC3059/2020|2020-00-00|EPI_ISL_520766|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-2356D1/2020|2020-11-12|EPI_ISL_742130|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D9D8/2020|2020-09-26|EPI_ISL_577476|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-1258DF/2020|2020-03-29|EPI_ISL_443686|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00230821/2020|2020-03-21|EPI_ISL_535935|Original|hCoV-19^^Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaud\u00e9re|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/NOTT-110D6F/2020|2020-04-29|EPI_ISL_448414|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19773/2020|2020-12-07|EPI_ISL_747778|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B79EC1/2020|2020-11-12|EPI_ISL_741060|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LOND-DAOD2/2020|2020-11-08|EPI_ISL_665664|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7289/2020|2020-10-12|EPI_ISL_619099|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9FD44D/2020|2020-10-02|EPI_ISL_587832|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB-196PT/2020|2020-08-28|EPI_ISL_722900|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Russia/Tver-72601/2020|2020-03-19|EPI_ISL_428921|Vero|hCoV-19^^Tver|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/England/QEUH-964FAA/2020|2020-08-13|EPI_ISL_530998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A82F96/2020|2020-10-14|EPI_ISL_610719|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A9ADC/2020|2020-04-11|EPI_ISL_538841|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM76781771/2020|2020-11-30|EPI_ISL_753483|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Oman/B-7106/2020|2020-05-06|EPI_ISL_491145|Original|hCoV-19^^South Batinah|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/Shanghai/SH0056/2020|2020-02-08|EPI_ISL_416364|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/USA/TX-DSHS-1114/2020|2020-06-21|EPI_ISL_615151|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-B52D49/2020|2020-11-09|EPI_ISL_657618|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134087404/2020|2020-03-25|EPI_ISL_465815|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-4368/2020|2020-07-00|EPI_ISL_692595|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-3746/2020|2020-07-24|EPI_ISL_548485|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Finland/2A68SVIIIA/2020|2020-04-02|EPI_ISL_481651|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/LCST-24D70AE/2020|2020-06-07|EPI_ISL_478361|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-8574/2020|2020-08-00|EPI_ISL_686170|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-0334/2020|2020-03-29|EPI_ISL_480008|Original|hCoV-19^^Kanto|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-10036738304/2020|2020-11-02|EPI_ISL_682161|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUEH-A0BE2F/2020|2020-10-01|EPI_ISL_599350|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1920/2020|2020-05-13|EPI_ISL_452982|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Malaysia/3321/2020|2020-03-30|EPI_ISL_501203|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/Netherlands/un-EMC-735/2020|2020-03-14|EPI_ISL_523490|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-99532C/2020|2020-08-24|EPI_ISL_552407|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13000/2020|2020-10-21|EPI_ISL_672297|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Singapore/428/2020|2020-03-20|EPI_ISL_475959|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Canada/QC_AY3/2020|2020-04-12|EPI_ISL_463955|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Belgium/ULG-10591/2020|2020-10-23|EPI_ISL_626337|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/OXON-B1C28/2020|2020-05-03|EPI_ISL_479080|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR4717/2020|2020-09-21|EPI_ISL_611718|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4063/2020|2020-10-03|EPI_ISL_636423|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/MI-UM-10036587493/2020|2020-10-23|EPI_ISL_649984|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUEH-9F98FA/2020|2020-09-25|EPI_ISL_589141|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2D284/2020|2020-11-04|EPI_ISL_659875|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020330134/2020|2020-09-04|EPI_ISL_644604|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-11516/2020|2020-11-02|EPI_ISL_670971|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-14748/2020|2020-10-23|EPI_ISL_738879|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Vietnam/VNHN_0762/2020|2020-03-13|EPI_ISL_435313|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/Japan/PG-3363/2020|2020-04-00|EPI_ISL_691478|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/Krasnodar-63401/2020|2020-03-11|EPI_ISL_428867|Vero|hCoV-19^^Krasnodar|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/England/QEUA-9DE1C3/2020|2020-09-21|EPI_ISL_599706|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-998532/2020|2020-08-24|EPI_ISL_539913|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0091/2020|2020-04-02|EPI_ISL_429988|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/LOND-1262ACD/2020|2020-10-12|EPI_ISL_594886|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-9AA7A0/2020|2020-08-31|EPI_ISL_550857|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0456/2020|2020-03-00|EPI_ISL_684172|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-AF473D/2020|2020-10-30|EPI_ISL_662730|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3DDAE/2020|2020-11-01|EPI_ISL_741395|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-5AB99E/2020|2020-06-08|EPI_ISL_558875|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM31438336/2020|2020-11-15|EPI_ISL_753388|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-A5068D/2020|2020-10-07|EPI_ISL_597539|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491EBB/2020|2020-11-16|EPI_ISL_706791|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6686/2020|2020-10-12|EPI_ISL_619589|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13855/2020|2020-08-17|EPI_ISL_787148|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/BE-ChVir-W1651-8237/2020|2020-07-20|EPI_ISL_753982|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-QDX-1955/2020|2020-03-16|EPI_ISL_604212|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20269/2020|2020-03-26|EPI_ISL_447067|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-957353/2020|2020-06-12|EPI_ISL_553907|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE291E/2020|2020-10-27|EPI_ISL_633680|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF57B/2020|2020-09-21|EPI_ISL_638412|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1049/2020|2020-10-25|EPI_ISL_722547|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9B5A5E/2020|2020-08-28|EPI_ISL_590220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC68C/2020|2020-10-21|EPI_ISL_634421|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B831C/2020|2020-10-19|EPI_ISL_637394|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0863/2020|2020-06-16|EPI_ISL_593595|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-A67D7F/2020|2020-10-09|EPI_ISL_608896|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C5BFA3/2020|2020-12-14|EPI_ISL_769475|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5692/2020|2020-06-00|EPI_ISL_688816|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/CT-ISCIIE-2013585/2020|2020-06-29|EPI_ISL_539541|Original|hCoV-19^^Catalunya|Human|Hospital Cl\u00e9dnic|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/ALDP-A2EE71/2020|2020-10-05|EPI_ISL_587290|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-112775/2020|2020-11-26|EPI_ISL_745339|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-13458/2020|2020-08-22|EPI_ISL_788593|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-00466/2020|2020-03-29|EPI_ISL_419651|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/HECH-2599CB2/2020|2020-05-05|EPI_ISL_482088|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5071/2020|2020-10-11|EPI_ISL_594804|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-2028/2020|2020-09-16|EPI_ISL_640121|Original|hCoV-19^^Western Cape|Human|False Bay Hospital wc FBH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/India/TG-CCMB-L040-P1/2020|2020-04-18|EPI_ISL_458077|Vero P1|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/TX-HMH-6632/2020|2020-06-24|EPI_ISL_546133|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-94F9D4/2020|2020-06-16|EPI_ISL_555272|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1857/2020|2020-09-23|EPI_ISL_614081|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/MILK-BDB63E/2020|2020-11-26|EPI_ISL_709670|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B7F441/2020|2020-11-14|EPI_ISL_676357|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2309/2020|2020-08-10|EPI_ISL_617734|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KDCA0447/2020|2020-11-16|EPI_ISL_760231|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Brazil/RJ-00567/2020|2020-11-04|EPI_ISL_717951|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/TX-HMH-MCoV-14811/2020|2020-10-12|EPI_ISL_786296|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-ACTREC-315/2020|2020-07-16|EPI_ISL_699964|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/NY-NYCPHL-000223/2020|2020-03-19|EPI_ISL_631753|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/UT-08309/2020|2020-05-21|EPI_ISL_524105|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-UW-1445/2020|2020-09-11|EPI_ISL_541577|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Uganda/UG135/2020|2020-10-01|EPI_ISL_738042|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/Denmark/DCGC-6313/2020|2020-09-07|EPI_ISL_615538|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20118148804/2020|2020-03-12|EPI_ISL_464978|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A56C/2020|2020-12-08|EPI_ISL_731381|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1873/2020|2020-07-28|EPI_ISL_526054|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-12474/2020|2020-11-16|EPI_ISL_682655|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG547362/2020|2020-07-06|EPI_ISL_695505|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-9C29BB/2020|2020-09-10|EPI_ISL_566511|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13776/2020|2020-11-30|EPI_ISL_713017|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/HI-H200523/2020|2020-11-02|EPI_ISL_753057|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-4590/2020|2020-08-00|EPI_ISL_689727|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-AF5295/2020|2020-10-30|EPI_ISL_663156|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-34/2020|2020-03-15|EPI_ISL_467828|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/OR-OHSU-2211/2020|2020-08-06|EPI_ISL_667147|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-A6E1D6/2020|2020-10-15|EPI_ISL_607678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5775/2020|2020-08-00|EPI_ISL_688894|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC6653/2020|2020-07-18|EPI_ISL_521410|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/reg-0419536/2020|2020-04-19|EPI_ISL_734629|Original|hCoV-19^^Lubbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-A6ACBB/2020|2020-10-09|EPI_ISL_608814|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1F926/2020|2020-11-01|EPI_ISL_646061|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9707A3/2020|2020-08-17|EPI_ISL_553181|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1A09/2020|2020-10-22|EPI_ISL_624401|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGSC51-05/2020|2020-03-26|EPI_ISL_436499|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/USA/TX-DSHS-0507/2020|2020-06-21|EPI_ISL_560950|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Luxembourg/LNS8512641/2020|2020-07-27|EPI_ISL_744751|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-920/2020|2020-03-30|EPI_ISL_614885|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7716/2020|2020-08-00|EPI_ISL_686818|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/DL-IGIB11305171/2020|2020-08-00|EPI_ISL_751308|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/England/ALDP-B1DB04/2020|2020-11-01|EPI_ISL_646132|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1283/2020|2020-05-12|EPI_ISL_495733|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-CZB-2351/2020|2020-05-13|EPI_ISL_513799|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Luxembourg/LNS0893820/2020|2020-11-25|EPI_ISL_739847|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC4361/2020|2020-07-13|EPI_ISL_519657|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB5667/2020|2020-04-12|EPI_ISL_473826|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-AA230D/2020|2020-10-22|EPI_ISL_624259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uganda/UG087/2020|2020-08-25|EPI_ISL_737998|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/USA/OR-OHSU-0785/2020|2020-06-17|EPI_ISL_525900|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/NORT-295D70/2020|2020-05-17|EPI_ISL_472290|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-A6503C/2020|2020-10-11|EPI_ISL_608515|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BC54F/2020|2020-11-26|EPI_ISL_723878|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Vietnam/PIHCM-305/2020|2020-03-18|EPI_ISL_654878|Vero E6|hCoV-19^^Ho Chi Minh city|Human|Pasteur Institute in Ho Chi Minh city|Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city|Vu|Viet Nam

>Spike|hCoV-19/England/ALDP-95A9D6/2020|2020-06-13|EPI_ISL_554997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01233/2020|2020-06-00|EPI_ISL_548855|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Australia/VIC6727/2020|2020-07-25|EPI_ISL_564016|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-835/2020|2020-04-20|EPI_ISL_614737|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B0839B/2020|2020-10-30|EPI_ISL_643427|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12D637/2020|2020-05-06|EPI_ISL_481961|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-280125/2020|2020-09-08|EPI_ISL_560502|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-6D3932/2020|2020-07-02|EPI_ISL_556271|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20120054704/2020|2020-03-15|EPI_ISL_465725|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/204400155/2020|2020-10-25|EPI_ISL_653939|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9CEE38/2020|2020-09-17|EPI_ISL_601964|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5255/2020|2020-07-00|EPI_ISL_690358|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-005361/2020|2020-03-22|EPI_ISL_510237|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-B433A3/2020|2020-11-07|EPI_ISL_657139|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F55A5/2020|2020-10-26|EPI_ISL_725274|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000891/2020|2020-03-25|EPI_ISL_484738|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMC-B9A0C4/2020|2020-11-15|EPI_ISL_673352|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160683/2020|2020-04-09|EPI_ISL_472961|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-SR0247/2020|2020-03-27|EPI_ISL_437563|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-300420/2020|2020-09-29|EPI_ISL_603379|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC14681/2020|2020-07-29|EPI_ISL_592951|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-4134/2020|2020-07-06|EPI_ISL_648841|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-978073/2020|2020-07-29|EPI_ISL_550492|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB386/2020|2020-03-30|EPI_ISL_425991|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0614/2020|2020-06-13|EPI_ISL_525846|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/SHEF-10CC52C/2020|2020-12-23|EPI_ISL_765169|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL207/2020|2020-08-13|EPI_ISL_574341|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-B54C1D/2020|2020-11-05|EPI_ISL_657761|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-283D0C/2020|2020-04-04|EPI_ISL_488456|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2925/2020|2020-04-21|EPI_ISL_461592|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NOTT-10FB87/2020|2020-04-07|EPI_ISL_432693|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/CVR2771/2020|2020-04-20|EPI_ISL_448193|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-1B9982/2020|2020-11-07|EPI_ISL_664955|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-9C1749/2020|2020-09-10|EPI_ISL_573200|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-AC8FEF/2020|2020-10-22|EPI_ISL_629695|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-121CE6/2020|2020-03-18|EPI_ISL_440251|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-1251F4A/2020|2020-12-01|EPI_ISL_705959|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/India/DL-MaxCov0032-CSIR-IGIB/2020|2020-05-05|EPI_ISL_459934|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/Japan/PG-3700/2020|2020-04-00|EPI_ISL_691953|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-6232/2020|2020-07-07|EPI_ISL_547329|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9949B2/2020|2020-08-24|EPI_ISL_552195|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012868180/2020|2020-08-03|EPI_ISL_745745|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MA-MASPHL-00217/2020|2020-04-13|EPI_ISL_791665|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/LOND-124F2FB/2020|2020-04-22|EPI_ISL_665150|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/ALDP-A50061/2020|2020-10-07|EPI_ISL_597812|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-125C2E/2020|2020-03-29|EPI_ISL_443858|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUIH-CC3D24/2020|2020-12-21|EPI_ISL_760592|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1718/2020|2020-07-25|EPI_ISL_626545|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/CA-CDPH111/2020|2020-09-18|EPI_ISL_755051|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/CA-UCLA-98/2020|2020-03-28|EPI_ISL_537607|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/South Africa/R12713-20/2020|2020-06-16|EPI_ISL_504239|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/CAMB-80220/2020|2020-04-08|EPI_ISL_524546|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2EAB27/2020|2020-00-00|EPI_ISL_727773|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMC-A8297A/2020|2020-10-12|EPI_ISL_610733|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-AA0493/2020|2020-10-20|EPI_ISL_666000|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-A7B956/2020|2020-10-15|EPI_ISL_607463|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0722/2020|2020-07-06|EPI_ISL_526845|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC8342/2020|2020-08-07|EPI_ISL_564954|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1658/2020|2020-09-10|EPI_ISL_605532|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-5C746E/2020|2020-06-19|EPI_ISL_558603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2871/2020|2020-07-08|EPI_ISL_500790|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/MILK-A06149/2020|2020-10-01|EPI_ISL_599970|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A57E9D/2020|2020-10-09|EPI_ISL_597145|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AB247/2020|2020-08-14|EPI_ISL_539765|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-16153/2020|2020-10-29|EPI_ISL_785837|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-C5449C/2020|2020-12-12|EPI_ISL_736386|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C1E9/2020|2020-11-09|EPI_ISL_655763|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CC2DAD/2020|2020-12-21|EPI_ISL_778219|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A916E/2020|2020-04-07|EPI_ISL_539180|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5295/2020|2020-09-14|EPI_ISL_615226|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-C5057F/2020|2020-12-11|EPI_ISL_736683|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-991E6B/2020|2020-08-27|EPI_ISL_552128|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200288/2020|2020-08-06|EPI_ISL_752847|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/OR-OHSU-0811/2020|2020-06-22|EPI_ISL_525906|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/NORW-21FE20/2020|2020-12-11|EPI_ISL_725069|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA732/2020|2020-11-20|EPI_ISL_701707|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17625/2020|2020-07-28|EPI_ISL_663954|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/ALDP-9FDC72/2020|2020-10-02|EPI_ISL_600531|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9176/2020|2020-08-21|EPI_ISL_562708|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-10E001/2020|2020-03-16|EPI_ISL_425483|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/EDB4075/2020|2020-04-16|EPI_ISL_456917|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-294BA/2020|2020-04-01|EPI_ISL_432136|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-73A0A/2020|2020-03-31|EPI_ISL_425266|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22183/2020|2020-10-06|EPI_ISL_614234|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/EXET-135274/2020|2020-04-04|EPI_ISL_457041|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC5521/2020|2020-07-22|EPI_ISL_518355|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-3570/2020|2020-08-31|EPI_ISL_616365|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3235/2020|2020-07-05|EPI_ISL_520916|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-OHSU-0973/2020|2020-07-03|EPI_ISL_526101|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUEH-BA34EA/2020|2020-11-18|EPI_ISL_720993|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2A7C7E/2020|2020-10-02|EPI_ISL_584712|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-95CBCF/2020|2020-06-17|EPI_ISL_553482|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6266/2020|2020-08-00|EPI_ISL_689377|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19850/2020|2020-11-20|EPI_ISL_784172|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9A302/2020|2020-04-16|EPI_ISL_449332|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B33EB4/2020|2020-11-05|EPI_ISL_659246|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-287/2020|2020-07-14|EPI_ISL_504177|Original|hCoV-19^^Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/QEUEH-94342A/2020|2020-07-29|EPI_ISL_532604|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1373CA/2020|2020-03-13|EPI_ISL_471971|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/SHEF-C00B1/2020|2020-03-21|EPI_ISL_420276|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3696/2020|2020-07-17|EPI_ISL_548401|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-AC7A49/2020|2020-10-21|EPI_ISL_634313|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45ADA/2020|2020-10-06|EPI_ISL_598530|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B34AA0/2020|2020-11-05|EPI_ISL_659743|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B1399B/2020|2020-11-02|EPI_ISL_641690|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130C11/2020|2020-03-23|EPI_ISL_492727|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-E33/2020|2020-05-25|EPI_ISL_593511|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/DRC/4501/2020|2020-05-30|EPI_ISL_513591|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/20138009704/2020|2020-03-22|EPI_ISL_423275|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1941/2020|2020-09-14|EPI_ISL_677350|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/BC_26509737/2020|2020-03-00|EPI_ISL_463235|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Switzerland/BLETHZ-340086/2020|2020-10-26|EPI_ISL_721773|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-C5B820/2020|2020-12-14|EPI_ISL_757040|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7CC29/2020|2020-04-05|EPI_ISL_442313|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Iceland/158/2020|2020-03-13|EPI_ISL_417805|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\|u00f3nsson|Iceland

>Spike|hCoV-19/Czech Republic/NRL_3971/2020|2020-03-19|EPI_ISL_491092|Original|hCoV-19^^Litovel|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Japan/PG-4584/2020|2020-08-00|EPI_ISL_689721|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A471B5/2020|2020-10-06|EPI_ISL_598463|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13718/2020|2020-11-06|EPI_ISL_739540|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/France/NAQ-SC298/2020|2020-05-04|EPI_ISL_666718|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-19662/2020|2020-11-29|EPI_ISL_784021|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/SSI-04/2020|2020-03-02|EPI_ISL_416153|Original|hCoV-19^^Copenhagen|Human|Department of Virus and Microbiological Special diagnostics|ViFU|Rasmussen|Denmark

>Spike|hCoV-19/England/QEUH-A78CF6/2020|2020-10-12|EPI_ISL_638776|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/HI-H200351/2020|2020-09-15|EPI_ISL_752907|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Portugal/PT1264/2020|2020-03-19|EPI_ISL_511225|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-94D8D9/2020|2020-06-20|EPI_ISL_555274|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1826/2020|2020-09-15|EPI_ISL_602961|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01296/2020|2020-06-00|EPI_ISL_548900|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/SHEF-10C66C5/2020|2020-12-18|EPI_ISL_764226|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10655/2020|2020-06-09|EPI_ISL_570343|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B54A7D/2020|2020-11-05|EPI_ISL_657772|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-251975-01/2020|2020-10-22|EPI_ISL_734397|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Spain/PV-IBV-001462/2020|2020-03-18|EPI_ISL_467179|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Spain/MD-IBV-99008787/2020|2020-10-20|EPI_ISL_654327|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/NY-NYCPHL-000226/2020|2020-03-23|EPI_ISL_631755|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Spain/AR-IBV-005134/2020|2020-05-28|EPI_ISL_500368|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Belgium/regal-0414489/2020|2020-04-14|EPI_ISL_734572|Original|hCoV-19^^Overijze|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/BRIS-12CA4B/2020|2020-04-17|EPI_ISL_481834|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45954/2020|2020-11-07|EPI_ISL_655991|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292388-01/2020|2020-12-18|EPI_ISL_767673|Original|hCoV-19^^New York|Human|BIO-REFERENCE LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-497E00/2020|2020-11-30|EPI_ISL_726980|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-5F1920/2020|2020-06-16|EPI_ISL_533253|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-BIE-040/2020|2020-04-03|EPI_ISL_463288|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/USA/CA-ALSR-1114-SAN/2020|2020-06-25|EPI_ISL_483537|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-QDX-2394/2020|2020-03-17|EPI_ISL_604668|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/OH-UW-921/2020|2020-07-12|EPI_ISL_509807|Original|hCoV-19^^Ohio|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Brazil/PE-IAM273/2020|2020-04-08|EPI_ISL_500476|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Belgium/ITM_C420/2020|2020-04-10|EPI_ISL_434383|Original|hCoV-19^^Antwerp|Human|Hospital AZ Rivierenland|Institute of Tropical Medicine|Selhorst|Belgium

>Spike|hCoV-19/Japan/PG-3748/2020|2020-04-00|EPI_ISL_692001|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-11692/2020|2020-09-08|EPI_ISL_790087|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-499CB9/2020|2020-12-04|EPI_ISL_727428|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DB2FB8/2020|2020-11-01|EPI_ISL_651271|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20745/2020|2020-12-21|EPI_ISL_759339|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C4C215/2020|2020-12-13|EPI_ISL_736685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201029634/2020|2020-05-31|EPI_ISL_594013|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18482/2020|2020-11-20|EPI_ISL_784830|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0602/2020|2020-03-20|EPI_ISL_508806|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/CVR4192/2020|2020-08-30|EPI_ISL_540864|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1178/2020|2020-04-21|EPI_ISL_542567|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/ULG-10001/2020|2020-03-30|EPI_ISL_421182|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-99568D/2020|2020-08-23|EPI_ISL_551626|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20166072904/2020|2020-04-15|EPI_ISL_466586|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-EED4D/2020|2020-11-29|EPI_ISL_706356|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9D280/2020|2020-10-20|EPI_ISL_727775|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-C1847/2020|2020-06-16|EPI_ISL_528573|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/USA/WA-S820/2020|2020-04-15|EPI_ISL_449990|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-6966/2020|2020-06-28|EPI_ISL_546393|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9C4069/2020|2020-09-09|EPI_ISL_566803|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4991D8/2020|2020-12-02|EPI_ISL_727270|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0119/2020|2020-05-26|EPI_ISL_522852|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Scotland/QEUH-9AD01B/2020|2020-09-05|EPI_ISL_560014|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9D47F8/2020|2020-09-18|EPI_ISL_601598|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n-6035/2020|2020-03-15|EPI_ISL_474974|Original|hCoV-19^^Hukuk|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Wales/PHWC-16E01E/2020|2020-09-28|EPI_ISL_585655|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13DA56/2020|2020-00-00|EPI_ISL_724273|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1461/2020|2020-03-11|EPI_ISL_775974|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-9F1ACF/2020|2020-09-23|EPI_ISL_589666|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-04/2020|2020-03-04|EPI_ISL_414017|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital S\u00e3o Joaquim Beneficencia Portuguesa|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/South Korea/KCDC2494/2020|2020-06-15|EPI_ISL_514897|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-A6E279/2020|2020-10-15|EPI_ISL_606965|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A8D5/2020|2020-11-03|EPI_ISL_650929|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Finland/17MR11cC6/2020|2020-11-17|EPI_ISL_757308|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/VA-DCLS-1905/2020|2020-10-05|EPI_ISL_614092|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/ALDP-A2D49E/2020|2020-10-05|EPI_ISL_598824|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-253C0/2020|2020-03-23|EPI_ISL_420987|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0246/2020|2020-09-28|EPI_ISL_755401|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Switzerland/BL-UHB-42192108/2020|2020-03-16|EPI_ISL_528125|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Japan/PG-5610/2020|2020-08-00|EPI_ISL_688735|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10717/2020|2020-11-02|EPI_ISL_670159|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-AA4981/2020|2020-10-21|EPI_ISL_624913|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-949B2F/2020|2020-06-11|EPI_ISL_556331|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0451/2020|2020-04-16|EPI_ISL_626410|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Wales/PHWC-30ABE/2020|2020-04-09|EPI_ISL_446317|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-459/2020|2020-09-12|EPI_ISL_729744|Original|hCoV-19^^Connecticut|Human|Connecticut Department of Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/WA-S370/2020|2020-03-28|EPI_ISL_434130|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Kenya/C7322/2020|2020-05-16|EPI_ISL_568832|Original|hCoV-19^^Kwale|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Canada/ON-E26/2020|2020-05-23|EPI_ISL_593504|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CAMB-1AB376/2020|2020-04-19|EPI_ISL_470161|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-601/2020|2020-09-18|EPI_ISL_578029|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9757DB/2020|2020-08-20|EPI_ISL_552698|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-2586/2020|2020-04-14|EPI_ISL_468958|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CT-Yale-017/2020|2020-03-19|EPI_ISL_419520|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Australia/VIC6646/2020|2020-07-19|EPI_ISL_521403|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-496724/2020|2020-11-20|EPI_ISL_726627|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW718/2020|2020-07-27|EPI_ISL_513361|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-DSHS-2052/2020|2020-12-03|EPI_ISL_766667|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-2827/2020|2020-04-00|EPI_ISL_690954|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-5851/2020|2020-07-22|EPI_ISL_583210|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/CVR2713/2020|2020-04-18|EPI_ISL_473534|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF68F/2020|2020-10-23|EPI_ISL_631118|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CA2A2/2020|2020-10-31|EPI_ISL_727994|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Singapore/989/2020|2020-03-23|EPI_ISL_548997|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-A66350/2020|2020-10-11|EPI_ISL_626772|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC7105/2020|2020-08-01|EPI_ISL_564234|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-498212/2020|2020-12-01|EPI_ISL_727041|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/138/2020|2020-03-12|EPI_ISL_417720|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Scotland/QEUA-964195/2020|2020-08-12|EPI_ISL_534385|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-675AE/2020|2020-10-22|EPI_ISL_651618|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMC-B79F46/2020|2020-11-12|EPI_ISL_741066|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-AAE0A0/2020|2020-10-22|EPI_ISL_630871|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11309/2020|2020-11-02|EPI_ISL_670831|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9D1685/2020|2020-09-14|EPI_ISL_577295|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13224/2020|2020-11-30|EPI_ISL_712662|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACFE45/2020|2020-10-22|EPI_ISL_651545|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484C0C/2020|2020-10-17|EPI_ISL_627276|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292229-01/2020|2020-12-01|EPI_ISL_767659|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/NSW320/2020|2020-03-30|EPI_ISL_699647|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/NSW1021/2020|2020-03-26|EPI_ISL_593666|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14418/2020|2020-10-07|EPI_ISL_787703|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-H12-32/2020|2020-03-12|EPI_ISL_428695|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/ALDP-BB96AF/2020|2020-11-20|EPI_ISL_702378|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH212/2020|2020-11-15|EPI_ISL_755068|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Poland/27929/2020|2020-11-00|EPI_ISL_732919|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/England/QEUEH-B686FA/2020|2020-11-11|EPI_ISL_662028|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2081/2020|2020-05-26|EPI_ISL_635338|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-BA2B31/2020|2020-11-18|EPI_ISL_672833|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20144064004/2020|2020-03-30|EPI_ISL_423554|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2066/2020|2020-10-09|EPI_ISL_677471|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-ALSR-4380/2020|2020-07-22|EPI_ISL_648996|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/France/OCC-SC550/2020|2020-04-03|EPI_ISL_660721|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/AZ-TG664298/2020|2020-04-29|EPI_ISL_696092|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-2EBFC/2020|2020-04-06|EPI_ISL_446126|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A94E2B/2020|2020-10-19|EPI_ISL_624770|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB888/2020|2020-09-16|EPI_ISL_575472|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26791739/2020|2020-04-06|EPI_ISL_485356|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Japan/PG-3111/2020|2020-05-00|EPI_ISL_691233|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-6205/2020|2020-07-04|EPI_ISL_547310|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA15AE/2020|2020-10-22|EPI_ISL_624275|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-24262/2020|2020-04-06|EPI_ISL_710580|Original|hCoV-19^^Uppsala|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/New Zealand/20VR1840/2020|2020-03-28|EPI_ISL_579144|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/IL-NM-0419/2020|2020-04-13|EPI_ISL_626399|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/ALDP-953B13/2020|2020-06-08|EPI_ISL_553748|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-1090/2020|2020-03-19|EPI_ISL_571831|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-4935F0/2020|2020-11-29|EPI_ISL_725914|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7557/2020|2020-10-12|EPI_ISL_618475|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11805/2020|2020-08-16|EPI_ISL_640909|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-1553/2020|2020-09-09|EPI_ISL_568651|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-PV08456/2020|2020-03-17|EPI_ISL_421405|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/20184026804/2020|2020-04-27|EPI_ISL_465454|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-C3B17/2020|2020-04-18|EPI_ISL_462010|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/France/IDF-211-80/2020|2020-03-11|EPI_ISL_469282|Vero E6|hCoV-19^^\u00cele-de-France|Human|Service de Virologie H\u00f4pital Saint-Louis|Laboratory of Cell Biology of viral infection|Meertens|France

>Spike|hCoV-19/USA/MI-UM-10033871586/2020|2020-04-07|EPI_ISL_578145|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/CVR5226/2020|2020-10-20|EPI_ISL_627398|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7230/2020|2020-06-29|EPI_ISL_546614|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1993/2020|2020-07-20|EPI_ISL_618290|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-128362/2020|2020-04-16|EPI_ISL_469787|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001268/2020|2020-11-09|EPI_ISL_683899|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/HI-H200602/2020|2020-10-05|EPI_ISL_753128|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-8061/2020|2020-09-00|EPI_ISL_687162|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0742/2020|2020-03-22|EPI_ISL_511001|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/South Korea/KCDC2607/2020|2020-07-01|EPI_ISL_515010|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-A2FD55/2020|2020-10-06|EPI_ISL_587176|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008765/2020|2020-10-20|EPI_ISL_654318|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-0420/2020|2020-05-15|EPI_ISL_489829|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC265/2020|2020-03-22|EPI_ISL_419958|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Canada/ON-PHL-20-01771/2020|2020-07-00|EPI_ISL_636924|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/France/IDF-2849/2020|2020-03-17|EPI_ISL_420047|Original|hCoV-19^^\u00cele-de-France|Human|R\u00e9sidence Villa Caroline|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Scotland/CVR4968/2020|2020-10-06|EPI_ISL_594732|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-23/2020|2020-03-16|EPI_ISL_417468|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/GA-CDC-5102/2020|2020-06-29|EPI_ISL_566090|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/C200045989/2020|2020-11-11|EPI_ISL_664093|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00703/2020|2020-09-10|EPI_ISL_682034|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/ALDP-A2F5D5/2020|2020-10-05|EPI_ISL_587296|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W2127-8203/2020|2020-10-07|EPI_ISL_754192|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/England/ALDP-9D99FD/2020|2020-09-18|EPI_ISL_576784|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-103B74/2020|2020-04-16|EPI_ISL_489223|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-SFS-S2853/2020|2020-08-31|EPI_ISL_575031|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B20737/2020|2020-11-02|EPI_ISL_647601|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012152848/2020|2020-07-26|EPI_ISL_745687|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-QDX-117/2020|2020-03-16|EPI_ISL_467811|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NORW-EDA56/2020|2020-00-00|EPI_ISL_490514|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_18944/2020|2020-06-27|EPI_ISL_775009|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Japan/PG-7042/2020|2020-08-00|EPI_ISL_688147|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-19365/2020|2020-12-07|EPI_ISL_748907|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-126CC3/2020|2020-04-10|EPI_ISL_458919|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C061DE/2020|2020-12-05|EPI_ISL_709514|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/EGY-S032/2020|2020-08-17|EPI_ISL_526987|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/England/20118070804/2020|2020-03-12|EPI_ISL_464941|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-2217/2020|2020-04-00|EPI_ISL_685822|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Poland/PL_P26/2020|2020-04-01|EPI_ISL_451987|Original|hCoV-19^^Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/Denmark/DCGC-1906/2020|2020-05-18|EPI_ISL_622496|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2009383/2020|2020-05-27|EPI_ISL_605148|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/SZ-UZH-1000478990/2020|2020-03-03|EPI_ISL_524484|Original|hCoV-19^^Schwyz|Human|Hospital Schwyz|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/England/20182004604/2020|2020-04-24|EPI_ISL_465441|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-321491/2020|2020-10-15|EPI_ISL_603703|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/20099071404/2020|2020-02-29|EPI_ISL_464218|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB537/2020|2020-11-20|EPI_ISL_702535|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-226/2020|2020-04-17|EPI_ISL_527868|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital e Maternidade do Braz|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/FL-BPHL-0913/2020|2020-06-30|EPI_ISL_517803|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-9594E5/2020|2020-06-02|EPI_ISL_554319|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n3837/2020|2020-03-10|EPI_ISL_649068|Original|hCoV-19^^Beer-Sheva|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Wales/PHWC-480F52/2020|2020-10-15|EPI_ISL_613017|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT0962/2020|2020-03-24|EPI_ISL_511511|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-ALSR-2218/2020|2020-06-25|EPI_ISL_635390|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-UW-12760/2020|2020-06-29|EPI_ISL_570898|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MA-MGH-00179/2020|2020-03-26|EPI_ISL_460451|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Canada/ON-S201/2020|2020-03-25|EPI_ISL_586379|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC21481/2020|2020-07-19|EPI_ISL_516208|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-9F44A0/2020|2020-09-24|EPI_ISL_588443|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-SLB3242/2020|2020-11-24|EPI_ISL_717734|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Finland/30M75S3/2020|2020-03-30|EPI_ISL_481657|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/BRIS-12AB4A/2020|2020-05-01|EPI_ISL_458418|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-451/2020|2020-03-21|EPI_ISL_571173|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/204361199/2020|2020-10-22|EPI_ISL_637121|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-289AD/2020|2020-04-02|EPI_ISL_445383|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CBE1D/2020|2020-09-16|EPI_ISL_575467|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13592/2020|2020-11-30|EPI_ISL_712896|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-885/2020|2020-05-11|EPI_ISL_614801|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-109473/2020|2020-10-13|EPI_ISL_651329|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036673508/2020|2020-10-28|EPI_ISL_650075|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/India/GJ-GBRC-384b/2020|2020-06-22|EPI_ISL_524745|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Japan/PG-0282/2020|2020-03-00|EPI_ISL_684155|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B75469/2020|2020-11-12|EPI_ISL_740904|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1978/2020|2020-03-26|EPI_ISL_776298|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-B756EB/2020|2020-11-12|EPI_ISL_662212|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001962/2020|2020-03-14|EPI_ISL_452419|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9laga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-97637C/2020|2020-08-20|EPI_ISL_575947|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18005/2020|2020-12-14|EPI_ISL_749695|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-9CE30C/2020|2020-09-16|EPI_ISL_601892|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18742/2020|2020-11-22|EPI_ISL_785083|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-96F1A9/2020|2020-08-17|EPI_ISL_530545|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20975/2020|2020-12-21|EPI_ISL_759484|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1409/2020|2020-05-04|EPI_ISL_648743|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Finland/FIN-318/2020|2020-03-04|EPI_ISL_414644|Original|hCoV-19^^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Kazakhstan/26580/2020|2020-04-26|EPI_ISL_454604|Original|hCoV-19^^Nursultan|Human|Laboratory of virology|Laboratory of molecular-genetic research|Abdaliyev|Kazakhstan

>Spike|hCoV-19/England/QEUA-AF0C7E/2020|2020-10-29|EPI_ISL_662818|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B37551/2020|2020-11-05|EPI_ISL_645491|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0631/2020|2020-07-17|EPI_ISL_614379|Original|hCoV-19^^Yamoussoukro|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/USA/TX-HMH-3781/2020|2020-06-13|EPI_ISL_543186|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-18536B6/2020|2020-04-09|EPI_ISL_492281|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00565/2020|2020-11-03|EPI_ISL_717949|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Australia/VIC2924/2020|2020-07-06|EPI_ISL_521755|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9FF44B/2020|2020-09-30|EPI_ISL_600299|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18816/2020|2020-12-07|EPI_ISL_748574|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15400/2020|2020-10-21|EPI_ISL_786884|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9549BE/2020|2020-06-12|EPI_ISL_553397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11994/2020|2020-09-15|EPI_ISL_790162|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-0097/2020|2020-04-01|EPI_ISL_467462|Original|hCoV-19^^KwaZulu-Natal|Human|AMPATH-DBN|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Canada/NS-NML-156/2020|2020-04-18|EPI_ISL_579526|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/England/20142015504/2020|2020-03-29|EPI_ISL_423433|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F6B4/2020|2020-10-05|EPI_ISL_587004|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7D3DD/2020|2020-11-14|EPI_ISL_741856|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1935/2020|2020-06-04|EPI_ISL_495173|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/NORT-1B719E3/2020|2020-11-18|EPI_ISL_703010|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-6425/2020|2020-07-00|EPI_ISL_689531|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-CDC-2-3714272/2020|2020-10-30|EPI_ISL_751548|Original|hCoV-19^^New York|Human|NYSDOH Wadsworth Center|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/South Korea/KCDC2053/2020|2020-02-23|EPI_ISL_481373|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-A9EB1B/2020|2020-10-19|EPI_ISL_721563|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38338/2020|2020-11-01|EPI_ISL_658853|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7FC08/2020|2020-04-16|EPI_ISL_433491|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Brazil/RJ-UFRJ-1019/2020|2020-04-15|EPI_ISL_492032|Original|hCoV-19^^Rio de Janeiro|Human|Instituto de Biologia do Ex\u00e9rcito|Laborat\u00f3rio Metabolismo Macromolecular FirminoTorres de Castro|Moura-Neto|Brazil

>Spike|hCoV-19/USA/TX-HMH-3438/2020|2020-06-14|EPI_ISL_544194|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-21FEC6/2020|2020-12-11|EPI_ISL_725077|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04313/2020|2020-05-15|EPI_ISL_575143|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC800/2020|2020-04-01|EPI_ISL_427074|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-A461D4/2020|2020-10-06|EPI_ISL_598593|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5823/2020|2020-04-27|EPI_ISL_487736|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486648/2020|2020-10-29|EPI_ISL_639062|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0761/2020|2020-05-19|EPI_ISL_708835|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-4122/2020|2020-06-18|EPI_ISL_543388|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-91F6F4/2020|2020-06-23|EPI_ISL_553279|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-420312/2020|2020-12-20|EPI_ISL_768005|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-201117437/2020|2020-05-01|EPI_ISL_634907|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/DRC/108/2020|2020-03-19|EPI_ISL_417948|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/England/QEUA-B31CF8/2020|2020-11-04|EPI_ISL_646331|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42395177/2020|2020-08-14|EPI_ISL_581955|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/WA-S1859/2020|2020-05-28|EPI_ISL_496285|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-CB7558/2020|2020-12-18|EPI_ISL_777789|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-255/2020|2020-05-19|EPI_ISL_735320|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/TX-HMH-5265/2020|2020-06-24|EPI_ISL_544637|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-A0B37B/2020|2020-10-01|EPI_ISL_599469|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1954/2020|2020-11-13|EPI_ISL_732181|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Netherlands/NB-RIVM-10078/2020|2020-00-00|EPI_ISL_547487|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-28AF5/2020|2020-04-02|EPI_ISL_445401|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-126434/2020|2020-04-10|EPI_ISL_458990|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0125/2020|2020-05-13|EPI_ISL_467477|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-AE251A/2020|2020-10-26|EPI_ISL_633552|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F9405/2020|2020-09-25|EPI_ISL_600886|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-DB45D/2020|2020-11-17|EPI_ISL_724768|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/EDB6062/2020|2020-05-09|EPI_ISL_478200|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21982/2020|2020-12-14|EPI_ISL_758490|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG366762/2020|2020-06-04|EPI_ISL_694509|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/UT-03044/2020|2020-05-01|EPI_ISL_522315|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR6010/2020|2020-11-27|EPI_ISL_680454|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Gambia/GC19-2985/2020|2020-07-24|EPI_ISL_561158|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Ireland/LH-NVRL-22901/2020|2020-03-10|EPI_ISL_418582|Original|hCoV-19^^Louth|Human|UCD National Virus Reference Laboratory|UCD National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-922/2020|2020-03-30|EPI_ISL_614534|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-UHTC_0385/2020|2020-11-24|EPI_ISL_698082|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUEH-AF2948/2020|2020-10-30|EPI_ISL_662702|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1626/2020|2020-08-19|EPI_ISL_614031|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-DSHS-0884/2020|2020-06-16|EPI_ISL_610020|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-21361/2020|2020-12-21|EPI_ISL_758128|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB2608/2020|2020-04-25|EPI_ISL_439241|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-B26009/2020|2020-11-04|EPI_ISL_646689|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A12FC/2020|2020-06-03|EPI_ISL_499951|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12355/2020|2020-06-27|EPI_ISL_570510|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-4A1FE2/2020|2020-12-14|EPI_ISL_743841|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-236/2020|2020-06-18|EPI_ISL_537542|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/South Africa/KRISP-K003704/2020|2020-10-04|EPI_ISL_602884|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-486781/2020|2020-10-30|EPI_ISL_639077|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493754/2020|2020-11-29|EPI_ISL_725935|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-720CD/2020|2020-03-28|EPI_ISL_439918|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3A4E7/2020|2020-12-08|EPI_ISL_767173|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BABA86/2020|2020-11-18|EPI_ISL_720392|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C51945/2020|2020-12-11|EPI_ISL_769649|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15545/2020|2020-10-26|EPI_ISL_787029|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-WSLH-200241/2020|2020-04-14|EPI_ISL_578461|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/SC-DHEC-0930/2020|2020-06-26|EPI_ISL_538421|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/England/LIVE-DC4399/2020|2020-11-14|EPI_ISL_703952|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0548/2020|2020-05-14|EPI_ISL_574452|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/QEUEH-C4BC36/2020|2020-12-14|EPI_ISL_757118|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13377/2020|2020-07-29|EPI_ISL_563702|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-ACTREC-234/2020|2020-07-04|EPI_ISL_699887|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-9293/2020|2020-11-16|EPI_ISL_668890|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-6FA6D4/2020|2020-06-29|EPI_ISL_557425|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW115/2020|2020-03-11|EPI_ISL_416653|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-BAA4E3/2020|2020-11-17|EPI_ISL_783085|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9E53F0/2020|2020-09-24|EPI_ISL_601083|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/MG-0289/2020|2020-04-08|EPI_ISL_470594|Original|hCoV-19^^Minas Gerais|Human|Simile|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Australia/VIC9664/2020|2020-08-12|EPI_ISL_565642|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-1D2C3F/2020|2020-08-15|EPI_ISL_611898|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3862/2020|2020-07-01|EPI_ISL_636249|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20168039704/2020|2020-04-13|EPI_ISL_528388|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04526/2020|2020-05-22|EPI_ISL_575156|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-9F34DE/2020|2020-09-24|EPI_ISL_588477|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BAE6/2020|2020-09-17|EPI_ISL_573941|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-779/2020|2020-03-19|EPI_ISL_444901|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-11457/2020|2020-09-09|EPI_ISL_790024|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BAA46B/2020|2020-11-17|EPI_ISL_783365|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E0322/2020|2020-09-20|EPI_ISL_601363|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/ChVir2012/2020|2020-00-00|EPI_ISL_729554|Original|hCoV-19^^Germany|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUEH-A61EEB/2020|2020-10-12|EPI_ISL_706942|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-DC0E32/2020|2020-11-03|EPI_ISL_702953|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW-8873/2020|2020-05-09|EPI_ISL_570224|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR388/2020|2020-03-22|EPI_ISL_439070|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12933/2020|2020-12-07|EPI_ISL_712472|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-485B86/2020|2020-10-26|EPI_ISL_628258|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1137/2020|2020-04-25|EPI_ISL_542546|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-0839/2020|2020-05-06|EPI_ISL_516706|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-C33ADD/2020|2020-12-11|EPI_ISL_734110|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1064/2020|2020-04-00|EPI_ISL_684674|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16567F/2020|2020-06-18|EPI_ISL_490711|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/1338/2020|2020-06-04|EPI_ISL_648687|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-15758/2020|2020-07-10|EPI_ISL_785442|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3571/2020|2020-06-00|EPI_ISL_691827|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-D6777/2020|2020-04-23|EPI_ISL_482209|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94C62B/2020|2020-06-14|EPI_ISL_555919|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-67ACD/2020|2020-11-01|EPI_ISL_650251|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-B110B6/2020|2020-11-03|EPI_ISL_641916|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1266CD2/2020|2020-12-10|EPI_ISL_741196|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-410514/2020|2020-11-25|EPI_ISL_737618|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-3585/2020|2020-06-15|EPI_ISL_543042|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-94467E/2020|2020-06-07|EPI_ISL_554617|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9841/2020|2020-11-09|EPI_ISL_669219|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1828/2020|2020-11-15|EPI_ISL_732050|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-13474/2020|2020-11-30|EPI_ISL_712820|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_534/2020|2020-00-00|EPI_ISL_460707|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/VA-DCLS-2005/2020|2020-10-13|EPI_ISL_644906|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/204221402/2020|2020-00-00|EPI_ISL_593796|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13706/2020|2020-11-09|EPI_ISL_739122|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/BIRM-64FA3/2020|2020-09-28|EPI_ISL_594537|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4227/2020|2020-03-31|EPI_ISL_427250|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Northern Ireland/QEUIH-9699A7/2020|2020-08-14|EPI_ISL_530980|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000944/2020|2020-09-25|EPI_ISL_632983|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC14836/2020|2020-09-20|EPI_ISL_593020|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-30BF7/2020|2020-04-10|EPI_ISL_446336|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3515812/2020|2020-10-26|EPI_ISL_740324|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-CB446D/2020|2020-12-18|EPI_ISL_761707|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200533/2020|2020-10-24|EPI_ISL_753065|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-14535/2020|2020-11-30|EPI_ISL_711823|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13380/2020|2020-08-23|EPI_ISL_788523|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-7739/2020|2020-06-30|EPI_ISL_545609|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-ABC133/2020|2020-10-22|EPI_ISL_631139|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3175/2020|2020-06-11|EPI_ISL_544050|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0451/2020|2020-03-24|EPI_ISL_495357|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-47FE59/2020|2020-10-07|EPI_ISL_612819|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-6098/2020|2020-08-00|EPI_ISL_689210|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-2099/2020|2020-07-20|EPI_ISL_653252|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-482309/2020|2020-10-21|EPI_ISL_613212|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/205190021/2020|2020-12-19|EPI_ISL_791214|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13926/2020|2020-08-16|EPI_ISL_787218|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-330255/2020|2020-10-17|EPI_ISL_614959|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-C060E0/2020|2020-12-05|EPI_ISL_709347|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A90C4/2020|2020-08-31|EPI_ISL_551251|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A31EA/2020|2020-12-14|EPI_ISL_744068|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34829/2020|2020-04-15|EPI_ISL_446981|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0544/2020|2020-07-13|EPI_ISL_498085|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-16A610/2020|2020-09-09|EPI_ISL_540916|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC14500/2020|2020-08-09|EPI_ISL_592524|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AC12B0/2020|2020-10-10|EPI_ISL_631184|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2101/2020|2020-07-20|EPI_ISL_618360|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-AEAD38/2020|2020-10-26|EPI_ISL_633273|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-173DC4/2020|2020-04-06|EPI_ISL_459102|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35A04/2020|2020-04-24|EPI_ISL_474512|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480E64/2020|2020-10-16|EPI_ISL_613009|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-809A3/2020|2020-04-09|EPI_ISL_470503|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0212/2020|2020-03-30|EPI_ISL_453926|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-QDX-2705/2020|2020-03-17|EPI_ISL_605005|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-5246E1/2020|2020-06-02|EPI_ISL_559068|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162A76/2020|2020-05-28|EPI_ISL_473156|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11045/2020|2020-11-02|EPI_ISL_670363|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA127A/2020|2020-10-22|EPI_ISL_623988|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2300/2020|2020-11-04|EPI_ISL_734258|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-110015/2020|2020-04-01|EPI_ISL_486455|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC8460/2020|2020-07-27|EPI_ISL_565030|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/QEUA-95EAB1/2020|2020-08-09|EPI_ISL_532320|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000534/2020|2020-03-18|EPI_ISL_631995|Original|hCoV-19^^New York|Human|Wyckoff Heights Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/QEUA-9437B8/2020|2020-07-28|EPI_ISL_532625|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-36/2020|2020-03-17|EPI_ISL_537568|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Scotland/QEUA-A1F67B/2020|2020-10-01|EPI_ISL_598943|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0453/2020|2020-12-00|EPI_ISL_768662|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-CED191/2020|2020-12-17|EPI_ISL_782013|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E0BC0/2020|2020-09-21|EPI_ISL_601349|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9758/2020|2020-11-09|EPI_ISL_669151|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/S8AA11/2020|2020-10-10|EPI_ISL_737055|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/QLD1011/2020|2020-03-22|EPI_ISL_530271|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/CAMC-B52A8E/2020|2020-11-09|EPI_ISL_657600|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BDCAD7/2020|2020-11-27|EPI_ISL_709704|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC9/2020|2020-04-21|EPI_ISL_435056|Original|hCoV-19^^Gujarat|Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Germany/BE-ChVir-D1932-8298/2020|2020-10-08|EPI_ISL_753874|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Northern Ireland/QEUIH-94390D/2020|2020-07-11|EPI_ISL_532578|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6987/2020|2020-06-28|EPI_ISL_546411|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48B79B/2020|2020-11-05|EPI_ISL_666281|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-105-4/2020|2020-04-21|EPI_ISL_534333|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-12675/2020|2020-08-31|EPI_ISL_790458|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-2457/2020|2020-05-16|EPI_ISL_635485|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/CA-IGI-0325/2020|2020-07-22|EPI_ISL_754866|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Wales/MILK-9A9C1B/2020|2020-09-01|EPI_ISL_551244|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-77B4F/2020|2020-04-01|EPI_ISL_439433|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200738/2020|2020-09-14|EPI_ISL_631494|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/TX-HMH-6112/2020|2020-07-06|EPI_ISL_547248|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-296DCA/2020|2020-04-28|EPI_ISL_488161|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B2438A/2020|2020-11-04|EPI_ISL_646911|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_173/2020|2020-04-14|EPI_ISL_461345|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1B9C5C/2020|2020-11-09|EPI_ISL_664967|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6179/2020|2020-04-01|EPI_ISL_570082|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-9404/2020|2020-11-16|EPI_ISL_668954|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR3053/2020|2020-04-23|EPI_ISL_461640|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1881/2020|2020-10-02|EPI_ISL_603016|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-4F5D03/2020|2020-06-24|EPI_ISL_559186|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0409563/2020|2020-04-09|EPI_ISL_734553|Original|hCoV-19^^Heppen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MA-MGH-03085/2020|2020-08-14|EPI_ISL_765703|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/MD-MDH-0334/2020|2020-10-14|EPI_ISL_648279|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Wales/QEUA-AE4BE9/2020|2020-10-27|EPI_ISL_647910|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Shenzhen/HKU-SZ-005/2020|2020-01-11|EPI_ISL_405839|Original|hCoV-19^^Guangdong|Human|The University of Hong Kong - Shenzhen Hospital|Li Ka Shing Faculty of Medicine|Chan|China

>Spike|hCoV-19/Denmark/DCGC-19494/2020|2020-12-07|EPI_ISL_748313|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B8236C/2020|2020-11-14|EPI_ISL_661678|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13725/2020|2020-11-09|EPI_ISL_739384|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-9E0A87/2020|2020-09-20|EPI_ISL_601442|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0409433/2020|2020-04-09|EPI_ISL_476942|Original|hCoV-19^^Landen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/NOTT-10ECEF/2020|2020-03-28|EPI_ISL_432913|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-SR0261/2020|2020-04-28|EPI_ISL_437551|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-AC9A83/2020|2020-10-21|EPI_ISL_630270|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15975/2020|2020-07-10|EPI_ISL_785659|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20782/2020|2020-04-22|EPI_ISL_471803|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-2203/2020|2020-08-03|EPI_ISL_700594|Original|hCoV-19^^Western Cape|Human|Oudtshoorn Hospital wc OUD|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/TX-DSHS-0099/2020|2020-05-28|EPI_ISL_522382|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-533861/2020|2020-05-18|EPI_ISL_532273|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10415/2020|2020-11-02|EPI_ISL_669955|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-110DD8/2020|2020-04-29|EPI_ISL_448419|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/India/DL-NCDC2067-CSIR-IGIB/2020|2020-05-19|EPI_ISL_482540|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/Spain/MD-IBV-99012435/2020|2020-11-28|EPI_ISL_780046|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A18A1C/2020|2020-10-03|EPI_ISL_627472|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-A51552/2020|2020-10-07|EPI_ISL_598110|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48453E/2020|2020-10-25|EPI_ISL_628014|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-BIE-087/2020|2020-04-08|EPI_ISL_436955|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Wales/MILK-9E05E0/2020|2020-09-20|EPI_ISL_601415|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6511/2020|2020-07-28|EPI_ISL_521285|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-24F63/2020|2020-03-22|EPI_ISL_420959|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-72249/2020|2020-09-14|EPI_ISL_693488|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-16F569/2020|2020-10-04|EPI_ISL_585984|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E846/2020|2020-10-05|EPI_ISL_587182|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6184906/2020|2020-11-20|EPI_ISL_744377|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUEH-C53EEA/2020|2020-12-11|EPI_ISL_736455|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1575/2020|2020-04-00|EPI_ISL_685181|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-937/2020|2020-05-05|EPI_ISL_509937|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUEH-9AE205/2020|2020-09-04|EPI_ISL_637663|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22328/2020|2020-11-08|EPI_ISL_708304|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Denmark/DCGC-19960/2020|2020-12-07|EPI_ISL_747890|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-03/2020|2020-04-05|EPI_ISL_436507|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Canada/MB-NML-581/2020|2020-03-27|EPI_ISL_582272|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/VIC4806/2020|2020-07-15|EPI_ISL_519191|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-5774/2020|2020-09-28|EPI_ISL_620961|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Uganda/UG125/2020|2020-09-01|EPI_ISL_738032|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/England/QEUEH-B2B884/2020|2020-11-02|EPI_ISL_646649|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15869/2020|2020-07-10|EPI_ISL_785553|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA3612/2020|2020-10-22|EPI_ISL_624970|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5990/2020|2020-04-17|EPI_ISL_457284|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020316085/2020|2020-08-27|EPI_ISL_732719|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Japan/PG-5739/2020|2020-08-00|EPI_ISL_688859|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-83B04/2020|2020-04-15|EPI_ISL_443364|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11165/2020|2020-09-15|EPI_ISL_625523|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MI-QDX-325/2020|2020-03-22|EPI_ISL_571069|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-28257/2020|2020-03-26|EPI_ISL_432140|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21015/2020|2020-12-21|EPI_ISL_759502|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-E9/2020|2020-04-26|EPI_ISL_593489|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah193/2020|2020-04-06|EPI_ISL_437708|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Iran/SA-Isf-20/2020|2020-04-11|EPI_ISL_591060|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/Spain/CL-IBV-97006292/2020|2020-04-21|EPI_ISL_537662|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-3051/2020|2020-04-16|EPI_ISL_543957|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUI-9F76D4/2020|2020-09-27|EPI_ISL_595694|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1041/2020|2020-04-11|EPI_ISL_542504|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-112C60/2020|2020-04-16|EPI_ISL_493603|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Singapore/193/2020|2020-04-20|EPI_ISL_462311|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/France/PAC-MEPHI-2155/2020|2020-09-25|EPI_ISL_644516|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wales/PHWC-34249/2020|2020-04-18|EPI_ISL_446890|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D41A8/2020|2020-04-06|EPI_ISL_444096|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-1331/2020|2020-04-00|EPI_ISL_684939|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC17847/2020|2020-07-27|EPI_ISL_779498|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/USA/WA-UW-24191/2020|2020-08-14|EPI_ISL_570763|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/NY-NYUMC224/2020|2020-03-18|EPI_ISL_427519|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/PORT-2F5E4E/2020|2020-10-08|EPI_ISL_613303|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-4AEE24/2020|2020-06-14|EPI_ISL_559362|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8326/2020|2020-10-26|EPI_ISL_617312|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/OCC-NRC02765/2020|2020-10-19|EPI_ISL_640002|Original|hCoV-19^^Occitanie|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Scotland/QEUI-9B76EF/2020|2020-09-08|EPI_ISL_602113|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-9F509C/2020|2020-09-27|EPI_ISL_638653|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-1726/2020|2020-04-00|EPI_ISL_685332|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/IGC4476/2020|2020-06-09|EPI_ISL_491257|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/USA/CA-ALSR-4332/2020|2020-10-07|EPI_ISL_648977|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-6740/2020|2020-08-19|EPI_ISL_582996|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-21786/2020|2020-12-21|EPI_ISL_757780|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1924/2020|2020-06-21|EPI_ISL_765908|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/England/QEUEH-95E76F/2020|2020-08-06|EPI_ISL_532377|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CDF44E/2020|2020-12-26|EPI_ISL_782319|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3281/2020|2020-07-08|EPI_ISL_520960|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-03789/2020|2020-04-03|EPI_ISL_560920|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-UW155/2020|2020-03-12|EPI_ISL_416693|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-AA12B6/2020|2020-10-22|EPI_ISL_624174|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033793415/2020|2020-03-27|EPI_ISL_578119|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/India/MP-DRDE 197/2020|2020-04-01|EPI_ISL_476846|Original|hCoV-19^^Madhya Pradesh|Human|Defence Research & Development Establishment (DRDE)|Defence Research & Development Establishment (DRDE)|Dash|India

>Spike|hCoV-19/Wales/PHWC-4997A9/2020|2020-12-03|EPI_ISL_727355|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VPRL006/2020|2020-04-01|EPI_ISL_455598|Original|hCoV-19^^South Australia|Human|SA Pathology|VPRL|Leong|Australia

>Spike|hCoV-19/Wales/PHWC-29010/2020|2020-04-03|EPI_ISL_445469|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Argentina/PAIS-A0008/2020|2020-03-30|EPI_ISL_430800|Original|hCoV-19^^Ciudad Autonoma de Buenos Aires|Human|Laboratorio de Virolog\u00eda del Hospital de Ni\u00f1os Dr. Ricardo Gutierrez|\u00c1rea de Secuenciaci\u00f3n del Laboratorio de Virolog\u00eda del Hospital de Ni\u00f1os Dr. Ricardo Gutierrez|Viegas|Argentina

>Spike|hCoV-19/Spain/AN-IBV-002912/2020|2020-03-19|EPI_ISL_474851|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-SEARCH-5360/2020|2020-12-14|EPI_ISL_755172|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MN-GMF-19243/2020|2020-09-08|EPI_ISL_547800|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/LIVE-A120B/2020|2020-05-17|EPI_ISL_499984|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14560/2020|2020-10-08|EPI_ISL_787845|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-96E7D5/2020|2020-08-17|EPI_ISL_530585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19949/2020|2020-12-07|EPI_ISL_747885|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3542/2020|2020-06-26|EPI_ISL_520291|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-EVTL1009/2020|2020-08-23|EPI_ISL_653700|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Netherlands/NB-EMC-314/2020|2020-10-06|EPI_ISL_632666|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-9E25C/2020|2020-04-03|EPI_ISL_453280|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1183/2020|2020-08-20|EPI_ISL_526669|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC10260/2020|2020-08-08|EPI_ISL_562638|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/OCC-SC488/2020|2020-03-24|EPI_ISL_660686|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-1745/2020|2020-05-12|EPI_ISL_542810|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-9987D2/2020|2020-08-24|EPI_ISL_540016|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8299/2020|2020-08-00|EPI_ISL_687398|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-78CA5/2020|2020-04-03|EPI_ISL_441220|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2287197/2020|2020-11-14|EPI_ISL_740093|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S2847/2020|2020-09-18|EPI_ISL_574689|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-300277/2020|2020-10-01|EPI_ISL_603309|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-A588F8/2020|2020-10-08|EPI_ISL_596930|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB0707/2020|2020-03-23|EPI_ISL_429038|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/CA-ALSR-5111/2020|2020-12-03|EPI_ISL_730358|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Austria/CeMM0422/2020|2020-03-27|EPI_ISL_475850|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/TX-HMH-MCoV-9178/2020|2020-07-02|EPI_ISL_780556|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW88/2020|2020-03-16|EPI_ISL_427702|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Switzerland/BS-42404943/2020|2020-08-21|EPI_ISL_581980|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Spain/CT-IBV-003150/2020|2020-03-16|EPI_ISL_510247|Original|hCoV-19^^Catalunya|Human|Hospital de la Santa Creu i Sant Pau. Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LOND-124D8DD/2020|2020-00-00|EPI_ISL_584622|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/WI-UW-101/2020|2020-03-31|EPI_ISL_425158|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-6C993F/2020|2020-07-02|EPI_ISL_556149|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9D2B/2020|2020-09-24|EPI_ISL_580185|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F9D6/2020|2020-10-06|EPI_ISL_609571|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBD65E/2020|2020-10-27|EPI_ISL_664424|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0969/2020|2020-06-29|EPI_ISL_699105|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMB-1B74ED/2020|2020-10-19|EPI_ISL_637725|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUE-B7DAF6/2020|2020-11-14|EPI_ISL_741896|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8030/2020|2020-07-07|EPI_ISL_545802|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUE-96212E/2020|2020-08-10|EPI_ISL_531737|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-77505/2020|2020-04-01|EPI_ISL_438523|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1086D8/2020|2020-09-09|EPI_ISL_585195|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-9E2E6B/2020|2020-09-21|EPI_ISL_581184|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-198/2020|2020-06-23|EPI_ISL_699852|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Canada/MB-NML-845/2020|2020-03-20|EPI_ISL_582334|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Netherlands/ZH-EMC-1183/2020|2020-12-20|EPI_ISL_763257|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B95E83/2020|2020-11-14|EPI_ISL_674987|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4911FE/2020|2020-11-17|EPI_ISL_706625|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8262/2020|2020-10-26|EPI_ISL_617307|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K003533/2020|2020-09-23|EPI_ISL_602851|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/South Africa/NHLs-UCT-GS-0015/2020|2020-08-11|EPI_ISL_640017|Original|hCoV-19^^Western Cape|Human|Oudtshoorn Hospital wc OUD|NHLs/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Netherlands/ZH-EMC-853/2020|2020-10-09|EPI_ISL_632735|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B3229B/2020|2020-11-05|EPI_ISL_659298|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16356/2020|2020-11-02|EPI_ISL_786040|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410319/2020|2020-12-16|EPI_ISL_737512|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-NIV-65282/2020|2020-06-16|EPI_ISL_479562|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-BCA6AB/2020|2020-11-23|EPI_ISL_703688|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-995ACD/2020|2020-08-25|EPI_ISL_551650|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACE3ED/2020|2020-10-21|EPI_ISL_629153|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009650/2020|2020-07-27|EPI_ISL_605325|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-2012089416/2020|2020-11-27|EPI_ISL_746955|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/TX-HMH-6287/2020|2020-07-03|EPI_ISL_547366|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B4F85D/2020|2020-08-12|EPI_ISL_649356|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDF21/2020|2020-05-08|EPI_ISL_589279|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0375/2020|2020-06-26|EPI_ISL_576554|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/MILK-A4715B/2020|2020-10-06|EPI_ISL_598334|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4074/2020|2020-07-00|EPI_ISL_692315|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-AD2F79/2020|2020-10-25|EPI_ISL_629789|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11854/2020|2020-10-26|EPI_ISL_670546|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1CC4E/2020|2020-11-02|EPI_ISL_664849|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/BRIS-122A63/2020|2020-04-03|EPI_ISL_440648|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/IL-UW-350/2020|2020-04-18|EPI_ISL_450704|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC4222/2020|2020-07-18|EPI_ISL_519550|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-C32573/2020|2020-12-11|EPI_ISL_782636|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1065/2020|2020-08-17|EPI_ISL_583900|original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/USA/WI-WSLH-200215/2020|2020-03-28|EPI_ISL_578436|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/20166068404/2020|2020-04-15|EPI_ISL_466572|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C17B/2020|2020-12-07|EPI_ISL_742516|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-975261/2020|2020-08-21|EPI_ISL_552462|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/BI-167039/2020|2020-09-02|EPI_ISL_746507|Original|hCoV-19^^Biobio|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Spain/VC-FISABIO-131/2020|2020-03-17|EPI_ISL_436226|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/LEED-2AA40A/2020|2020-04-09|EPI_ISL_538796|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-2770/2020|2020-03-00|EPI_ISL_548158|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/United Arab Emirates/0148/2020|2020-05-18|EPI_ISL_698335|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMB-1B6958/2020|2020-10-07|EPI_ISL_584318|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14786/2020|2020-10-13|EPI_ISL_786271|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-QDX-2561/2020|2020-03-16|EPI_ISL_604772|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7268/2020|2020-11-00|EPI_ISL_740649|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-10069/2020|2020-07-06|EPI_ISL_789312|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/SE-6535/2020|2020-03-12|EPI_ISL_541375|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/EXET-136264/2020|2020-04-13|EPI_ISL_457213|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/20189167501/2020|2020-05-01|EPI_ISL_465571|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20568/2020|2020-12-21|EPI_ISL_759223|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B41484/2020|2020-11-08|EPI_ISL_658510|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S250/2020|2020-03-03|EPI_ISL_430288|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/WA-S539/2020|2020-03-23|EPI_ISL_434299|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/NOTT-10F6D1/2020|2020-04-03|EPI_ISL_433038|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9B85D2/2020|2020-09-10|EPI_ISL_568271|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-S17/2020|2020-04-19|EPI_ISL_455647|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/MI-MDHHS-SC21806/2020|2020-07-07|EPI_ISL_565849|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Sichuan/SC-PHCC1-032/2020|2020-01-27|EPI_ISL_451353|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Denmark/DCGC-4389/2020|2020-09-14|EPI_ISL_615387|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A2C80/2020|2020-12-14|EPI_ISL_744000|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49CFEA/2020|2020-12-09|EPI_ISL_742718|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493EC8/2020|2020-11-10|EPI_ISL_726036|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B87AEA/2020|2020-11-13|EPI_ISL_724830|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9C304C/2020|2020-09-07|EPI_ISL_566919|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4360/2020|2020-09-07|EPI_ISL_615562|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR5012/2020|2020-10-10|EPI_ISL_594751|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/IC-0316/2020|2020-11-00|EPI_ISL_667745|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-NIV-4367/2020|2020-03-22|EPI_ISL_452203|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-A93D10/2020|2020-10-19|EPI_ISL_611076|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1903/2020|2020-05-29|EPI_ISL_496329|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-6BAB59/2020|2020-06-29|EPI_ISL_557835|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B77D99/2020|2020-11-12|EPI_ISL_668138|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03099/2020|2020-05-04|EPI_ISL_575249|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9E5A37/2020|2020-09-24|EPI_ISL_589434|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1353/2020|2020-04-21|EPI_ISL_542666|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CT-UW-6361/2020|2020-04-01|EPI_ISL_570104|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B96884/2020|2020-11-14|EPI_ISL_676116|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20103/2020|2020-11-07|EPI_ISL_723280|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Belgium/ULG-10825/2020|2020-11-13|EPI_ISL_661246|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-BEE2BC/2020|2020-11-30|EPI_ISL_708862|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC_AC8/2020|2020-04-08|EPI_ISL_444511|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/NORT-28407B/2020|2020-04-01|EPI_ISL_472262|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-138/2020|2020-03-18|EPI_ISL_436233|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Chile/BI-194034/2020|2020-09-30|EPI_ISL_746512|Original|hCoV-19^^Biobio|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Australia/VIC7237/2020|2020-07-23|EPI_ISL_564304|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-NIV-72638/2020|2020-06-20|EPI_ISL_541736|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/Australia/VIC3330/2020|2020-07-09|EPI_ISL_521009|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-5306/2020|2020-08-00|EPI_ISL_690409|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B7783E/2020|2020-11-12|EPI_ISL_668265|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7AA30/2020|2020-04-08|EPI_ISL_433829|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WA-S1648/2020|2020-05-26|EPI_ISL_496074|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/UN-CDC-7467/2020|2020-04-21|EPI_ISL_514072|Original|hCoV-19^^USA|Human|Navy and Marine Corps Public Health Center|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Japan/PG-2495/2020|2020-04-00|EPI_ISL_686100|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-2ED32/2020|2020-04-07|EPI_ISL_446145|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AC844A/2020|2020-10-21|EPI_ISL_629299|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII5634S/2020|2020-04-14|EPI_ISL_430093|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/ME-HETL-J0024/2020|2020-03-15|EPI_ISL_513436|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/UT-UPHL-2012274873/2020|2020-08-08|EPI_ISL_745810|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B7C936/2020|2020-11-14|EPI_ISL_741801|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-A8170/2020|2020-03-26|EPI_ISL_517122|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7493/2020|2020-10-12|EPI_ISL_618917|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1A396/2020|2020-11-01|EPI_ISL_646093|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15323/2020|2020-11-23|EPI_ISL_713305|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/TN-CCMB-C9/2020|2020-04-29|EPI_ISL_458038|Original|hCoV-19^^Tamil Nadu|Human|King Institute of Preventive Medicine & Research|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/QEUEH-A63DBF/2020|2020-10-12|EPI_ISL_628673|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00740/2020|2020-09-21|EPI_ISL_682042|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Wales/PHWC-48E349/2020|2020-11-11|EPI_ISL_680844|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C00F/2020|2020-12-10|EPI_ISL_731596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F24C/2020|2020-11-02|EPI_ISL_642587|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6BBB/2020|2020-09-24|EPI_ISL_580544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6688E/2020|2020-10-12|EPI_ISL_630440|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA10A/2020|2020-11-18|EPI_ISL_783194|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B46267/2020|2020-11-07|EPI_ISL_656282|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16960/2020|2020-12-14|EPI_ISL_750215|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/GCVR-170C42/2020|2020-03-25|EPI_ISL_459581|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B25EA6/2020|2020-11-04|EPI_ISL_646676|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1750/2020|2020-04-10|EPI_ISL_590755|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/CAMB-1B2673/2020|2020-05-19|EPI_ISL_456702|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AAB4E3/2020|2020-10-21|EPI_ISL_652796|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16086F/2020|2020-05-20|EPI_ISL_472986|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-945C6C/2020|2020-07-16|EPI_ISL_556668|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99227D/2020|2020-08-27|EPI_ISL_540664|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000934/2020|2020-03-31|EPI_ISL_484762|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-7385/2020|2020-06-29|EPI_ISL_546724|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-H12-90/2020|2020-04-14|EPI_ISL_530017|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/Denmark/DCGC-939/2020|2020-03-09|EPI_ISL_614696|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2376/2020|2020-05-31|EPI_ISL_514779|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/ZH-EMC-311/2020|2020-06-06|EPI_ISL_523653|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-DC8E0D/2020|2020-11-19|EPI_ISL_705054|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2354D7/2020|2020-11-14|EPI_ISL_764437|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34FCA/2020|2020-04-25|EPI_ISL_474429|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-502F48/2020|2020-06-25|EPI_ISL_559153|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94B774/2020|2020-06-13|EPI_ISL_555785|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C9847/2020|2020-06-11|EPI_ISL_484482|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/IA-UW-2458/2020|2020-12-22|EPI_ISL_759733|Original|hCoV-19^^Iowa|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/MILK-B8D4AA/2020|2020-11-13|EPI_ISL_673902|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-704CF2/2020|2020-06-30|EPI_ISL_557669|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17906/2020|2020-08-24|EPI_ISL_779549|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/NORT-2A4D05/2020|2020-09-17|EPI_ISL_573402|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-9AA99B/2020|2020-08-31|EPI_ISL_550827|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18728/2020|2020-12-07|EPI_ISL_750148|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-488AD1/2020|2020-11-02|EPI_ISL_639463|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1656/2020|2020-04-01|EPI_ISL_560743|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Sweden/20-53609/2020|2020-11-24|EPI_ISL_732654|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMC-B36868/2020|2020-11-05|EPI_ISL_645351|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B98F14/2020|2020-11-15|EPI_ISL_673422|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7DD8F/2020|2020-04-07|EPI_ISL_442175|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B76E00/2020|2020-11-12|EPI_ISL_723816|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B7C383/2020|2020-11-13|EPI_ISL_668244|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-382/2020|2020-03-24|EPI_ISL_571124|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-AA0F83/2020|2020-10-22|EPI_ISL_624237|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0193/2020|2020-06-00|EPI_ISL_667622|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-C44DEF/2020|2020-12-10|EPI_ISL_718600|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1060/2020|2020-05-14|EPI_ISL_462905|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MN-MDH-2038/2020|2020-11-03|EPI_ISL_654719|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/MILK-9C4834/2020|2020-09-07|EPI_ISL_549468|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-54590F/2020|2020-05-14|EPI_ISL_533368|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB3932/2020|2020-12-18|EPI_ISL_760906|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A95F27/2020|2020-10-19|EPI_ISL_624880|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DCB4/2020|2020-10-05|EPI_ISL_586696|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1315/2020|2020-04-14|EPI_ISL_542647|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B3873C/2020|2020-11-01|EPI_ISL_658797|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96F72F/2020|2020-08-17|EPI_ISL_530460|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-775BA/2020|2020-03-31|EPI_ISL_438528|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-SCCPHD-UC168/2020|2020-03-13|EPI_ISL_435647|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-21031/2020|2020-12-23|EPI_ISL_791046|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/UT-03026/2020|2020-05-01|EPI_ISL_522298|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Russia/MUR-RII-MH2079S/2020|2020-09-25|EPI_ISL_602408|Original|hCoV-19^^Murmansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-B5BEC5/2020|2020-11-09|EPI_ISL_655718|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A7F4/2020|2020-11-01|EPI_ISL_647705|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012562796/2020|2020-07-18|EPI_ISL_745783|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-95FBF9/2020|2020-08-03|EPI_ISL_532369|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH-169/2020|2020-04-14|EPI_ISL_452039|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/South Africa/KRISP-K000618/2020|2020-07-03|EPI_ISL_509270|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-A2F881/2020|2020-10-06|EPI_ISL_586999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/GES-8804/2020|2020-04-16|EPI_ISL_560631|Original|hCoV-19^^Grand-Est|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Norway/6734/2020|2020-12-06|EPI_ISL_775408|Original|hCoV-19^^Vestland|Human|Haukeland University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/UT-UPHL-2012590975/2020|2020-08-17|EPI_ISL_746285|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-QDX-1629/2020|2020-03-18|EPI_ISL_603908|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001378/2020|2020-11-17|EPI_ISL_683988|Original|hCoV-19^^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-ACBE3A/2020|2020-10-21|EPI_ISL_629356|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D009E/2020|2020-05-01|EPI_ISL_475251|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A333F/2020|2020-12-14|EPI_ISL_744089|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12F8B7/2020|2020-03-27|EPI_ISL_488195|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AC1292/2020|2020-10-10|EPI_ISL_631165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1367/2020|2020-03-30|EPI_ISL_622224|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-492EE7/2020|2020-11-28|EPI_ISL_725805|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0816/2020|2020-04-00|EPI_ISL_684426|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-99012334/2020|2020-11-20|EPI_ISL_779987|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Sweden/20-08130/2020|2020-03-10|EPI_ISL_469073|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Portugal/PT1205/2020|2020-03-30|EPI_ISL_511748|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/DC-HP00026/2020|2020-03-14|EPI_ISL_438223|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/USA/VA-DCLS-0297/2020|2020-04-30|EPI_ISL_463100|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-S915/2020|2020-04-27|EPI_ISL_463405|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/210100365/2021|2021-01-04|EPI_ISL_791248|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-17970/2020|2020-11-16|EPI_ISL_786118|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DB9DE4/2020|2020-11-05|EPI_ISL_664621|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-4075/2020|2020-08-05|EPI_ISL_548667|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-ABC0FA/2020|2020-10-22|EPI_ISL_631238|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-ALDDD2/2020|2020-09-29|EPI_ISL_587424|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7595/2020|2020-07-00|EPI_ISL_686697|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B8983/2020|2020-10-30|EPI_ISL_651002|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BRIS-1257C3/2020|2020-03-29|EPI_ISL_443970|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-A7645/2020|2020-03-28|EPI_ISL_517050|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC306a/2020|2020-06-15|EPI_ISL_495056|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/ALDP-8D4173/2020|2020-06-24|EPI_ISL_557010|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9D1C92/2020|2020-09-14|EPI_ISL_573685|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20199/2020|2020-03-19|EPI_ISL_447170|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-9637A3/2020|2020-08-10|EPI_ISL_531729|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-420569/2020|2020-12-22|EPI_ISL_768066|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Italy/LOM-IZSGC-TE38845/2020|2020-05-10|EPI_ISL_528949|Original|hCoV-19^^Lombardy|Human|Agenzia di Tutela della Salute di Bergamo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/USA/VA-DCLS-0791/2020|2020-07-07|EPI_ISL_526896|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/France/BRE-BR9061/2020|2020-08-31|EPI_ISL_613550|Original|hCoV-19^^Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie\n2|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/MN-MDH-1331/2020|2020-06-03|EPI_ISL_496917|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/India/DL-5504375-CSIR-IGIB/2020|2020-08-06|EPI_ISL_636787|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/USA/ME-HETL-J0184/2020|2020-09-16|EPI_ISL_755362|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Scotland/CVR4375/2020|2020-09-16|EPI_ISL_572639|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499D7A/2020|2020-11-24|EPI_ISL_727440|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B6B994/2020|2020-11-11|EPI_ISL_655208|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-10191127/2020|2020-10-19|EPI_ISL_735158|Original|hCoV-19^^Puurs|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-9763F4/2020|2020-08-20|EPI_ISL_575877|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5377/2020|2020-08-00|EPI_ISL_690480|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC738/2020|2020-03-30|EPI_ISL_427017|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3401/2020|2020-07-11|EPI_ISL_521080|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19084/2020|2020-11-25|EPI_ISL_783616|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/MOS-RII-MH2807S/2020|2020-09-27|EPI_ISL_639956|Original|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/WA-S1053/2020|2020-05-01|EPI_ISL_463543|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/NY-Wadsworth-12767-01/2020|2020-03-10|EPI_ISL_525594|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/CAMC-A41EF0/2020|2020-10-05|EPI_ISL_609337|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A1DC02/2020|2020-09-29|EPI_ISL_587387|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012618844/2020|2020-11-23|EPI_ISL_746974|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/MILK-A45FBD/2020|2020-10-06|EPI_ISL_598610|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0087/2020|2020-03-20|EPI_ISL_569302|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Gambia/3676/2020|2020-07-30|EPI_ISL_560996|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Pakistan/JRCGR-KHI20/2020|2020-07-02|EPI_ISL_779276|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/England/MILK-9937D7/2020|2020-08-27|EPI_ISL_551941|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F30C/2020|2020-11-08|EPI_ISL_681075|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0078/2020|2020-04-29|EPI_ISL_445021|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BIRM-67F55/2020|2020-11-05|EPI_ISL_650218|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-A8C8BF/2020|2020-10-16|EPI_ISL_643159|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-1245/2020|2020-03-11|EPI_ISL_444824|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/LIVE-DB9DB7/2020|2020-11-06|EPI_ISL_664634|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-9DC24A/2020|2020-09-21|EPI_ISL_601246|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1251/2020|2020-00-00|EPI_ISL_684861|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-3219/2020|2020-04-00|EPI_ISL_691337|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/ALDP-AA24BF/2020|2020-10-22|EPI_ISL_634785|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22459/2020|2020-11-02|EPI_ISL_708557|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Spain/RI-IBV-98002314/2020|2020-03-11|EPI_ISL_537835|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-A9FA1D/2020|2020-10-20|EPI_ISL_665987|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Portugal/PT1996/2020|2020-11-14|EPI_ISL_732217|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de

Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19/Scotland/CVR5768/2020|2020-11-12|EPI_ISL_705638|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/SHEF-10D0EDF/2020|2020-12-03|EPI_ISL_727941|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/BRIS-12A1EE/2020|2020-04-16|EPI_ISL_458509|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-985/2020|2020-07-19|EPI_ISL_509981|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Netherlands/ZH-EMC-1002/2020|2020-10-14|EPI_ISL_722503|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/ALDP-BB4FB8/2020|2020-11-20|EPI_ISL_701926|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S2868/2020|2020-09-21|EPI_ISL_596399|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/CAMC-B98D47/2020|2020-11-15|EPI_ISL_673684|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A939A3/2020|2020-10-20|EPI_ISL_611057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Turkey/IST-GLAB-341/2020|2020-06-24|EPI_ISL_735356|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey
>Spike|hCoV-19/England/OXON-AE796/2020|2020-00-00|EPI_ISL_448718|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Brazil/SP-L38-CD1011/2020|2020-05-10|EPI_ISL_722006|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil
>Spike|hCoV-19/USA/WI-UW-1982/2020|2020-09-29|EPI_ISL_677390|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/LIVE-9FCF3/2020|2020-06-02|EPI_ISL_472058|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Australia/VIC549/2020|2020-03-23|EPI_ISL_426812|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-10679/2020|2020-11-02|EPI_ISL_670131|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/France/PAC-SC451/2020|2020-04-02|EPI_ISL_644713|Original|hCoV-19^^Provence-Alpes-Cote d'Azur|Human|Unit\u00e9 des Virus \u00c9mergents|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spike|hCoV-19/Chile/MA-UMAG-Catg-7/2020|2020-09-03|EPI_ISL_625675|Original|hCoV-19^^Magallanes|Human|Laboratory of Molecular Medicine|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

>Spike|hCoV-19/USA/WA_0429/2020|2020-03-19|EPI_ISL_426440|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUEH-B2DEDB/2020|2020-11-04|EPI_ISL_659962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6215/2020|2020-05-15|EPI_ISL_527676|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUEH-96F121/2020|2020-08-17|EPI_ISL_530526|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2534/2020|2020-05-08|EPI_ISL_513903|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Switzerland/BS-ETHZ-380231/2020|2020-11-21|EPI_ISL_721801|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/594/2020|2020-03-27|EPI_ISL_483617|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-B3FAE1/2020|2020-11-08|EPI_ISL_658531|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25551/2020|2020-03-23|EPI_ISL_421004|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8620/2020|2020-07-01|EPI_ISL_780548|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-488A68/2020|2020-11-02|EPI_ISL_639457|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036346883/2020|2020-10-08|EPI_ISL_610056|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/NM-DOH-2020642451/2020|2020-12-27|EPI_ISL_767069|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/CAMC-C45F9D/2020|2020-12-10|EPI_ISL_718424|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004198/2020|2020-04-03|EPI_ISL_510483|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-3901/2020|2020-09-07|EPI_ISL_615621|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3854/2020|2020-07-00|EPI_ISL_692105|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B62F9B/2020|2020-11-08|EPI_ISL_655364|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2253/2020|2020-03-22|EPI_ISL_500692|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/ALDP-B4864B/2020|2020-11-06|EPI_ISL_649443|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1008/2020|2020-03-31|EPI_ISL_430473|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4964D2/2020|2020-11-27|EPI_ISL_726590|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DACC6/2020|2020-09-22|EPI_ISL_601124|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-902/2020|2020-07-12|EPI_ISL_509903|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-350205/2020|2020-10-30|EPI_ISL_693853|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MA-MGH-03253/2020|2020-10-16|EPI_ISL_765760|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/BRIS-126926/2020|2020-04-07|EPI_ISL_459032|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S2018/2020|2020-12-17|EPI_ISL_755804|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Japan/PG-0644/2020|2020-04-00|EPI_ISL_684254|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-481F06/2020|2020-10-15|EPI_ISL_613184|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B47284/2020|2020-11-07|EPI_ISL_656289|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A927F5/2020|2020-10-19|EPI_ISL_611068|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B052DD/2020|2020-10-24|EPI_ISL_650374|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20196219804/2020|2020-05-05|EPI_ISL_465632|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20453/2020|2020-12-21|EPI_ISL_759160|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7162/2020|2020-09-00|EPI_ISL_688267|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WY-WPHL-20150064/2020|2020-11-24|EPI_ISL_770064|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Spain/AN-IBV-002915/2020|2020-03-19|EPI_ISL_474870|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/BC_20425011/2020|2020-03-00|EPI_ISL_462773|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/SHEF-C9962/2020|2020-05-24|EPI_ISL_475423|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Singapore/18/2020|2020-03-01|EPI_ISL_418999|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Belgium/ULG-10197/2020|2020-05-27|EPI_ISL_471432|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WA-S2638/2020|2020-06-20|EPI_ISL_497270|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Germany/BW-UKT-a031/2020|2020-03-16|EPI_ISL_723085|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/USA/TX-HMH-MCoV-16003/2020|2020-07-09|EPI_ISL_785687|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB2106/2020|2020-04-20|EPI_ISL_439155|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC10254/2020|2020-08-14|EPI_ISL_562845|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49785D/2020|2020-11-22|EPI_ISL_726891|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B12A/2020|2020-04-07|EPI_ISL_432174|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00627/2020|2020-03-28|EPI_ISL_460129|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/AZ-QDX-2118/2020|2020-03-18|EPI_ISL_604387|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/South Africa/R10197/2020|2020-05-22|EPI_ISL_490262|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/NORT-1B71093/2020|2020-11-15|EPI_ISL_706301|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3641/2020|2020-06-12|EPI_ISL_543089|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19554/2020|2020-11-30|EPI_ISL_783926|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6F82B/2020|2020-10-14|EPI_ISL_607137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1100/2020|2020-04-25|EPI_ISL_542530|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-52480/2020|2020-08-03|EPI_ISL_539886|Original|hCoV-19^^Halland|Human|Barnakuten|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/WI-UW-613/2020|2020-06-22|EPI_ISL_484988|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-A05D46/2020|2020-09-30|EPI_ISL_600076|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29F71E/2020|2020-04-29|EPI_ISL_488051|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C984E/2020|2020-09-10|EPI_ISL_567407|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/CAM-INMI-32798-45/2020|2020-03-28|EPI_ISL_493332|Vero|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/England/ALDP-952CF3/2020|2020-06-11|EPI_ISL_554039|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0606/2020|2020-05-15|EPI_ISL_698198|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/PG-1700/2020|2020-04-00|EPI_ISL_685306|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1342/2020|2020-03-26|EPI_ISL_496928|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/20146018404/2020|2020-04-02|EPI_ISL_423581|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-A91D9/2020|2020-03-25|EPI_ISL_517274|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW-27010/2020|2020-08-28|EPI_ISL_776692|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-BAABA2/2020|2020-11-18|EPI_ISL_681612|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OH-ODH-SC35345 /2020|2020-04-24|EPI_ISL_780424|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/England/QEUA-9F34B0/2020|2020-09-24|EPI_ISL_588483|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28B2D8/2020|2020-04-18|EPI_ISL_472269|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-ACDAF8/2020|2020-10-21|EPI_ISL_630340|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99CF5E/2020|2020-08-30|EPI_ISL_549810|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B80A96/2020|2020-11-14|EPI_ISL_661748|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2F1BD/2020|2020-04-06|EPI_ISL_446213|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Indonesia/JI-ITDua-6033NTv/2020|2020-04-30|EPI_ISL_759964|Vero P1|hCoV-19^^East Java|Human|Mitra Keluarga Hospital Waru|Institute of Tropical Disease|Lusida|Indonesia

>Spike|hCoV-19/Wales/MILK-B0639D/2020|2020-10-24|EPI_ISL_647820|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB1D8/2020|2020-09-16|EPI_ISL_575747|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-004931/2020|2020-04-07|EPI_ISL_481072|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-1690/2020|2020-09-11|EPI_ISL_605563|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/LIVE-9FF27/2020|2020-06-01|EPI_ISL_472072|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B0C625/2020|2020-10-30|EPI_ISL_643525|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0114/2020|2020-06-11|EPI_ISL_522943|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/UT-UPHL-201116188/2020|2020-04-11|EPI_ISL_628962|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20217/2020|2020-12-04|EPI_ISL_723370|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-B897B4/2020|2020-11-13|EPI_ISL_675753|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-135BE2/2020|2020-04-04|EPI_ISL_457145|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-283/2020|2020-07-11|EPI_ISL_699935|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Oman/205038041/2020|2020-05-21|EPI_ISL_491992|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of\u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/USA/MI-MDHHS-SC21606/2020|2020-03-28|EPI_ISL_516333|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-8054/2020|2020-10-26|EPI_ISL_617180|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-pl654/2020|2020-03-17|EPI_ISL_775639|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Indonesia/JB-TFRIC19-R42550/2020|2020-07-11|EPI_ISL_511878|Original|hCoV-19^^West Java|Human|Santosa Hospital Bandung Kopo|Laboratorium Kesehatan Provinsi Jawa Barat; Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung|Tan|Indonesia

>Spike|hCoV-19/Denmark/DCGC-2061/2020|2020-07-13|EPI_ISL_618303|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002402/2020|2020-07-30|EPI_ISL_515766|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/204581975/2020|2020-11-05|EPI_ISL_686548|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7347/2020|2020-08-00|EPI_ISL_687614|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-1118F4/2020|2020-05-28|EPI_ISL_461939|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/EXET-138EF5/2020|2020-00-00|EPI_ISL_665047|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/NOTT-10E748/2020|2020-03-24|EPI_ISL_425587|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5E6E/2020|2020-09-10|EPI_ISL_567541|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09312/2020|2020-03-21|EPI_ISL_450004|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Portugal/IGC00010/2020|2020-03-18|EPI_ISL_419387|Original|hCoV-19^^Lisbon|Human|Hospital Prof. Doutor Fernando Fonseca|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/Spain/MD-IBV-99012418/2020|2020-11-17|EPI_ISL_780067|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/20139042904/2020|2020-03-28|EPI_ISL_420677|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0386/2020|2020-07-01|EPI_ISL_487329|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS) |KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MA-MGH-00263/2020|2020-04-06|EPI_ISL_460332|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Spain/CT-IBV-97007981/2020|2020-10-05|EPI_ISL_654528|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Belgium/LPDC-0323115/2020|2020-03-23|EPI_ISL_420372|Original|hCoV-19^^Vorst|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/ALAB-SSI-651/2020|2020-03-28|EPI_ISL_437022|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/CAMC-B088AB/2020|2020-10-29|EPI_ISL_643678|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410240/2020|2020-11-27|EPI_ISL_737728|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-6081/2020|2020-07-00|EPI_ISL_689193|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14560/2020|2020-11-30|EPI_ISL_711840|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C206B/2020|2020-09-10|EPI_ISL_566540|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A76C/2020|2020-10-15|EPI_ISL_606390|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200463/2020|2020-10-12|EPI_ISL_753006|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Scotland/CVR3561/2020|2020-05-16|EPI_ISL_473696|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2964/2020|2020-06-08|EPI_ISL_543898|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-H12-80/2020|2020-04-16|EPI_ISL_530009|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/NORT-1B72548/2020|2020-11-28|EPI_ISL_724886|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LIVE-A1C94/2020|2020-06-18|EPI_ISL_584616|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487D06/2020|2020-10-27|EPI_ISL_639298|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_38/2020|2020-04-30|EPI_ISL_460938|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-1706/2020|2020-06-17|EPI_ISL_708620|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LOND-12512F6/2020|2020-11-12|EPI_ISL_665843|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/QEUEH-B65F7A/2020|2020-11-08|EPI_ISL_655727|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/040/2020|2020-03-17|EPI_ISL_486423|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Australia/VIC806/2020|2020-03-23|EPI_ISL_427080|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6208/2020|2020-08-00|EPI_ISL_689320|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/ALAB-HH-125/2020|2020-03-11|EPI_ISL_452006|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/CAMC-BD4626/2020|2020-11-27|EPI_ISL_702058|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2439/2020|2020-03-27|EPI_ISL_468849|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Japan/PG-7644/2020|2020-08-00|EPI_ISL_686746|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-C5BFFE/2020|2020-12-14|EPI_ISL_769310|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163C51/2020|2020-04-30|EPI_ISL_474061|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14285/2020|2020-10-04|EPI_ISL_787570|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22247/2020|2020-10-30|EPI_ISL_666913|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/LOND-124D239/2020|2020-03-25|EPI_ISL_507070|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Scotland/CVR4276/2020|2020-09-09|EPI_ISL_559949|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21151/2020|2020-03-30|EPI_ISL_507927|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/AZ-QDX-2165/2020|2020-03-18|EPI_ISL_604392|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC166/2020|2020-03-18|EPI_ISL_419863|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-2094/2020|2020-05-22|EPI_ISL_635345|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-CB6FB5/2020|2020-12-19|EPI_ISL_778100|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2402/2020|2020-11-16|EPI_ISL_734173|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Chile/RM-153360/2020|2020-08-17|EPI_ISL_746651|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Pública de Chile|Tognarelli|Chile

>Spike|hCoV-19/New Zealand/20CV0662/2020|2020-12-11|EPI_ISL_732964|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/EXET-139CFA/2020|2020-00-00|EPI_ISL_679336|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B340EA/2020|2020-11-05|EPI_ISL_659449|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480D0D/2020|2020-10-22|EPI_ISL_612994|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20188018004/2020|2020-04-30|EPI_ISL_465494|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC12928/2020|2020-07-27|EPI_ISL_592111|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-WCMP4G04P/2020|2020-03-13|EPI_ISL_427538|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/South Korea/KCDC2240/2020|2020-05-09|EPI_ISL_510578|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-B1A4A2/2020|2020-10-31|EPI_ISL_647787|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA46C6/2020|2020-10-21|EPI_ISL_624208|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B81716/2020|2020-11-14|EPI_ISL_667912|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AD490/2020|2020-00-00|EPI_ISL_448581|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC606/2020|2020-03-27|EPI_ISL_426861|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-96C528/2020|2020-08-13|EPI_ISL_530907|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A068BD/2020|2020-10-01|EPI_ISL_599883|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FDC2/2020|2020-10-14|EPI_ISL_607028|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6834/2020|2020-08-00|EPI_ISL_687942|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B38BB8/2020|2020-11-01|EPI_ISL_659046|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1581/2020|2020-03-21|EPI_ISL_468511|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/MILK-BB1416/2020|2020-11-18|EPI_ISL_720279|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5149/2020|2020-10-18|EPI_ISL_730388|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMC-9D2068/2020|2020-09-19|EPI_ISL_601730|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hangzhou/HZCDC7363/2020|2020-03-25|EPI_ISL_482585|Original|hCoV-19^^Zhejiang|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China

>Spike|hCoV-19/Wales/PHWC-48E0AC/2020|2020-11-09|EPI_ISL_680803|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CT-QDX-765/2020|2020-03-18|EPI_ISL_571514|Original|hCoV-19^^Connecticut|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/DRC/11260/2020|2020-05-23|EPI_ISL_527558|Original|hCoV-19^^Kongo Central|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Scotland/CVR2847/2020|2020-04-21|EPI_ISL_473592|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4864D5/2020|2020-10-14|EPI_ISL_637546|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036652302/2020|2020-10-27|EPI_ISL_650065|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MI-UM-10036515004/2020|2020-10-19|EPI_ISL_640194|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/GSTT-5700/2020|2020-03-22|EPI_ISL_560704|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-C6B77B/2020|2020-12-14|EPI_ISL_778357|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A93A/2020|2020-11-01|EPI_ISL_647630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4686/2020|2020-09-14|EPI_ISL_621918|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B755FD/2020|2020-11-12|EPI_ISL_662202|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49010E/2020|2020-11-14|EPI_ISL_706446|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1722/2020|2020-10-01|EPI_ISL_613790|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-14357/2020|2020-11-30|EPI_ISL_711716|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Oman/205036179/2020|2020-05-16|EPI_ISL_491976|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of Microbiology and Immunology-SQUH|ALZadjali|Oman

>Spike|hCoV-19/England/QEUEH-96F279/2020|2020-08-17|EPI_ISL_530555|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0949/2020|2020-03-28|EPI_ISL_583801|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-B465AA/2020|2020-11-07|EPI_ISL_656278|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D9C6D/2020|2020-09-18|EPI_ISL_576807|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-C288A/2020|2020-05-09|EPI_ISL_479204|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LOND-D659B/2020|2020-04-22|EPI_ISL_487595|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BABA3B/2020|2020-11-18|EPI_ISL_720397|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1716/2020|2020-08-24|EPI_ISL_693643|Original|hCoV-19^^Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Chile/RM-109521/2020|2020-06-24|EPI_ISL_746555|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/ALDP-A66BC1/2020|2020-10-12|EPI_ISL_630609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6268/2020|2020-08-00|EPI_ISL_689379|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12BEF5/2020|2020-05-09|EPI_ISL_469443|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-5186/2020|2020-03-18|EPI_ISL_560657|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics

Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics
Innovation Unit|Awan|United Kingdom
>Spike|hCoV-19/Australia/VIC11019/2020|2020-07-31|EPI_ISL_563202|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-9BDCAB/2020|2020-09-09|EPI_ISL_568090|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-AA2D3C/2020|2020-10-22|EPI_ISL_625250|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC12405/2020|2020-07-29|EPI_ISL_640622|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUEH-AD3E8A/2020|2020-10-26|EPI_ISL_629766|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20124095604/2020|2020-03-18|EPI_ISL_465790|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A4E4C/2020|2020-12-09|EPI_ISL_763782|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-B5C1F8/2020|2020-11-09|EPI_ISL_655871|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR5600/2020|2020-11-02|EPI_ISL_651860|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-9700/2020|2020-07-07|EPI_ISL_780230|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUEH-9F4974/2020|2020-09-25|EPI_ISL_588297|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2064/2020|2020-02-06|EPI_ISL_497965|Vero E6 P1|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/USA/TX-HMH-2135/2020|2020-05-22|EPI_ISL_545138|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-4913CB/2020|2020-11-17|EPI_ISL_706648|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMC-B3228C/2020|2020-11-05|EPI_ISL_659410|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/325/2020|2020-03-25|EPI_ISL_462089|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore
>Spike|hCoV-19/Wales/PHWC-49DE19/2020|2020-12-04|EPI_ISL_742916|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/India/MH-ACTREC-502/2020|2020-08-15|EPI_ISL_700150|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/England/ALDP-952A35/2020|2020-06-12|EPI_ISL_554075|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/India/TG-CCMB-OM17/2020|2020-05-17|EPI_ISL_495283|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-9EAB3F/2020|2020-09-24|EPI_ISL_580155|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F1E5/2020|2020-11-02|EPI_ISL_642493|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1102/2020|2020-07-26|EPI_ISL_516527|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NOTT-11417E/2020|2020-10-04|EPI_ISL_577144|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB0701/2020|2020-03-23|EPI_ISL_429040|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Gambia/GC192812/2020|2020-07-22|EPI_ISL_561148|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/QEUEH-76BE6C/2020|2020-07-16|EPI_ISL_533115|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B20290/2020|2020-11-02|EPI_ISL_647625|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496742/2020|2020-11-20|EPI_ISL_726629|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5DB71/2020|2020-11-09|EPI_ISL_723564|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12766/2020|2020-11-09|EPI_ISL_682947|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BD146B/2020|2020-11-29|EPI_ISL_702147|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D0C7/2020|2020-05-08|EPI_ISL_472666|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB7824/2020|2020-09-21|EPI_ISL_572803|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-936FDE/2020|2020-06-21|EPI_ISL_551426|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15899/2020|2020-07-10|EPI_ISL_785583|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/HI-H200019/2020|2020-04-20|EPI_ISL_752613|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Singapore/1262/2020|2020-05-04|EPI_ISL_648746|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/LA-CDC-1267/2020|2020-06-11|EPI_ISL_535308|Vero P1|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/NY-PV08420/2020|2020-03-19|EPI_ISL_421382|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Denmark/DCGC-19289/2020|2020-12-07|EPI_ISL_748329|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5657/2020|2020-09-28|EPI_ISL_619944|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wuhan/0125-A191/2020|2020-01-25|EPI_ISL_493165|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/USA/WA-UW-12171/2020|2020-06-26|EPI_ISL_570500|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-94C649/2020|2020-06-15|EPI_ISL_555865|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnrj18/2020|2020-11-00|EPI_ISL_770538|Original|hCoV-19^^Jonavos apskritis|Human|Private lab|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Israel/CVL-n26166/2020|2020-07-20|EPI_ISL_514293|Original|hCoV-19^^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Denmark/DCGC-11200/2020|2020-11-02|EPI_ISL_670452|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A9BFB8/2020|2020-10-19|EPI_ISL_651071|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-S423/2020|2020-03-28|EPI_ISL_434183|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMB-1BA004/2020|2020-11-04|EPI_ISL_651574|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-350326/2020|2020-11-03|EPI_ISL_728844|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/AS-IBV-98006594/2020|2020-03-12|EPI_ISL_654639|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-963CB3/2020|2020-08-10|EPI_ISL_531541|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A484E/2020|2020-12-17|EPI_ISL_764738|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1197/2020|2020-04-00|EPI_ISL_684807|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19742/2020|2020-11-19|EPI_ISL_784087|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-410138/2020|2020-12-17|EPI_ISL_737439|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Italy/APU-IZSPB_286PT/2020|2020-11-02|EPI_ISL_653778|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/MILK-B3CC39/2020|2020-11-01|EPI_ISL_679823|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9AEAEF/2020|2020-09-03|EPI_ISL_573802|Original|hCoV-19^^Scotland|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4944A7/2020|2020-11-19|EPI_ISL_726122|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC9020/2020|2020-07-24|EPI_ISL_565357|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CO-CDPHE-2007233151/2020|2020-07-22|EPI_ISL_771232|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr248/2020|2020-08-07|EPI_ISL_636853|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/CAMC-A6603B/2020|2020-10-10|EPI_ISL_627314|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18383/2020|2020-11-18|EPI_ISL_784731|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/5899/2020|2020-11-22|EPI_ISL_759980|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/PORT-2E9D6E/2020|2020-00-00|EPI_ISL_703015|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1491/2020|2020-05-25|EPI_ISL_617975|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/OCC-106/2020|2020-10-22|EPI_ISL_671952|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|Latour|France

>Spike|hCoV-19/Japan/PG-8911/2020|2020-09-00|EPI_ISL_686457|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B02CE1/2020|2020-10-24|EPI_ISL_642869|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-422/2020|2020-11-13|EPI_ISL_718096|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcrseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Singapore/801/2020|2020-07-25|EPI_ISL_512837|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-11700/2020|2020-09-08|EPI_ISL_790089|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BFCBB0/2020|2020-12-02|EPI_ISL_720687|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_563/2020|2020-04-11|EPI_ISL_460728|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20142060904/2020|2020-03-27|EPI_ISL_420768|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000046/2020|2020-03-09|EPI_ISL_631540|Original|hCoV-19^^New York|Human|New York Presbyterian Lower Manhattan|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18939/2020|2020-11-25|EPI_ISL_785235|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/AM-ALSR-5000/2020|2020-10-05|EPI_ISL_730273|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/LEED-2A931D/2020|2020-04-07|EPI_ISL_539188|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11039/2020|2020-11-02|EPI_ISL_670359|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C3C50/2020|2020-04-24|EPI_ISL_457602|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-ACD67C/2020|2020-10-21|EPI_ISL_634308|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-526E8D/2020|2020-06-02|EPI_ISL_559052|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9650F1/2020|2020-08-13|EPI_ISL_534402|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1371/2020|2020-05-05|EPI_ISL_495821|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-1B4EC4/2020|2020-06-16|EPI_ISL_477798|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-B9715B/2020|2020-11-13|EPI_ISL_674942|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74127/2020|2020-11-12|EPI_ISL_664159|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC11043/2020|2020-00-00|EPI_ISL_563217|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-13278/2020|2020-11-30|EPI_ISL_712700|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG491558/2020|2020-06-22|EPI_ISL_695171|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/NOTT-121842/2020|2020-12-22|EPI_ISL_764509|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-810AD/2020|2020-04-20|EPI_ISL_438564|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/NORW-F6FD3/2020|2020-11-24|EPI_ISL_704236|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26159752/2020|2020-04-11|EPI_ISL_485005|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Denmark/DCGC-15456/2020|2020-11-23|EPI_ISL_713166|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BAD3A/2020|2020-11-12|EPI_ISL_664166|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII4532V/2020|2020-04-03|EPI_ISL_427313|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUH-B11DDD/2020|2020-11-02|EPI_ISL_649576|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A04D/2020|2020-12-09|EPI_ISL_730749|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-95AB1C/2020|2020-06-11|EPI_ISL_554908|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-744/2020|2020-07-04|EPI_ISL_735404|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Rio Claro|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/FL-BPHL-0681/2020|2020-03-25|EPI_ISL_509739|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/LA-EVTL163/2020|2020-05-11|EPI_ISL_574298|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/QEUH-AADC70/2020|2020-10-22|EPI_ISL_623930|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129067504/2020|2020-03-12|EPI_ISL_465808|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0265/2020|2020-05-17|EPI_ISL_698446|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMB-7AB79/2020|2020-04-07|EPI_ISL_433844|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-B7C05F/2020|2020-11-14|EPI_ISL_668208|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B96BB8/2020|2020-11-13|EPI_ISL_675096|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8618C/2020|2020-11-13|EPI_ISL_673881|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A78009/2020|2020-10-14|EPI_ISL_613351|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02438/2020|2020-09-00|EPI_ISL_671582|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Scotland/QEUH-A1F857/2020|2020-10-01|EPI_ISL_598946|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2784/2020|2020-06-23|EPI_ISL_493354|Original|hCoV-19^^Norway|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Wales/PHWC-48841F/2020|2020-11-02|EPI_ISL_638059|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-94BC93/2020|2020-07-15|EPI_ISL_556756|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9C8742/2020|2020-09-15|EPI_ISL_576029|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-QDX-258/2020|2020-04-30|EPI_ISL_498723|Original|hCoV-19^^Illinois|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Singapore/1348/2020|2020-06-11|EPI_ISL_648697|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/QEUA-B6927D/2020|2020-11-11|EPI_ISL_662026|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1366/2020|2020-04-23|EPI_ISL_507954|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/LIVE-A2E24/2020|2020-05-19|EPI_ISL_499890|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Norway/3026/2020|2020-08-06|EPI_ISL_549121|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Luxembourg/LNS8124566/2020|2020-03-17|EPI_ISL_421756|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/CVR2735/2020|2020-04-16|EPI_ISL_453074|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Hong Kong/HKPU-5135/2020|2020-10-07|EPI_ISL_610201|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/England/NORT-28C5B0/2020|2020-05-14|EPI_ISL_478599|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NORT-29F57E/2020|2020-04-30|EPI_ISL_488164|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AAE680/2020|2020-10-22|EPI_ISL_644112|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/5LS6B3/2020|2020-10-05|EPI_ISL_756065|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/NORT-28D661/2020|2020-11-18|EPI_ISL_705364|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-1673/2020|2020-09-14|EPI_ISL_644417|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-AA1DC4/2020|2020-10-22|EPI_ISL_625074|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-22130/2020|2020-08-25|EPI_ISL_660379|Original|hCoV-19^^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-2292/2020|2020-08-10|EPI_ISL_617716|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6991/2020|2020-06-28|EPI_ISL_546414|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-1212C6/2020|2020-12-15|EPI_ISL_741630|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Norway/3621/2020|2020-09-20|EPI_ISL_635185|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/204391000/2020|2020-10-24|EPI_ISL_649877|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7981/2020|2020-08-00|EPI_ISL_687082|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-15C550/2020|2020-04-22|EPI_ISL_472504|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7096/2020|2020-08-00|EPI_ISL_688201|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MD-MDH-0390/2020|2020-10-27|EPI_ISL_660099|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/USA/CA-CZB-1263/2020|2020-05-12|EPI_ISL_454683|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/CA-ALSR-1526/2020|2020-05-13|EPI_ISL_494643|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LIVE-9F6C8/2020|2020-04-18|EPI_ISL_472001|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/IC-0123/2020|2020-08-00|EPI_ISL_591464|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B77ADE/2020|2020-11-12|EPI_ISL_783441|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8930/2020|2020-07-29|EPI_ISL_565286|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A2D470/2020|2020-10-06|EPI_ISL_586789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCE2A3/2020|2020-11-26|EPI_ISL_704660|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2695/2020|2020-08-26|EPI_ISL_667285|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM97812099/2020|2020-12-01|EPI_ISL_753570|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/VIC9925/2020|2020-08-26|EPI_ISL_565783|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-QDX-94/2020|2020-03-12|EPI_ISL_468586|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-3555E/2020|2020-04-23|EPI_ISL_474444|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BD20B1/2020|2020-11-28|EPI_ISL_702298|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3268/2020|2020-08-31|EPI_ISL_616212|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR08027/2020|2020-11-09|EPI_ISL_732416|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-956EBD/2020|2020-06-08|EPI_ISL_554251|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1467/2020|2020-05-08|EPI_ISL_495642|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-CZB-14156/2020|2020-10-17|EPI_ISL_739061|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/LIVE-A5FC4/2020|2020-03-21|EPI_ISL_499671|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9773C6/2020|2020-07-24|EPI_ISL_526396|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/HI-H200367/2020|2020-09-09|EPI_ISL_752923|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-B63DAF/2020|2020-11-08|EPI_ISL_655302|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01240/2020|2020-06-00|EPI_ISL_548862|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Italy/VEN-UniVR-73/2020|2020-03-19|EPI_ISL_751382|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/USA/UT-UPHL-2009673/2020|2020-07-27|EPI_ISL_605348|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-AC7557/2020|2020-10-21|EPI_ISL_644054|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002271/2020|2020-07-19|EPI_ISL_515653|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Germany/HH-hpi-pl285/2020|2020-03-16|EPI_ISL_775803|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-13888/2020|2020-11-30|EPI_ISL_712292|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-489D7D/2020|2020-10-28|EPI_ISL_651108|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B05282/2020|2020-10-24|EPI_ISL_638549|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LIVE-A50EF/2020|2020-03-05|EPI_ISL_499885|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A47980/2020|2020-10-05|EPI_ISL_598359|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-73949/2020|2020-03-30|EPI_ISL_425257|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-C333B4/2020|2020-12-11|EPI_ISL_734115|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C4737/2020|2020-09-07|EPI_ISL_566827|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3247/2020|2020-07-06|EPI_ISL_520927|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BC795A/2020|2020-11-22|EPI_ISL_721314|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96BE97/2020|2020-08-15|EPI_ISL_531260|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-13015E/2020|2020-04-11|EPI_ISL_492645|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_7/2020|2020-00-00|EPI_ISL_415464|Original|hCoV-19^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-1636/2020|2020-09-09|EPI_ISL_605510|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Saudi Arabia/KAIMRC10/2020|2020-03-15|EPI_ISL_507016|unknown|hCoV-19^Saudi Arabia|Human|unknown|Infectious Diseases Research|Submitter|Saudi Arabia

>Spike|hCoV-19/USA/TX-HMH-816/2020|2020-04-10|EPI_ISL_545850|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-1690/2020|2020-04-28|EPI_ISL_496351|Original|hCoV-19^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/India/KA-IB17/2020|2020-06-20|EPI_ISL_508295|Original|hCoV-19^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Poland/PL_MCB_56/2020|2020-06-06|EPI_ISL_645055|Original|hCoV-19^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Scotland/CVR5247/2020|2020-10-19|EPI_ISL_627063|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR5312/2020|2020-10-23|EPI_ISL_651750|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-1B726B/2020|2020-10-17|EPI_ISL_638311|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-9D958/2020|2020-04-27|EPI_ISL_449606|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16017/2020|2020-11-23|EPI_ISL_714537|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A21913/2020|2020-10-01|EPI_ISL_587376|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11499/2020|2020-11-02|EPI_ISL_670676|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-756/2020|2020-07-06|EPI_ISL_735411|Original|hCoV-19^^S\u00e3o Paulo|Human|Centro de Vigilancia a Saude de Diadema|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/204501192/2020|2020-11-02|EPI_ISL_660787|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/HI-H200306/2020|2020-08-12|EPI_ISL_752865|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Australia/VIC6043/2020|2020-07-20|EPI_ISL_518084|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-6809/2020|2020-06-24|EPI_ISL_546259|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-GBCL-26544571/2020|2020-04-17|EPI_ISL_485143|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Luxembourg/LNS5962893/2020|2020-11-23|EPI_ISL_744330|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Austria/CeMM0364/2020|2020-04-05|EPI_ISL_438127|Vero P3|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Wales/PHWC-47F6D9/2020|2020-10-11|EPI_ISL_612713|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9E0498/2020|2020-09-20|EPI_ISL_601452|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2473/2020|2020-03-15|EPI_ISL_604810|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-1281/2020|2020-03-00|EPI_ISL_684890|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/PAC-IHU-0304/2020|2020-03-31|EPI_ISL_569445|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wuhan/HBCDC-HB-03/2019|2019-12-30|EPI_ISL_412899|Original|hCoV-19^^Hubei|Human|Wuhan Jinyintan Hospital|Hubei Provincial Center for Disease Control and Prevention|Fang|China

>Spike|hCoV-19/Sweden/20-24736/2020|2020-11-25|EPI_ISL_766643|Original|hCoV-19^^Ostergotland|Human|Vardcentralen Brinken|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/FL-BPHL-0446/2020|2020-03-23|EPI_ISL_495352|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-9E9CF1/2020|2020-09-24|EPI_ISL_580084|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_20/2020|2020-05-16|EPI_ISL_461008|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CZB-1044/2020|2020-03-31|EPI_ISL_437044|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Wales/PHWC-16B749/2020|2020-09-17|EPI_ISL_573895|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00230676/2020|2020-03-21|EPI_ISL_535928|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-C230B0/2020|2020-12-06|EPI_ISL_733850|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/CN-NVRL-73IRL72730/2020|2020-09-14|EPI_ISL_639849|Original|hCoV-19^^Cavan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/CAMB-82464/2020|2020-04-12|EPI_ISL_443626|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-871/2020|2020-10-27|EPI_ISL_632331|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Colombia/NSA-NS-79852/2020|2020-03-14|EPI_ISL_653752|Original|hCoV-19^^Norte de Santander|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Wuhan/HB-WHCM2-264/2020|2020-02-13|EPI_ISL_454999|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Luxembourg/LNS9798699/2020|2020-11-09|EPI_ISL_744987|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-A96418/2020|2020-10-20|EPI_ISL_624638|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4852/2020|2020-07-19|EPI_ISL_519236|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20618/2020|2020-04-30|EPI_ISL_462700|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-CC097E/2020|2020-12-20|EPI_ISL_778035|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15FE52/2020|2020-05-19|EPI_ISL_479286|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-CEC3E7/2020|2020-12-21|EPI_ISL_781505|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-57/2020|2020-03-19|EPI_ISL_421315|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/ALDP-BBA714/2020|2020-11-20|EPI_ISL_710728|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1169/2020|2020-08-09|EPI_ISL_522925|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-18348/2020|2020-12-07|EPI_ISL_749908|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B13A3E/2020|2020-11-02|EPI_ISL_641840|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205000702/2020|2020-12-00|EPI_ISL_709948|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-A852A9/2020|2020-10-17|EPI_ISL_610347|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovakia/UKBA-204/2020|2020-04-06|EPI_ISL_577736|Original|hCoV-19^^Bratislava|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

>Spike|hCoV-19/Jordan/SEARCH-5435/2020|2020-09-14|EPI_ISL_755120|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMC-B37EA1/2020|2020-11-05|EPI_ISL_659079|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9820/2020|2020-07-06|EPI_ISL_780293|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG491528/2020|2020-06-19|EPI_ISL_695145|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr46/2020|2020-04-08|EPI_ISL_541860|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/DRC/82/2020|2020-03-18|EPI_ISL_417946|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/Hong Kong/HKU-902a/2020|2020-01-23|EPI_ISL_434563|unknown|hCoV-19^^Hong Kong|Human|unknown|Microbiology|Submitter|China

>Spike|hCoV-19/England/ALDP-B45BE5/2020|2020-11-07|EPI_ISL_656335|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/North Macedonia/7238/2020|2020-07-10|EPI_ISL_677716|Original|hCoV-19^^Shtip|Human|Clinical Hospital - Shtip|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/England/SHEF-CBCB2/2020|2020-11-10|EPI_ISL_653078|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2F399/2020|2020-04-06|EPI_ISL_446241|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0110/2020|2020-04-18|EPI_ISL_514673|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Denmark/DCGC-11496/2020|2020-11-02|EPI_ISL_670958|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B9848E/2020|2020-11-15|EPI_ISL_674949|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0473/2020|2020-04-05|EPI_ISL_569537|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUH-CADF39/2020|2020-12-20|EPI_ISL_761095|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1DD706/2020|2020-10-02|EPI_ISL_611731|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2319/2020|2020-11-17|EPI_ISL_734269|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-9767/2020|2020-11-09|EPI_ISL_669160|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR1969/2020|2020-04-09|EPI_ISL_484535|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/SHEF-CC185/2020|2020-03-24|EPI_ISL_442408|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/EDB6417/2020|2020-04-16|EPI_ISL_487785|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1DD584/2020|2020-10-01|EPI_ISL_612039|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/NSW992/2020|2020-07-12|EPI_ISL_591503|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Germany/HH-hpi-pl688/2020|2020-03-18|EPI_ISL_776098|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/CA-ALSR-2005/2020|2020-05-12|EPI_ISL_635302|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49451D/2020|2020-11-20|EPI_ISL_726129|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-120/2020|2020-04-30|EPI_ISL_735268|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Brazil/BA-L29-CD747/2020|2020-04-14|EPI_ISL_722138|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagnosticos do Brasil|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/England/QEUEH-9F5D59/2020|2020-09-27|EPI_ISL_588289|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21500/2020|2020-03-31|EPI_ISL_516227|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-UCLA-87/2020|2020-03-19|EPI_ISL_537604|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/CA-ALSR-0483-SAN/2020|2020-03-31|EPI_ISL_483171|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-UPHL-2012377088/2020|2020-08-09|EPI_ISL_746313|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-17526/2020|2020-12-14|EPI_ISL_751043|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-3873/2020|2020-06-16|EPI_ISL_543268|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-104138/2020|2020-11-09|EPI_ISL_683347|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/MI-MDHHS-SC20639/2020|2020-04-24|EPI_ISL_462721|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Morocco/HMIMV-Rabat1462-04/2020|2020-04-19|EPI_ISL_471460|Original|hCoV-19^^Rabat|Human|Centre de Virologie des Maladies

Tropicales|Functional Genomic Platform/Service Analyses Biologique/UATRS/ Centre National Pour la Recherche Scientifique Et Technique (CNRST)|El Fahime|Morocco
>Spike|hCoV-19/USA/WI-WSLH-200537/2020|2020-05-29|EPI_ISL_578674|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/England/210100345/2021|2021-01-04|EPI_ISL_791230|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England/SHEF-D2984/2020|2020-06-28|EPI_ISL_493736|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-13096/2020|2020-05-12|EPI_ISL_672350|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/USA/WA-S241/2020|2020-03-04|EPI_ISL_430279|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/England/MILK-467962/2020|2020-05-21|EPI_ISL_559752|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC21758/2020|2020-08-05|EPI_ISL_529876|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Switzerland/BL-ETHZ-110509/2020|2020-04-07|EPI_ISL_451915|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/MILK-957A30/2020|2020-06-08|EPI_ISL_553993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B51BE6/2020|2020-11-06|EPI_ISL_658304|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-CCDA41/2020|2020-12-24|EPI_ISL_782291|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-18321/2020|2020-11-17|EPI_ISL_784669|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/LA-BIE-050/2020|2020-04-04|EPI_ISL_463298|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA
>Spike|hCoV-19/England/ALDP-BCA3FF/2020|2020-11-23|EPI_ISL_703448|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Chile/RM-191185/2020|2020-09-26|EPI_ISL_746745|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile
>Spike|hCoV-19/Italy/VEN-UniVR-112/2020|2020-03-28|EPI_ISL_751415|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy
>Spike|hCoV-19/England/QEUEH-A8AA60/2020|2020-10-16|EPI_ISL_638869|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/CAMC-B78C22/2020|2020-11-10|EPI_ISL_783475|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/TAS01/2020|2020-04-10|EPI_ISL_522556|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-80457/2020|2020-04-10|EPI_ISL_470461|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1291/2020|2020-04-08|EPI_ISL_579675|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/QEIH-9DC945/2020|2020-09-21|EPI_ISL_581019|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45D94/2020|2020-11-07|EPI_ISL_656266|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_41/2020|2020-03-21|EPI_ISL_461029|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC8712/2020|2020-07-26|EPI_ISL_565152|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1ABB6F/2020|2020-04-19|EPI_ISL_470284|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-170025/2020|2020-06-23|EPI_ISL_486537|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/20146021404/2020|2020-03-31|EPI_ISL_421983|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19402/2020|2020-12-07|EPI_ISL_748928|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR1406/2020|2020-04-01|EPI_ISL_433571|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WI-UW-681/2020|2020-06-28|EPI_ISL_491362|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/ON-UHTC_0384/2020|2020-11-24|EPI_ISL_698099|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Japan/PG-1601/2020|2020-04-00|EPI_ISL_685207|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1254/2020|2020-06-01|EPI_ISL_618019|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5862/2020|2020-08-00|EPI_ISL_688979|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0395a/2020|2020-04-18|EPI_ISL_454114|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/SHEF-C6992/2020|2020-10-15|EPI_ISL_613370|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NE-11310/2020|2020-05-04|EPI_ISL_466676|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/USA/LA-EVTL326/2020|2020-05-19|EPI_ISL_578732|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Norway/3600/2020|2020-09-19|EPI_ISL_590945|original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Australia/VIC3957/2020|2020-07-13|EPI_ISL_519351|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18472/2020|2020-11-18|EPI_ISL_784820|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NH-EMC-42/2020|2020-06-07|EPI_ISL_523411|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB9498/2020|2020-10-24|EPI_ISL_650180|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-5C711C/2020|2020-06-19|EPI_ISL_558548|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_6/2020|2020-03-06|EPI_ISL_414451|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/MD-ISCI-2014664/2020|2020-08-18|EPI_ISL_691719|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Australia/VIC2081/2020|2020-06-19|EPI_ISL_521912|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-NIV-221624/2020|2020-09-21|EPI_ISL_577651|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/OR-OHSU-0439/2020|2020-05-27|EPI_ISL_509140|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WA-S2452/2020|2020-06-16|EPI_ISL_497084|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUH-B0DDC5/2020|2020-11-02|EPI_ISL_641927|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08156/2020|2020-03-11|EPI_ISL_455842|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Shanghai/SH0050/2020|2020-02-05|EPI_ISL_416358|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/England/CAMC-B5411E/2020|2020-11-09|EPI_ISL_656698|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-4770/2020|2020-08-24|EPI_ISL_730130|Original|hCoV-19^^Baja California|Human|Sharp HealthCare Laboratory|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/WI-GMF-20576/2020|2020-09-16|EPI_ISL_660801|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-UW-6170/2020|2020-04-01|EPI_ISL_430935|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A7A298/2020|2020-10-15|EPI_ISL_606729|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F65AB/2020|2020-09-27|EPI_ISL_600669|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22275/2020|2020-11-03|EPI_ISL_666941|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUA-A335FC/2020|2020-10-05|EPI_ISL_626901|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22436/2020|2020-12-14|EPI_ISL_757413|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-RIVM-10127/2020|2020-00-00|EPI_ISL_547567|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-18444/2020|2020-11-19|EPI_ISL_784792|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC5515/2020|2020-07-21|EPI_ISL_518350|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-BFBCEB/2020|2020-12-04|EPI_ISL_709178|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-39037/2020|2020-05-22|EPI_ISL_479659|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Denmark/DCGC-16771/2020|2020-12-14|EPI_ISL_750552|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2259/2020|2020-05-12|EPI_ISL_510597|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Spain/AR-IBV-98008136/2020|2020-10-13|EPI_ISL_654429|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-1968/2020|2020-05-18|EPI_ISL_542925|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-288191-01/2020|2020-12-15|EPI_ISL_767478|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-499D5C/2020|2020-11-24|EPI_ISL_727438|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-190025/2020|2020-07-07|EPI_ISL_500889|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/VA-DCLS-0211/2020|2020-04-04|EPI_ISL_437426|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-UW210/2020|2020-03-14|EPI_ISL_417359|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/France/ARA-106011/2020|2020-11-12|EPI_ISL_732684|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/20164076104/2020|2020-04-15|EPI_ISL_466478|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR3848/2020|2020-06-03|EPI_ISL_493891|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Portugal/PT0135/2020|2020-03-26|EPI_ISL_453851|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/MA-MGH-01151/2020|2020-04-29|EPI_ISL_791892|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/LA-EVTL1290/2020|2020-12-11|EPI_ISL_778956|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-2974/2020|2020-08-24|EPI_ISL_616736|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-3480/2020|2020-08-07|EPI_ISL_636049|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-7437/2020|2020-06-30|EPI_ISL_546768|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/LOM-INMI-BG-11639/2020|2020-02-28|EPI_ISL_460080|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/Japan/PG-1606/2020|2020-04-00|EPI_ISL_685212|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYUMC188/2020|2020-04-01|EPI_ISL_427484|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-4967D9/2020|2020-11-22|EPI_ISL_726637|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14752/2020|2020-11-23|EPI_ISL_711218|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC14060/2020|2020-09-16|EPI_ISL_563950|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p1958/2020|2020-03-25|EPI_ISL_776283|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/TX-CDC-8420/2020|2020-03-07|EPI_ISL_594455|original|hCoV-19^^Texas|Human|Texas Department of State Health Services Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-B8C380/2020|2020-11-13|EPI_ISL_674205|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B2C7/2020|2020-10-31|EPI_ISL_666218|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DE63D/2020|2020-09-21|EPI_ISL_599787|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11EA2E/2020|2020-11-30|EPI_ISL_741611|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/France/ARA-0779/2020|2020-03-11|EPI_ISL_508945|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/VA-DCLS-1860/2020|2020-09-23|EPI_ISL_614082|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/MILK-9750C1/2020|2020-08-20|EPI_ISL_552635|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2802/2020|2020-06-08|EPI_ISL_545565|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-10B2FC1/2020|2020-05-25|EPI_ISL_537247|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D0D88/2020|2020-03-30|EPI_ISL_475281|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1442/2020|2020-09-13|EPI_ISL_541574|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/QEUA-A1E375/2020|2020-09-29|EPI_ISL_587449|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-10704/2020|2020-11-02|EPI_ISL_670149|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/LIVE-9F895/2020|2020-05-31|EPI_ISL_472020|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-8850/2020|2020-10-26|EPI_ISL_626105|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/MI-MDHHS-SC20894/2020|2020-04-23|EPI_ISL_476031|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/CAMC-B0B1AD/2020|2020-10-29|EPI_ISL_643577|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/RJ-00568/2020|2020-11-04|EPI_ISL_717952|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil
>Spike|hCoV-19/USA/FL-BPHL-2030/2020|2020-03-26|EPI_ISL_653183|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/20212015904/2020|2020-05-18|EPI_ISL_465675|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/QEUA-5EF5D6/2020|2020-06-16|EPI_ISL_533269|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/OR-OHSU-2489/2020|2020-08-17|EPI_ISL_667226|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/England/LOND-12646C7/2020|2020-11-19|EPI_ISL_705970|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/MILK-CA9911/2020|2020-12-17|EPI_ISL_762504|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC7232/2020|2020-07-25|EPI_ISL_564299|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/CAMB-1AB5BC/2020|2020-04-21|EPI_ISL_470213|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-81A45/2020|2020-04-10|EPI_ISL_442571|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Ireland/MH-NVRL-76IRL26957/2020|2020-10-18|EPI_ISL_639842|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/USA/TX-HMH038/2020|2020-03-06|EPI_ISL_434747|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/VIC8093/2020|2020-08-15|EPI_ISL_562661|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-4A4671/2020|2020-12-16|EPI_ISL_764719|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20121641/2020|2020-09-13|EPI_ISL_730604|Original|hCoV-19^^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/India/GJ-GBRC168b/2020|2020-05-27|EPI_ISL_461506|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Japan/PG-4973/2020|2020-08-00|EPI_ISL_690091|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9C639B/2020|2020-09-10|EPI_ISL_567591|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F995432/2020|2020-09-22|EPI_ISL_693724|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/England/ALDP-9E84AF/2020|2020-09-24|EPI_ISL_638249|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16980C/2020|2020-07-21|EPI_ISL_512517|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012191643/2020|2020-11-30|EPI_ISL_746432|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Wales/PHWC-16B04E/2020|2020-09-16|EPI_ISL_560235|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BBABBE/2020|2020-11-21|EPI_ISL_702463|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S904/2020|2020-04-12|EPI_ISL_586477|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/DC-HP00138/2020|2020-03-16|EPI_ISL_457770|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Canada/MB-NML-1135/2020|2020-07-20|EPI_ISL_582466|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/UT-UPHL-02829/2020|2020-04-24|EPI_ISL_575089|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-11789/2020|2020-09-22|EPI_ISL_625632|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Ireland/D-NVRL-AIIDM0043v1/2020|2020-05-01|EPI_ISL_644251|Original|hCoV-19^^Dublin|Human|CEPHR / Mater Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Sweden/20-53027/2020|2020-04-10|EPI_ISL_676533|Original|hCoV-19^^unknown|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-B7ECFF/2020|2020-11-14|EPI_ISL_661663|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH953S/2020|2020-09-03|EPI_ISL_596363|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/VA_NIDDL_3082/2020|2020-04-09|EPI_ISL_491942|Original|hCoV-19^^Virginia|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/England/BRIS-12A227/2020|2020-04-16|EPI_ISL_458316|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-896/2020|2020-04-10|EPI_ISL_545908|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1903/2020|2020-05-25|EPI_ISL_622493|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/mink/Netherlands/NB-EMC-11-1/2020|2020-06-07|EPI_ISL_522993|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/United Arab Emirates/0488/2020|2020-05-18|EPI_ISL_698656|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-13238/2020|2020-11-30|EPI_ISL_712672|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8425/2020|2020-09-00|EPI_ISL_687524|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9735E2/2020|2020-08-20|EPI_ISL_575830|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7556/2020|2020-10-12|EPI_ISL_618465|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-482D1A/2020|2020-04-26|EPI_ISL_559696|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/KN-CV252/2020|2020-04-25|EPI_ISL_729937|Original|hCoV-19^^Kano State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Denmark/DCGC-11614/2020|2020-11-02|EPI_ISL_671024|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-4594/2020|2020-07-10|EPI_ISL_667028|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/NB-RIVM-20276/2020|2020-11-27|EPI_ISL_723416|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-18909/2020|2020-11-25|EPI_ISL_785214|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20705/2020|2020-12-21|EPI_ISL_759316|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-157771/2020|2020-08-21|EPI_ISL_746681|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Belgium/ULG-10808/2020|2020-11-17|EPI_ISL_661235|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Japan/PG-8378/2020|2020-07-00|EPI_ISL_687477|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1440/2020|2020-03-25|EPI_ISL_514659|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-A67F79/2020|2020-10-12|EPI_ISL_608674|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47ED5D/2020|2020-10-11|EPI_ISL_595585|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/CN-IBV-97006476/2020|2020-03-24|EPI_ISL_537693|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUH-95E477/2020|2020-08-10|EPI_ISL_534423|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6866/2020|2020-06-25|EPI_ISL_546301|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT0752/2020|2020-03-23|EPI_ISL_511011|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WI-UW-893/2020|2020-07-12|EPI_ISL_509895|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-9E62B6/2020|2020-09-24|EPI_ISL_580281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16735/2020|2020-07-06|EPI_ISL_714364|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B65AF/2020|2020-09-29|EPI_ISL_584290|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B1AB25/2020|2020-11-01|EPI_ISL_711029|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124EFC/2020|2020-03-26|EPI_ISL_443871|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29FE6/2020|2020-04-03|EPI_ISL_432409|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-1151AA/2020|2020-10-11|EPI_ISL_584795|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-UW-21969/2020|2020-08-06|EPI_ISL_570820|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-BABE20/2020|2020-11-18|EPI_ISL_681537|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-745C31/2020|2020-06-29|EPI_ISL_557414|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000939/2020|2020-03-28|EPI_ISL_452633|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-22205/2020|2020-12-14|EPI_ISL_758612|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6409/2020|2020-08-00|EPI_ISL_689515|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/BAS-UniMI-2144/2020|2020-03-23|EPI_ISL_477201|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata|Beaconlab (Bioinformatics)|Chiara|Italy

>Spike|hCoV-19/USA/MI-MDHHS-SC22077/2020|2020-10-05|EPI_ISL_583534|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11403/2020|2020-09-04|EPI_ISL_790015|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-082/2020|2020-06-01|EPI_ISL_466649|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/FL-BPHL-0625/2020|2020-04-05|EPI_ISL_508829|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-S1014/2020|2020-04-30|EPI_ISL_463504|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Germany/SH-ChVir8182/2020|2020-07-11|EPI_ISL_729565|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-13514/2020|2020-11-30|EPI_ISL_712179|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7873/2020|2020-10-19|EPI_ISL_618837|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E6DF1/2020|2020-09-24|EPI_ISL_580464|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7350/2020|2020-08-00|EPI_ISL_688452|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/Limburg_28/2020|2020-04-22|EPI_ISL_461016|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-232/2020|2020-03-27|EPI_ISL_428328|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/NY-Wadsworth-253098-01/2020|2020-10-23|EPI_ISL_734305|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-160011/2020|2020-06-18|EPI_ISL_486508|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-08506/2020|2020-05-18|EPI_ISL_524271|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/DE-DHSS-F986809/2020|2020-11-18|EPI_ISL_767004|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/England/NORW-F1363/2020|2020-10-19|EPI_ISL_595226|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16654/2020|2020-11-16|EPI_ISL_714895|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-0761-IPL/2020|2020-04-11|EPI_ISL_483340|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Mexico/CMX-INMEGEN-21/2020|2020-08-06|EPI_ISL_522986|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Medicina Gen\u00e9tica|Instituto Nacional de Medicina Gen\u00e9tica|Hidalgo|Mexico

>Spike|hCoV-19/Switzerland/VD-ETHZ-250133/2020|2020-08-15|EPI_ISL_535639|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-A4C192/2020|2020-10-05|EPI_ISL_628548|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-2227/2020|2020-04-00|EPI_ISL_685832|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Israel/CVL-46398/2020|2020-12-15|EPI_ISL_745072|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Hong Kong/VM20008964/2020|2020-04-03|EPI_ISL_426412|Original|hCoV-19^^Hong Kong|Human|Pok Oi Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Australia/VIC6235/2020|2020-07-21|EPI_ISL_518229|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1883/2020|2020-10-16|EPI_ISL_603018|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-CZB-180/2020|2020-05-08|EPI_ISL_583177|Original|hCoV-19^^California|Human|San Bernardino County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Luxembourg/LNS6262346/2020|2020-11-15|EPI_ISL_744393|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Iceland/522/2020|2020-03-25|EPI_ISL_424543|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUA-96C24F/2020|2020-08-13|EPI_ISL_530926|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15430/2020|2020-12-02|EPI_ISL_738981|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1219/2020|2020-12-13|EPI_ISL_763348|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/DL-NCDC7560-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482644|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Japan/PG-2430/2020|2020-04-00|EPI_ISL_686035|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-1223/2020|2020-04-00|EPI_ISL_684833|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-IGI-0329/2020|2020-07-17|EPI_ISL_754868|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-B49097/2020|2020-11-07|EPI_ISL_649276|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1319/2020|2020-03-31|EPI_ISL_654902|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20140069004/2020|2020-03-28|EPI_ISL_423402|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9EABE4/2020|2020-09-24|EPI_ISL_580027|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3EA01/2020|2020-10-03|EPI_ISL_609733|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA3918/2020|2020-11-18|EPI_ISL_721104|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99A196/2020|2020-08-30|EPI_ISL_550413|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C5B9D/2020|2020-06-07|EPI_ISL_484459|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0635/2020|2020-06-26|EPI_ISL_576291|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19249/2020|2020-11-27|EPI_ISL_783717|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B1CEB1/2020|2020-11-01|EPI_ISL_645740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20368/2020|2020-03-13|EPI_ISL_450579|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/20169020704/2020|2020-04-18|EPI_ISL_465209|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6775/2020|2020-10-12|EPI_ISL_619471|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC108/2020|2020-03-18|EPI_ISL_419714|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR4034/2020|2020-08-30|EPI_ISL_535132|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/NSW1116/2020|2020-09-15|EPI_ISL_593730|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/LEED-2A8BCB/2020|2020-04-02|EPI_ISL_539101|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9566/2020|2020-11-20|EPI_ISL_702598|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CB-IBV-98007082/2020|2020-07-03|EPI_ISL_582098|Original|hCoV-19^^Cantabria|Human|Hospital Universitario Marqu\u00e9s de Valdecilla - IDIVAL (Santander|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-BCB437/2020|2020-11-26|EPI_ISL_704160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-5682/2020|2020-07-23|EPI_ISL_582972|Original|hCoV-19^^California|Human|San Luis Obispo Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-858/2020|2020-05-18|EPI_ISL_614811|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AR-IBV-2450/2020|2020-03-28|EPI_ISL_468783|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/AZ-TG408128/2020|2020-06-12|EPI_ISL_694891|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-B3672F/2020|2020-11-05|EPI_ISL_645316|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-4584/2020|2020-11-09|EPI_ISL_667538|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-3306/2020|2020-06-11|EPI_ISL_544118|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16020/2020|2020-07-10|EPI_ISL_785704|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20126063104/2020|2020-03-18|EPI_ISL_423903|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-1B61737/2020|2020-10-23|EPI_ISL_702525|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Senegal/073/2020|2020-03-10|EPI_ISL_418210|Original|hCoV-19^^Diourbel|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/QEUEH-CC5DB9/2020|2020-12-22|EPI_ISL_760513|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B9522D/2020|2020-11-13|EPI_ISL_673738|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA13D/2020|2020-09-24|EPI_ISL_580229|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-83788/2020|2020-04-15|EPI_ISL_443436|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC16551/2020|2020-07-23|EPI_ISL_640603|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-4A7016/2020|2020-06-13|EPI_ISL_559534|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-366/2020|2020-04-14|EPI_ISL_450720|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-B3631C/2020|2020-11-05|EPI_ISL_645519|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C6460C/2020|2020-12-14|EPI_ISL_778497|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/OXON-F40F26/2020|2020-12-15|EPI_ISL_764555|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL287/2020|2020-08-26|EPI_ISL_574421|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-CBFD76/2020|2020-12-19|EPI_ISL_760544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-52114D/2020|2020-06-02|EPI_ISL_559031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1544/2020|2020-04-28|EPI_ISL_468489|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/QEUA-9E53D2/2020|2020-09-22|EPI_ISL_579841|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8943/2020|2020-08-00|EPI_ISL_686489|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9DE65B/2020|2020-09-21|EPI_ISL_599614|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0675/2020|2020-07-16|EPI_ISL_576328|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-94AEF8/2020|2020-06-11|EPI_ISL_556457|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-380381/2020|2020-11-23|EPI_ISL_721957|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-B568DB/2020|2020-11-05|EPI_ISL_656957|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10221/2020|2020-05-14|EPI_ISL_498127|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-A64CA2/2020|2020-10-11|EPI_ISL_608939|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/701002489/2020|2020-03-25|EPI_ISL_447295|Original|hCoV-19^^South Coast District|Human|Microbiology Division|Stern Lab|Miller|Israel

>Spike|hCoV-19/India/MH-ACTREC-478/2020|2020-08-11|EPI_ISL_700126|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/India/UT-AR33/2020|2020-06-02|EPI_ISL_508181|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/LOND-1260968/2020|2020-03-17|EPI_ISL_516845|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A211A2/2020|2020-10-01|EPI_ISL_587382|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2016/2020|2020-10-08|EPI_ISL_677423|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NORT-2A5FB3/2020|2020-10-12|EPI_ISL_637463|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC948/2020|2020-03-26|EPI_ISL_430647|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200333/2020|2020-08-14|EPI_ISL_752891|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Spain/VC-IBV-98003531/2020|2020-03-28|EPI_ISL_537963|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-485755/2020|2020-10-25|EPI_ISL_628214|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-52028/2020|2020-06-10|EPI_ISL_623086|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-4481/2020|2020-06-17|EPI_ISL_543656|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-3169B/2020|2020-04-13|EPI_ISL_446471|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2079/2020|2020-04-00|EPI_ISL_685684|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC733/2020|2020-03-30|EPI_ISL_427012|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/IC-0203/2020|2020-07-00|EPI_ISL_667632|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC16886/2020|2020-08-06|EPI_ISL_663623|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-9733/2020|2020-07-06|EPI_ISL_780246|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Israel/CVL-n1999/2020|2020-03-06|EPI_ISL_649092|Original|hCoV-19^^Ramat-Hasharon|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-9706B5/2020|2020-08-17|EPI_ISL_553142|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1332D0/2020|2020-05-07|EPI_ISL_495115|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/DP0724/2020|2020-02-17|EPI_ISL_416620|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-22277/2020|2020-12-14|EPI_ISL_758650|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Pakistan/JRCGR-KHI36/2020|2020-08-10|EPI_ISL_779273|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/USA/TX-HMH-MCoV-13660/2020|2020-08-20|EPI_ISL_788761|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-54A339/2020|2020-05-13|EPI_ISL_533378|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF4CE3/2020|2020-10-30|EPI_ISL_663195|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4541/2020|2020-06-21|EPI_ISL_543705|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2D3550/2020|2020-04-14|EPI_ISL_535036|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-952525/2020|2020-06-09|EPI_ISL_555709|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1990/2020|2020-11-13|EPI_ISL_732212|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-489A94/2020|2020-10-27|EPI_ISL_652447|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1058/2020|2020-06-23|EPI_ISL_512907|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Russia/StPetersburg-RII11275S/2020|2020-05-02|EPI_ISL_507251|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Canada/NS-NML-888/2020|2020-03-19|EPI_ISL_579540|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Switzerland/BE-ETHZ-330515/2020|2020-10-19|EPI_ISL_614915|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A79D3E/2020|2020-10-15|EPI_ISL_606607|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-2514/2020|2020-03-20|EPI_ISL_468988|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/France/PDL-SC636/2020|2020-04-04|EPI_ISL_663275|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/France/ARA-6777/2020|2020-09-04|EPI_ISL_692767|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/MN-QDX-1348/2020|2020-03-15|EPI_ISL_572137|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/Vs-ETHZ-270176/2020|2020-08-29|EPI_ISL_541509|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-AB7C82/2020|2020-10-21|EPI_ISL_623730|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-B145B4/2020|2020-11-03|EPI_ISL_641809|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012973122/2020|2020-10-26|EPI_ISL_746228|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB10554/2020|2020-10-18|EPI_ISL_703198|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/204742179/2020|2020-00-00|EPI_ISL_649896|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WA_0442/2020|2020-03-19|EPI_ISL_426445|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/NSW156/2020|2020-03-18|EPI_ISL_427719|Original|hCoV-19^^New South Wales|Human|ACT Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Brazil/SP-360/2020|2020-06-22|EPI_ISL_583498|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal Dr. Waldemar Tebaldi|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/AZ-TG378380/2020|2020-06-16|EPI_ISL_694627|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000566/2020|2020-03-29|EPI_ISL_632025|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/France/IDF-2536/2020|2020-03-14|EPI_ISL_421504|Original|hCoV-19^^\u00cele-de-France|Human|Service de Biologie M\u00e9dicale - BP 125|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-4FA5BB/2020|2020-06-24|EPI_ISL_559282|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124C3DD/2020|2020-03-26|EPI_ISL_492850|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A25C/2020|2020-12-01|EPI_ISL_727516|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1070/2020|2020-08-04|EPI_ISL_582424|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Japan/PG-7302/2020|2020-08-00|EPI_ISL_688405|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-AD0E14/2020|2020-10-26|EPI_ISL_633973|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0324/2020|2020-10-20|EPI_ISL_633099|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Wales/PHWC-489E89/2020|2020-11-03|EPI_ISL_652501|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1025FF/2020|2020-04-17|EPI_ISL_469872|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-287EE7/2020|2020-11-15|EPI_ISL_725004|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18616/2020|2020-12-07|EPI_ISL_750082|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-A7634E/2020|2020-10-12|EPI_ISL_613318|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7880/2020|2020-10-26|EPI_ISL_618860|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS2702537/2020|2020-10-26|EPI_ISL_740173|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-49E267/2020|2020-12-07|EPI_ISL_742975|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-AA0F9/2020|2020-03-25|EPI_ISL_517403|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9F609/2020|2020-11-18|EPI_ISL_720943|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Morocco/FMP-56/2020|2020-00-00|EPI_ISL_775255|Original|hCoV-19^^Temara|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahghiri|Morocco

>Spike|hCoV-19/USA/NY-NYUMC551/2020|2020-03-30|EPI_ISL_444668|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-ACDEDE/2020|2020-10-22|EPI_ISL_630032|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18399/2020|2020-11-18|EPI_ISL_784747|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7C579/2020|2020-04-04|EPI_ISL_442290|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-12F0BA3/2020|2020-11-26|EPI_ISL_679609|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/WY-UNM-00140/2020|2020-07-01|EPI_ISL_614259|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/ALDP-A2F7DF/2020|2020-10-05|EPI_ISL_587077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2D2BC/2020|2020-04-04|EPI_ISL_445966|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22213/2020|2020-10-18|EPI_ISL_644355|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Australia/VIC4676/2020|2020-07-17|EPI_ISL_519064|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/Vs-ETHZ-410780/2020|2020-12-11|EPI_ISL_737641|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-C6694D/2020|2020-12-15|EPI_ISL_778482|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-420520/2020|2020-12-22|EPI_ISL_768076|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-A2E837/2020|2020-10-05|EPI_ISL_586693|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0453/2020|2020-11-17|EPI_ISL_720014|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10474/2020|2020-07-08|EPI_ISL_789270|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/ME-HETL-J0204/2020|2020-09-21|EPI_ISL_755372|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-2523/2020|2020-06-16|EPI_ISL_635527|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/England/ALDP-9CBBDA/2020|2020-09-16|EPI_ISL_575488|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14209/2020|2020-11-30|EPI_ISL_711626|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4407/2020|2020-09-21|EPI_ISL_621828|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20128015004/2020|2020-03-18|EPI_ISL_423941|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/reg-09181143/2020|2020-09-18|EPI_ISL_738227|Original|hCoV-19^^Overijse|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/IL-NM025/2020|2020-03-15|EPI_ISL_444535|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/QEUEH-B67998/2020|2020-11-11|EPI_ISL_661331|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL762/2020|2020-07-21|EPI_ISL_653453|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-11378/2020|2020-11-02|EPI_ISL_670876|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-4A931B/2020|2020-06-09|EPI_ISL_559472|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2543/2020|2020-04-24|EPI_ISL_439227|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-3245/2020|2020-04-00|EPI_ISL_690623|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/SP-243/2020|2020-05-02|EPI_ISL_693196|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Santa Clara|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/PORT-2EA4E0/2020|2020-11-17|EPI_ISL_665625|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-300/2020|2020-10-01|EPI_ISL_632535|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-95272F/2020|2020-06-09|EPI_ISL_553953|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-23510D/2020|2020-10-15|EPI_ISL_764413|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1012/2020|2020-07-16|EPI_ISL_517902|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LOND-D565D/2020|2020-04-16|EPI_ISL_449709|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/PORT-2D1376/2020|2020-03-24|EPI_ISL_479187|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1079/2020|2020-08-03|EPI_ISL_582431|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/MN-MDH-2053/2020|2020-03-29|EPI_ISL_683682|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42196976/2020|2020-03-18|EPI_ISL_528200|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/CAMC-BD45FC/2020|2020-11-27|EPI_ISL_702131|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124C59B/2020|2020-04-08|EPI_ISL_492845|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2949/2020|2020-08-24|EPI_ISL_667429|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WA-S910/2020|2020-04-27|EPI_ISL_463400|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMC-B99942/2020|2020-11-15|EPI_ISL_673574|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03186/2020|2020-04-21|EPI_ISL_470741|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/ALDP-9505CD/2020|2020-06-17|EPI_ISL_555219|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-96707/2020|2020-10-29|EPI_ISL_732702|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/LEED-2A9052/2020|2020-04-03|EPI_ISL_539010|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2791/2020|2020-07-01|EPI_ISL_563985|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S455/2020|2020-03-31|EPI_ISL_434215|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/FL-BPHL-0365/2020|2020-04-13|EPI_ISL_489774|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21835/2020|2020-04-16|EPI_ISL_565878|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/OR-OHSU-2353/2020|2020-08-12|EPI_ISL_667191|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-CZB-15483/2020|2020-09-04|EPI_ISL_739095|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Spain/RI-IBV-98002302/2020|2020-03-08|EPI_ISL_537825|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-495EE4/2020|2020-11-23|EPI_ISL_726502|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2895/2020|2020-07-04|EPI_ISL_521726|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/PV-IBV-004241/2020|2020-04-05|EPI_ISL_500305|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-1101/2020|2020-08-03|EPI_ISL_526587|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC8900/2020|2020-07-22|EPI_ISL_565272|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NA_52/2020|2020-03-14|EPI_ISL_422813|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/mink/Netherlands/NB-EMC-29-1/2020|2020-08-12|EPI_ISL_577755|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-8055/2020|2020-10-26|EPI_ISL_617185|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-E8790/2020|2020-04-11|EPI_ISL_448232|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-96FE48/2020|2020-08-18|EPI_ISL_568427|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-A4CA2E/2020|2020-10-05|EPI_ISL_628588|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-A23BFD/2020|2020-10-03|EPI_ISL_595106|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164F39/2020|2020-06-03|EPI_ISL_479400|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94F9B6/2020|2020-06-16|EPI_ISL_555226|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008554/2020|2020-09-17|EPI_ISL_654095|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-S1239/2020|2020-05-11|EPI_ISL_495689|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUIH-B81637/2020|2020-11-14|EPI_ISL_667844|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009162/2020|2020-05-26|EPI_ISL_525150|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/EXET-13DD7B/2020|2020-12-03|EPI_ISL_724289|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/EXET-138499/2020|2020-09-13|EPI_ISL_611620|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-C7B20E/2020|2020-12-15|EPI_ISL_756944|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11424/2020|2020-11-02|EPI_ISL_670746|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0791/2020|2020-05-19|EPI_ISL_698931|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC16164/2020|2020-08-09|EPI_ISL_640822|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/tiger/USA/NY-P3/2020|2020-04-04|EPI_ISL_566040|Vero P3|hCoV-19^^New York|Panthera tigris jacksoni|Wildlife Conservation Society|Diagnostic Virology Laboratory|Mitchell|USA

>Spike|hCoV-19/England/QEUA-9CFD1C/2020|2020-09-15|EPI_ISL_589993|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A30FE2/2020|2020-10-05|EPI_ISL_595851|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-C4B61A/2020|2020-12-12|EPI_ISL_769743|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WHCM2-279/2020|2020-02-11|EPI_ISL_455011|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/CAMB-7CC65/2020|2020-04-05|EPI_ISL_442341|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-94C70A/2020|2020-06-15|EPI_ISL_555891|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9702C0/2020|2020-08-17|EPI_ISL_553086|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5086/2020|2020-09-10|EPI_ISL_567619|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2676/2020|2020-06-30|EPI_ISL_521517|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-1710/2020|2020-04-00|EPI_ISL_685316|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B89E64/2020|2020-11-13|EPI_ISL_675558|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-2616/2020|2020-03-00|EPI_ISL_548156|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/MILK-ABB3C5/2020|2020-10-21|EPI_ISL_623514|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1821/2020|2020-09-09|EPI_ISL_605693|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WI-UW-1195/2020|2020-08-08|EPI_ISL_527805|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Chile/BI-178219/2020|2020-09-14|EPI_ISL_746509|Original|hCoV-19^^Biobio|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Canada/QC-LSPQ-L00222731/2020|2020-03-16|EPI_ISL_535818|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/MN-QDX-1020/2020|2020-03-15|EPI_ISL_571746|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9CB967/2020|2020-09-16|EPI_ISL_575757|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3562/2020|2020-06-14|EPI_ISL_543024|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9D4B38/2020|2020-09-19|EPI_ISL_601562|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9D98B/2020|2020-10-20|EPI_ISL_652663|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10117/2020|2020-04-07|EPI_ISL_427365|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-485290/2020|2020-10-23|EPI_ISL_628163|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7641/2020|2020-08-00|EPI_ISL_686743|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-10036454976/2020|2020-10-15|EPI_ISL_628834|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NORT-286149/2020|2020-07-09|EPI_ISL_573312|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BE91E1/2020|2020-12-03|EPI_ISL_710618|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204841744/2020|2020-00-00|EPI_ISL_671311|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/MILK-B3970E/2020|2020-11-01|EPI_ISL_679636|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1440/2020|2020-06-24|EPI_ISL_671614|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Brazil/SP-L7-CD57/2020|2020-03-20|EPI_ISL_476430|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/CA-ALSR-2726/2020|2020-07-15|EPI_ISL_635645|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20156047404/2020|2020-04-09|EPI_ISL_466324|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C39785/2020|2020-12-07|EPI_ISL_767197|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-ED7F5/2020|2020-00-00|EPI_ISL_490497|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/EDB6048/2020|2020-05-08|EPI_ISL_473872|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-ACE329/2020|2020-10-21|EPI_ISL_629162|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003544/2020|2020-09-25|EPI_ISL_602860|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/New Zealand/20VR3147/2020|2020-03-21|EPI_ISL_579439|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Australia/VIC11537/2020|2020-08-28|EPI_ISL_563406|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/GSTT-265DB70/2020|2020-03-27|EPI_ISL_484072|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/LIVE-DC1C28/2020|2020-11-20|EPI_ISL_705241|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-121A91/2020|2020-03-31|EPI_ISL_440158|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CE7B5/2020|2020-09-17|EPI_ISL_590103|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D3C6A/2020|2020-04-21|EPI_ISL_499317|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-005299/2020|2020-03-15|EPI_ISL_510183|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-98F659/2020|2020-08-27|EPI_ISL_540032|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D959F/2020|2020-09-18|EPI_ISL_576741|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13598/2020|2020-11-30|EPI_ISL_712900|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1376/2020|2020-12-11|EPI_ISL_779042|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-A84987/2020|2020-10-18|EPI_ISL_610569|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7AD79/2020|2020-10-15|EPI_ISL_606565|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/DA-0319106/2020|2020-03-18|EPI_ISL_420362|Original|hCoV-19^^Quevy|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-DSHS-1755/2020|2020-06-23|EPI_ISL_710403|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-BBB93B/2020|2020-11-22|EPI_ISL_703742|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-9981A7/2020|2020-08-26|EPI_ISL_537158|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C53E53/2020|2020-12-12|EPI_ISL_736464|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV27789/2020|2020-05-21|EPI_ISL_481124|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/WA-S1848/2020|2020-05-27|EPI_ISL_496274|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-8E388B/2020|2020-06-25|EPI_ISL_557082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20896/2020|2020-12-21|EPI_ISL_758781|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00237080/2020|2020-03-25|EPI_ISL_536159|Original|hCoV-19^^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-2194/2020|2020-08-10|EPI_ISL_617495|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-QDX-1319/2020|2020-03-14|EPI_ISL_572108|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NORW-ED78C/2020|2020-06-08|EPI_ISL_472382|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-934802/2020|2020-06-21|EPI_ISL_552978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036541568/2020|2020-10-20|EPI_ISL_640160|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20502/2020|2020-11-18|EPI_ISL_728717|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/EDB9161/2020|2020-11-02|EPI_ISL_665552|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1251/2020|2020-06-25|EPI_ISL_626511|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/NY-Wadsworth-281399-01/2020|2020-10-27|EPI_ISL_734466|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-9D0088/2020|2020-09-15|EPI_ISL_589868|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-97/2020|2020-03-17|EPI_ISL_425221|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/NY-NYUMC525/2020|2020-03-30|EPI_ISL_444642|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Netherlands/Zeeland_31/2020|2020-04-25|EPI_ISL_461270|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Belgium/ITM_C2184_2/2020|2020-06-02|EPI_ISL_487432|Original|hCoV-19^^Belgium|Human|Queen Astrid Military Hospital|Institute of Tropical Medicine|Selhorst|Belgium

>Spike|hCoV-19/USA/TX-HMH-5376/2020|2020-06-23|EPI_ISL_544728|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1543/2020|2020-06-20|EPI_ISL_693557|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUEH-B9E39A/2020|2020-11-17|EPI_ISL_720969|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12027/2020|2020-11-06|EPI_ISL_791334|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Switzerland/BS-42206244/2020|2020-03-25|EPI_ISL_581745|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-3795/2020|2020-05-27|EPI_ISL_636205|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-S2884/2020|2020-09-24|EPI_ISL_596415|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-1218/2020|2020-04-21|EPI_ISL_542588|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B9F9B5/2020|2020-11-18|EPI_ISL_721082|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13821/2020|2020-09-14|EPI_ISL_563841|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AD22E9/2020|2020-10-26|EPI_ISL_629820|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0663/2020|2020-07-19|EPI_ISL_576317|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LIVE-DB7B82/2020|2020-11-02|EPI_ISL_651223|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Chile/AR-ISPCH-12/2020|2020-03-25|EPI_ISL_445346|Original|hCoV-19^^La Araucania|Human|HOSPITAL DR.HERNAN HENRIQUEZ ARAVENA|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/USA/WI-UW-555/2020|2020-06-25|EPI_ISL_484930|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-5871/2020|2020-08-00|EPI_ISL_688986|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-BC7CBB/2020|2020-11-22|EPI_ISL_721362|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-392/2020|2020-09-29|EPI_ISL_722838|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-FCA90/2020|2020-04-22|EPI_ISL_470060|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14275/2020|2020-10-04|EPI_ISL_787560|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/WA185/2020|2020-03-25|EPI_ISL_596748|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/CAMC-A57C1B/2020|2020-10-08|EPI_ISL_597414|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-123A9F/2020|2020-04-07|EPI_ISL_442702|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02788/2020|2020-09-23|EPI_ISL_765636|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/AZ-TG342042/2020|2020-05-30|EPI_ISL_694381|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/MD-MDH-0341/2020|2020-10-16|EPI_ISL_648283|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/CAMB-7A8EB/2020|2020-04-03|EPI_ISL_441178|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Iran/K1r-114/2020|2020-05-00|EPI_ISL_596382|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/England/PORT-2E9056/2020|2020-00-00|EPI_ISL_763604|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00437/2020|2020-04-28|EPI_ISL_693120|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/LIVE-DB500D/2020|2020-10-23|EPI_ISL_650655|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A7C8B2/2020|2020-10-15|EPI_ISL_607545|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA221F/2020|2020-10-22|EPI_ISL_624960|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-K496/2020|2020-04-13|EPI_ISL_447580|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Australia/VIC4104/2020|2020-07-14|EPI_ISL_519484|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-9334/2020|2020-11-16|EPI_ISL_668913|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A700C5/2020|2020-10-15|EPI_ISL_608123|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-4084/2020|2020-08-11|EPI_ISL_548589|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/BRIS-12A0E1/2020|2020-04-16|EPI_ISL_458512|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5472/2020|2020-08-00|EPI_ISL_690575|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW2519/2020|2020-03-23|EPI_ISL_527035|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/PORT-2D158F/2020|2020-04-20|EPI_ISL_484410|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1878/2020|2020-09-11|EPI_ISL_605749|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14929/2020|2020-10-15|EPI_ISL_786413|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB6211/2020|2020-05-19|EPI_ISL_473915|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-A7B4CE/2020|2020-10-15|EPI_ISL_607618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16721/2020|2020-10-19|EPI_ISL_714433|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS8708455/2020|2020-12-23|EPI_ISL_771041|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUEH-7858C8/2020|2020-07-15|EPI_ISL_533168|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-952DC3/2020|2020-06-11|EPI_ISL_553657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51771/2020|2020-05-27|EPI_ISL_510848|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-3115/2020|2020-06-11|EPI_ISL_544002|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-0632/2020|2020-04-10|EPI_ISL_495305|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/LIVE-A48E8/2020|2020-03-10|EPI_ISL_500053|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21160/2020|2020-04-03|EPI_ISL_507417|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WA-UW-5782/2020|2020-04-07|EPI_ISL_570078|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUEH-A4B9F5/2020|2020-10-08|EPI_ISL_628501|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3731/2020|2020-06-16|EPI_ISL_543143|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9A6953/2020|2020-09-01|EPI_ISL_549967|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-66B638/2020|2020-07-03|EPI_ISL_558220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B37FDB/2020|2020-11-05|EPI_ISL_659093|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AADEB6/2020|2020-10-22|EPI_ISL_652958|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-799/2020|2020-03-22|EPI_ISL_571492|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-9A4278/2020|2020-09-01|EPI_ISL_540140|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22020/2020|2020-12-14|EPI_ISL_758513|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A20D54/2020|2020-10-01|EPI_ISL_587624|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE49480/2020|2020-05-16|EPI_ISL_529004|Original|hCoV-19^^Abruzzo|Human|Servizio di igiene epidemiologia e sanit\u00e0 pubblica (SIESP)-Chieti|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/USA/HI-H200640/2020|2020-11-23|EPI_ISL_753164|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-2323/2020|2020-05-00|EPI_ISL_685928|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR4690/2020|2020-09-30|EPI_ISL_612312|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22414/2020|2020-11-18|EPI_ISL_708247|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Luxembourg/LNS5953507/2020|2020-04-15|EPI_ISL_434515|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr458/2020|2020-09-12|EPI_ISL_636893|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Wales/PHWC-24358/2020|2020-03-16|EPI_ISL_419400|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B96796/2020|2020-11-14|EPI_ISL_676139|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C782D4/2020|2020-12-15|EPI_ISL_756791|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Hardinxveld_Giessendam_1364806/2020|2020-03-02|EPI_ISL_413573|Original|hCoV-19^^Hardinxveld Giessendam|Human|Dienst Gezondheid & Jeugd Zuid-Holland Zuid|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A9625A/2020|2020-10-20|EPI_ISL_624833|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2657/2020|2020-06-06|EPI_ISL_545455|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B2D54F/2020|2020-11-04|EPI_ISL_659897|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008644/2020|2020-09-29|EPI_ISL_654212|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A68594/2020|2020-10-12|EPI_ISL_608390|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19525/2020|2020-11-17|EPI_ISL_783902|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MASPHL-00497/2020|2020-05-02|EPI_ISL_693073|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Germany/BE-ChVir-W2219-4467/2020|2020-11-16|EPI_ISL_753833|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/NY-NYCPHL-001258/2020|2020-11-06|EPI_ISL_683868|Original|hCoV-19^^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Northern Ireland/NIRE-10252C/2020|2020-04-17|EPI_ISL_469879|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0048/2020|2020-05-00|EPI_ISL_591390|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR3191/2020|2020-04-28|EPI_ISL_449212|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9752865/2020|2020-11-01|EPI_ISL_744978|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-3134/2020|2020-06-10|EPI_ISL_544017|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-9F90B6/2020|2020-09-27|EPI_ISL_600843|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-96223A/2020|2020-08-10|EPI_ISL_531594|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-5096/2020|2020-09-21|EPI_ISL_730348|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-0163/2020|2020-03-12|EPI_ISL_479873|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/reg-09201063/2020|2020-09-20|EPI_ISL_735005|Original|hCoV-19^^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Spain/GA-USC-004/2020|2020-04-29|EPI_ISL_468334|Original|hCoV-19^^Galicia|Human|Microbiology Service|Genomes & Disease|Garcia-Souto|Spain

>Spike|hCoV-19/England/204960124/2020|2020-12-02|EPI_ISL_723009|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-10F54D/2020|2020-04-02|EPI_ISL_433017|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B5CE6A/2020|2020-11-10|EPI_ISL_655650|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4817A4/2020|2020-10-17|EPI_ISL_613108|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1AAF/2020|2020-10-22|EPI_ISL_624527|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB0AF/2020|2020-11-20|EPI_ISL_701995|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CA3EB/2020|2020-04-10|EPI_ISL_442360|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Iceland/97/2020|2020-03-10|EPI_ISL_417876|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUA-962DB1/2020|2020-08-11|EPI_ISL_531674|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11455/2020|2020-11-02|EPI_ISL_670487|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S396/2020|2020-03-25|EPI_ISL_434156|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/WA-S293/2020|2020-04-01|EPI_ISL_430147|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-160173/2020|2020-05-25|EPI_ISL_472901|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003696/2020|2020-04-02|EPI_ISL_467257|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC3129/2020|2020-07-02|EPI_ISL_520836|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG569469/2020|2020-07-10|EPI_ISL_695570|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-10750/2020|2020-11-02|EPI_ISL_670182|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ukraine/203100323/2020|2020-05-27|EPI_ISL_512603|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/Chile/RM-171015/2020|2020-09-07|EPI_ISL_746726|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Denmark/DCGC-14241/2020|2020-11-30|EPI_ISL_711436|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BBE36/2020|2020-00-00|EPI_ISL_679241|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Sweden/20-08990/2020|2020-09-16|EPI_ISL_582772|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Switzerland/ZH-UZH-1000477916/2020|2020-03-01|EPI_ISL_524475|Original|hCoV-19^^Zurich|Human|Division of Infectious Diseases|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/Australia/VIC14202/2020|2020-08-02|EPI_ISL_592386|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A696EB/2020|2020-10-07|EPI_ISL_665686|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/NORW-F60B2/2020|2020-11-07|EPI_ISL_650345|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-B04599/2020|2020-10-24|EPI_ISL_651019|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10924/2020|2020-07-05|EPI_ISL_789685|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-1853971/2020|2020-04-16|EPI_ISL_492409|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1236/2020|2020-04-19|EPI_ISL_541154|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-B219B8/2020|2020-11-02|EPI_ISL_647146|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OH-UW-2398/2020|2020-12-05|EPI_ISL_754668|Original|hCoV-19^^Ohio|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/MILK-B97267/2020|2020-11-14|EPI_ISL_674997|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DABA/2020|2020-10-06|EPI_ISL_586630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV1366v1s1/2020|2020-11-13|EPI_ISL_791300|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Thailand/Bangkok-CONI-0316/2020|2020-03-25|EPI_ISL_693386|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/WA-UW-24736/2020|2020-08-16|EPI_ISL_570766|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-5025/2020|2020-08-00|EPI_ISL_690136|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG276758/2020|2020-04-16|EPI_ISL_694127|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-2DEC7/2020|2020-04-08|EPI_ISL_474318|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2189/2020|2020-06-08|EPI_ISL_497617|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Norway/4965/2020|2020-10-26|EPI_ISL_635081|Original|hCoV-19^^Vestlandet|Human|Haukeland University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Netherlands/ZH-EMC-499/2020|2020-08-25|EPI_ISL_577928|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-17092/2020|2020-12-14|EPI_ISL_750524|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C034F/2020|2020-03-29|EPI_ISL_420205|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1626AF/2020|2020-05-31|EPI_ISL_473104|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5460/2020|2020-09-21|EPI_ISL_620785|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9A50C/2020|2020-03-25|EPI_ISL_449341|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC16169/2020|2020-08-06|EPI_ISL_640950|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BL-ETHZ-420526/2020|2020-12-22|EPI_ISL_768068|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-13793/2020|2020-09-24|EPI_ISL_739285|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-3317/2020|2020-04-00|EPI_ISL_691432|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC2457/2020|2020-06-26|EPI_ISL_522163|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A582EB/2020|2020-10-07|EPI_ISL_597125|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B086DE/2020|2020-10-29|EPI_ISL_643800|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0260/2020|2020-04-03|EPI_ISL_453974|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WI-WSLH-200195/2020|2020-03-13|EPI_ISL_578419|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Wales/MILK-B0248F/2020|2020-10-24|EPI_ISL_647811|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12772/2020|2020-08-19|EPI_ISL_789864|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3013/2020|2020-04-00|EPI_ISL_691137|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-99A63D/2020|2020-08-29|EPI_ISL_550344|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19060/2020|2020-12-07|EPI_ISL_748728|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-QDX-2323/2020|2020-03-16|EPI_ISL_604631|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LEED-2AA09D/2020|2020-04-08|EPI_ISL_538889|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-71C7F/2020|2020-03-31|EPI_ISL_439650|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/204191995/2020|2020-10-11|EPI_ISL_603195|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/LI-EMC-157/2020|2020-11-27|EPI_ISL_763125|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/MH-NCDC-02315/2020|2020-03-29|EPI_ISL_435086|Original|hCoV-19^^Maharashtra|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/USA/CA-QDX-1517/2020|2020-03-17|EPI_ISL_603770|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-95C5B2/2020|2020-06-20|EPI_ISL_554960|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13530/2020|2020-11-30|EPI_ISL_712858|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012972605/2020|2020-08-17|EPI_ISL_746012|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B0E5DB/2020|2020-11-01|EPI_ISL_642169|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1715/2020|2020-09-03|EPI_ISL_614125|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-4A433E/2020|2020-12-16|EPI_ISL_764681|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02300/2020|2020-09-00|EPI_ISL_671557|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Northern Ireland/NIRE-FD613/2020|2020-05-01|EPI_ISL_489303|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-6984/2020|2020-09-02|EPI_ISL_582911|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Sweden/20-07013/2020|2020-04-07|EPI_ISL_434662|Original|hCoV-19^^Vastra Gotaland|Human|Omtanken Grimmered|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-18794/2020|2020-12-07|EPI_ISL_748170|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B7395D/2020|2020-11-12|EPI_ISL_664756|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/TAS275/2020|2020-04-18|EPI_ISL_522704|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9A530B/2020|2020-09-02|EPI_ISL_550026|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-10003SN/2020|2020-03-00|EPI_ISL_447719|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/Vietnam/VNHN_3916/2020|2020-03-31|EPI_ISL_455704|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/USA/TX-HMH-4489/2020|2020-06-19|EPI_ISL_543662|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-SLB3095/2020|2020-04-17|EPI_ISL_717747|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUEH-B9E02A/2020|2020-11-18|EPI_ISL_721034|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-95F4FE/2020|2020-08-08|EPI_ISL_532515|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9778/2020|2020-07-06|EPI_ISL_780272|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-CB2DFB/2020|2020-12-03|EPI_ISL_760922|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0020/2020|2020-03-15|EPI_ISL_513433|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/ALDP-B737EA/2020|2020-11-12|EPI_ISL_664859|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/BRIS-12EE4D/2020|2020-04-21|EPI_ISL_488409|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A4F9C4/2020|2020-10-07|EPI_ISL_597611|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDF69/2020|2020-06-12|EPI_ISL_584550|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Ireland/SO-NVRL-73IRL72886/2020|2020-09-14|EPI_ISL_639834|Original|hCoV-19^^Sligo|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Finland/1LS16D10/2020|2020-10-01|EPI_ISL_757351|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/CA-SR0205/2020|2020-03-21|EPI_ISL_437581|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49D5F6/2020|2020-12-11|EPI_ISL_742807|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AAB4B6/2020|2020-10-21|EPI_ISL_652793|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/ARA-73624/2020|2020-09-16|EPI_ISL_692753|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Netherlands/NA_72/2020|2020-03-10|EPI_ISL_422832|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-6319/2020|2020-08-00|EPI_ISL_689430|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16890/2020|2020-12-14|EPI_ISL_750210|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC9874/2020|2020-08-07|EPI_ISL_565756|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0212/2020|2020-05-18|EPI_ISL_698398|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUH-B10E62/2020|2020-11-02|EPI_ISL_642367|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B73647/2020|2020-11-12|EPI_ISL_662418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/KE-NVRL-72IRL19153/2020|2020-08-13|EPI_ISL_528479|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/WA-S1572/2020|2020-05-26|EPI_ISL_495998|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-5117/2020|2020-09-21|EPI_ISL_621655|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-E8C0A/2020|2020-04-14|EPI_ISL_448291|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Germany/BW-MVZ-LS-18/2020|2020-04-07|EPI_ISL_640236|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/England/QEUA-A8C433/2020|2020-10-18|EPI_ISL_643086|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCBE91/2020|2020-11-22|EPI_ISL_724472|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-C2FEBA/2020|2020-12-07|EPI_ISL_782775|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D0D00/2020|2020-04-27|EPI_ISL_475275|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164106/2020|2020-05-02|EPI_ISL_474129|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM77922729/2020|2020-11-30|EPI_ISL_753518|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/HI-H200076/2020|2020-06-12|EPI_ISL_752644|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-9ED4AA/2020|2020-05-05|EPI_ISL_589562|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3150/2020|2020-06-10|EPI_ISL_544028|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-234C0D/2020|2020-10-16|EPI_ISL_763573|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-B22FC4/2020|2020-11-02|EPI_ISL_647377|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7029/2020|2020-08-00|EPI_ISL_688134|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-AF72A2/2020|2020-10-29|EPI_ISL_662745|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1019/2020|2020-04-10|EPI_ISL_436660|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/MILK-ABB969/2020|2020-10-21|EPI_ISL_623459|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D9808/2020|2020-04-14|EPI_ISL_487637|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Oman/RESP-20-1189/2020|2020-03-02|EPI_ISL_457706|Original|hCoV-19^^Muscat|Human|Oman-NIC|Oman-NIC|Al Mahruqi|Oman

>Spike|hCoV-19/Netherlands/NA_640/2020|2020-05-03|EPI_ISL_461075|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-A7CB31/2020|2020-10-15|EPI_ISL_606495|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B917B/2020|2020-00-00|EPI_ISL_704413|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A676D/2020|2020-12-17|EPI_ISL_765070|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7AAF4/2020|2020-04-07|EPI_ISL_433839|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/NSW1135/2020|2020-04-27|EPI_ISL_593746|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/NORT-28C899/2020|2020-05-16|EPI_ISL_478604|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/BRIS-128CFE/2020|2020-04-14|EPI_ISL_458891|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-846947/2020|2020-07-16|EPI_ISL_557292|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BA29FB/2020|2020-11-18|EPI_ISL_672840|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/rega-0803753/2020|2020-08-03|EPI_ISL_734897|Original|hCoV-19^^Merksem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Spain/AN-IBV-002901/2020|2020-03-18|EPI_ISL_474938|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Panama/331186/2020|2020-03-06|EPI_ISL_496681|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Japan/PG-1009/2020|2020-03-00|EPI_ISL_684619|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Gambia/NPHL-2909/2020|2020-07-26|EPI_ISL_561304|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/MILK-BAABB1/2020|2020-11-18|EPI_ISL_681554|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-125198/2020|2020-03-25|EPI_ISL_443812|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F16C/2020|2020-11-07|EPI_ISL_681051|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/SAP367/2020|2020-03-29|EPI_ISL_483138|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/South Africa/R10478/2020|2020-06-04|EPI_ISL_490279|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Australia/VIC13553/2020|2020-08-03|EPI_ISL_563750|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14706/2020|2020-10-01|EPI_ISL_787991|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-8315/2020|2020-08-00|EPI_ISL_687414|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9CD1B8/2020|2020-09-16|EPI_ISL_566118|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/PSK-RII-MH6191S/2020|2020-11-13|EPI_ISL_733361|Original|hCoV-19^^Pskov|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/MILK-AC85B0/2020|2020-10-21|EPI_ISL_629234|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAE820/2020|2020-10-22|EPI_ISL_630951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-945640/2020|2020-07-15|EPI_ISL_556796|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-969673/2020|2020-08-14|EPI_ISL_581406|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C065E1/2020|2020-12-05|EPI_ISL_709421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0567/2020|2020-11-14|EPI_ISL_661256|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/NOTT-11F94E/2020|2020-11-27|EPI_ISL_725588|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4308/2020|2020-09-29|EPI_ISL_648958|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-B6693F/2020|2020-11-11|EPI_ISL_662306|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2347/2020|2020-08-10|EPI_ISL_617685|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/GC19-3301/2020|2020-07-27|EPI_ISL_561059|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/CT-Yale-114/2020|2020-04-10|EPI_ISL_431082|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-1055/2020|2020-03-16|EPI_ISL_614686|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20182001304/2020|2020-04-24|EPI_ISL_527357|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/USA/VI-CDC-4022/2020|2020-04-17|EPI_ISL_454643|Original|hCoV-19^^Virgin Islands|Human|VI-US Virgin Islands Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Peru/ANC-INS-051/2020|2020-04-12|EPI_ISL_516685|Original|hCoV-19^^Ancash|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru

>Spike|hCoV-19/Ecuador/USFQ-106/2020|2020-05-19|EPI_ISL_471271|Original|hCoV-19^^Quito|Human|Hospital Oncol\u00f3gico Solca N\u00facleo de Quito|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/Scotland/CVR2542/2020|2020-04-16|EPI_ISL_490692|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/VA_NIDDL_2896/2020|2020-04-02|EPI_ISL_491921|Original|hCoV-19^^Virginia|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/USA/MI-UM-10036802563/2020|2020-11-05|EPI_ISL_707842|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/LIVE-993C7/2020|2020-04-08|EPI_ISL_439716|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B30AB3/2020|2020-11-03|EPI_ISL_659946|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200465/2020|2020-10-12|EPI_ISL_753008|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/TX-DSHS-1571/2020|2020-06-24|EPI_ISL_681855|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-B10837/2020|2020-11-02|EPI_ISL_641895|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A308/2020|2020-04-02|EPI_ISL_441810|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB_293PT/2020|2020-11-03|EPI_ISL_653787|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/ALDP-952EEE/2020|2020-06-11|EPI_ISL_553668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139043604/2020|2020-03-28|EPI_ISL_420679|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001054/2020|2020-07-18|EPI_ISL_509312|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-7016/2020|2020-08-00|EPI_ISL_688121|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-5B9E70/2020|2020-06-15|EPI_ISL_558815|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2357DE/2020|2020-11-05|EPI_ISL_742145|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Sichuan/SC-PHCC1-035/2020|2020-02-07|EPI_ISL_451356|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/WA-S659/2020|2020-04-21|EPI_ISL_438212|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-5CA7F9/2020|2020-06-19|EPI_ISL_558447|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10462/2020|2020-11-02|EPI_ISL_669990|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10430/2020|2020-08-14|EPI_ISL_581608|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-B23F1E/2020|2020-11-04|EPI_ISL_646363|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1971/2020|2020-04-08|EPI_ISL_433665|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-79415/2020|2020-04-03|EPI_ISL_441147|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-5372S/2020|2020-06-05|EPI_ISL_569770|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/MILK-AB8674/2020|2020-10-21|EPI_ISL_623214|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB549/2020|2020-11-18|EPI_ISL_681407|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F956C/2020|2020-09-25|EPI_ISL_589061|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03274/2020|2020-10-22|EPI_ISL_765768|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-19520/2020|2020-12-07|EPI_ISL_748378|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12ED31/2020|2020-04-22|EPI_ISL_488257|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BARJ-CVASU-CTG-517/2020|2020-05-03|EPI_ISL_450344|Original|hCoV-19^^Chittagong|Human|Bangladesh Institute of Tropical & Infectious Diseases|Basic and Applied Research on Jute Project|Ahmed|Bangladesh

>Spike|hCoV-19/USA/UT-UPHL-201227657/2020|2020-03-31|EPI_ISL_672552|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/HI-H200057/2020|2020-05-28|EPI_ISL_752642|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMC-B78ED1/2020|2020-11-13|EPI_ISL_668068|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000558/2020|2020-03-27|EPI_ISL_632017|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/VI-CDC-4367/2020|2020-04-25|EPI_ISL_454650|Original|hCoV-19^^Virgin Islands|Human|VI-US Virgin Islands Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/WI-WSLH-200685/2020|2020-09-10|EPI_ISL_631442|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-950509/2020|2020-06-18|EPI_ISL_555283|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A2D4/2020|2020-12-01|EPI_ISL_727524|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6835E/2020|2020-10-12|EPI_ISL_608858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00238518/2020|2020-03-25|EPI_ISL_536209|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Morocco/RMPS-03/2020|2020-04-03|EPI_ISL_469051|Original|hCoV-19^^Morocco|Human|LNR National Reference Laboratory|Medical Biotechnology Laboratory|Kartti|Morocco

>Spike|hCoV-19/England/ALDP-9CC3C2/2020|2020-09-16|EPI_ISL_573104|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20670/2020|2020-12-21|EPI_ISL_759288|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Israel/2113155/2020|2020-04-15|EPI_ISL_447349|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/USA/TX-HMH-MCoV-18285/2020|2020-11-17|EPI_ISL_784633|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1608/2020|2020-09-17|EPI_ISL_605485|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-4A5449/2020|2020-12-15|EPI_ISL_764866|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10872/2020|2020-08-04|EPI_ISL_583112|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC17119/2020|2020-08-06|EPI_ISL_663742|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-1196F2/2020|2020-11-02|EPI_ISL_627713|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/EDB4756/2020|2020-05-10|EPI_ISL_453149|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B5274/2020|2020-09-03|EPI_ISL_590253|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7DA24/2020|2020-10-16|EPI_ISL_638461|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BIRM-60CFB/2020|2020-07-12|EPI_ISL_529590|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8082/2020|2020-06-30|EPI_ISL_784185|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-1297/2020|2020-03-00|EPI_ISL_684905|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-07034/2020|2020-04-06|EPI_ISL_434664|Original|hCoV-19^^Vastra Gotaland|Human|Omtanken Grimmered|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-18872/2020|2020-12-07|EPI_ISL_748176|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/NL_34/2020|2020-03-15|EPI_ISL_429815|Original|hCoV-19^^Newfoundland and Labrador|Human|Public Health Laboratory|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/Germany/NW-HHU-175/2020|2020-03-25|EPI_ISL_602497|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Scotland/EDB020/2020|2020-03-14|EPI_ISL_425826|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/204441447/2020|2020-10-25|EPI_ISL_637154|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-C934A0/2020|2020-12-15|EPI_ISL_761998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3710/2020|2020-05-26|EPI_ISL_473765|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1621/2020|2020-09-04|EPI_ISL_594311|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-ACD3B1/2020|2020-10-21|EPI_ISL_634501|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9A44EB/2020|2020-09-01|EPI_ISL_540231|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2C8B0/2020|2020-11-03|EPI_ISL_646726|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8952/2020|2020-07-28|EPI_ISL_565306|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-B0DA64/2020|2020-11-02|EPI_ISL_649518|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1501/2020|2020-06-22|EPI_ISL_683416|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/SHEF-CF595/2020|2020-05-18|EPI_ISL_462070|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20032/2020|2020-12-07|EPI_ISL_747942|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7278/2020|2020-08-00|EPI_ISL_688381|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8718/2020|2020-10-26|EPI_ISL_625711|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A4F89/2020|2020-02-28|EPI_ISL_499843|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8059/2020|2020-10-26|EPI_ISL_617073|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-AD3127/2020|2020-10-26|EPI_ISL_633812|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6735/2020|2020-04-20|EPI_ISL_622355|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002319/2020|2020-07-22|EPI_ISL_515695|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MN-CDC-2-3714282/2020|2020-11-18|EPI_ISL_751641|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/South Korea/KCDC2523/2020|2020-06-16|EPI_ISL_514926|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/ALAB-SSI29/2020|2020-03-03|EPI_ISL_429447|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/France/BRE-8946/2020|2020-08-06|EPI_ISL_560613|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Northern Ireland/NIRE-109376/2020|2020-10-20|EPI_ISL_650898|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA434/2020|2020-09-24|EPI_ISL_580057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S942/2020|2020-04-27|EPI_ISL_463432|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-36B1F/2020|2020-05-01|EPI_ISL_474762|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_13704688/2020|2020-04-00|EPI_ISL_467423|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Spain/CM-ISCIII-202018234/2020|2020-03-22|EPI_ISL_539527|Original|hCoV-19^^Castilla La Mancha|Human|Consejeria de Sanidad y Asuntos Sociales|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/MILK-ACF3A0/2020|2020-10-21|EPI_ISL_629539|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9FB0B4/2020|2020-09-29|EPI_ISL_588075|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1960/2020|2020-10-07|EPI_ISL_644883|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-5C7DCD/2020|2020-06-19|EPI_ISL_558441|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-200217-01/2020|2020-06-23|EPI_ISL_677052|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Spain/PV-IBV-004308/2020|2020-06-11|EPI_ISL_510423|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/MI-MDHHS-SC22605/2020|2020-11-18|EPI_ISL_737178|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Romania/ROSV_3561/2020|2020-04-21|EPI_ISL_491070|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Australia/VIC7445/2020|2020-07-23|EPI_ISL_564419|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/ULG-10892/2020|2020-11-14|EPI_ISL_678434|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Germany/HH-hpi-p1977/2020|2020-03-26|EPI_ISL_775631|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Iceland/511/2020|2020-03-20|EPI_ISL_424533|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/MA-MGH-01107/2020|2020-05-01|EPI_ISL_791875|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01794/2020|2020-07-00|EPI_ISL_636944|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-B8E791/2020|2020-11-13|EPI_ISL_674102|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21238/2020|2020-04-07|EPI_ISL_507493|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-B250DD/2020|2020-11-04|EPI_ISL_646660|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0487/2020|2020-10-22|EPI_ISL_622819|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/AZ-TG371443/2020|2020-05-30|EPI_ISL_694600|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/LIVE-A398C/2020|2020-06-10|EPI_ISL_490391|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19567/2020|2020-12-07|EPI_ISL_749031|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7F190/2020|2020-04-07|EPI_ISL_443010|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-5211/2020|2020-08-00|EPI_ISL_690314|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-06239/2020|2020-04-23|EPI_ISL_493121|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUH-B6850C/2020|2020-11-11|EPI_ISL_655099|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0792/2020|2020-08-04|EPI_ISL_614385|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/England/BIRM-6C03F/2020|2020-10-31|EPI_ISL_679130|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25612/2020|2020-03-23|EPI_ISL_422296|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-1708E4/2020|2020-03-25|EPI_ISL_501633|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S47/2020|2020-03-18|EPI_ISL_586412|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MI-QDX-58/2020|2020-03-15|EPI_ISL_467871|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-9F9BE2/2020|2020-09-27|EPI_ISL_595753|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI407/2020|2020-03-10|EPI_ISL_429501|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-A18997/2020|2020-10-03|EPI_ISL_612198|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-0083/2020|2020-03-00|EPI_ISL_684114|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/GJ-GBRC-339/2020|2020-07-09|EPI_ISL_512077|Original|hCoV-19^^Gujarat|Human|Dr. RSS Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/ALDP-A51D87/2020|2020-10-07|EPI_ISL_598139|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC136b/2020|2020-05-24|EPI_ISL_458093|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/South Korea/KCDC2088/2020|2020-02-22|EPI_ISL_497989|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/CA-SCCPHD-UC191/2020|2020-03-19|EPI_ISL_435670|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/USA/FL-BPHL-0973/2020|2020-07-29|EPI_ISL_517863|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-BBFFCC/2020|2020-11-22|EPI_ISL_705111|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-F415E7/2020|2020-12-14|EPI_ISL_764572|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-96F08E/2020|2020-08-16|EPI_ISL_530457|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11893/2020|2020-09-30|EPI_ISL_672111|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Belgium/ULG-10120/2020|2020-04-07|EPI_ISL_427368|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/LIVE-9C889/2020|2020-03-23|EPI_ISL_449588|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1B640C/2020|2020-00-00|EPI_ISL_576905|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-B23840/2020|2020-11-04|EPI_ISL_646881|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-553/2020|2020-06-21|EPI_ISL_484928|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/CA-ALSR-0623-IPL/2020|2020-04-21|EPI_ISL_483263|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/NY-Wadsworth-264208-01/2020|2020-11-05|EPI_ISL_754519|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/SHEF-C01CD/2020|2020-03-26|EPI_ISL_420229|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom
>Spike|hCoV-19/mink/Denmark/KL14-Farm1/2020|2020-06-17|EPI_ISL_626351|Original|hCoV-19^^Denmark|Neovison vison|Statens Serum Institute|Statens Serum Institute|Rasmussen|Denmark
>Spike|hCoV-19/England/CAMC-B98D56/2020|2020-11-15|EPI_ISL_673847|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Morocco/FMP-28/2020|2020-12-00|EPI_ISL_728359|Original|hCoV-19^^Rabat|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouadghiri|Morocco
>Spike|hCoV-19/England/ALDP-B27132/2020|2020-11-04|EPI_ISL_664240|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/PORT-2EE631/2020|2020-11-18|EPI_ISL_741718|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-03751/2020|2020-04-03|EPI_ISL_575102|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/South Africa/R12579-20/2020|2020-06-16|EPI_ISL_504195|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/England/QEUH-9FAC39/2020|2020-09-28|EPI_ISL_588126|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-C1988/2020|2020-09-07|EPI_ISL_540721|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Belgium/rega-0803740/2020|2020-08-03|EPI_ISL_734891|Original|hCoV-19^^Antwerpen|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/USA/TX-HMH-3648/2020|2020-06-15|EPI_ISL_543094|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-8215/2020|2020-07-07|EPI_ISL_784270|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/201080005/2020|2020-03-05|EPI_ISL_464420|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-21802/2020|2020-12-21|EPI_ISL_758372|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-11837/2020|2020-10-26|EPI_ISL_670545|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/SC-20-1167-T07/2020|2020-06-24|EPI_ISL_516752|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA
>Spike|hCoV-19/Netherlands/NoordBrabant_10045/2020|2020-04-07|EPI_ISL_454794|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/OXON-B0A89/2020|2020-04-17|EPI_ISL_478932|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-B41220/2020|2020-11-08|EPI_ISL_658722|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B5DE/2020|2020-10-30|EPI_ISL_643441|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8706/2020|2020-10-26|EPI_ISL_626033|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00495/2020|2020-05-03|EPI_ISL_693075|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Denmark/DCGC-17513/2020|2020-12-14|EPI_ISL_751033|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AK-PHL480/2020|2020-06-12|EPI_ISL_560564|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/France/NAQ-SC206/2020|2020-03-07|EPI_ISL_649960|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/CVR164/2020|2020-03-17|EPI_ISL_425703|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20156042904/2020|2020-04-09|EPI_ISL_466316|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Ireland/RN-NVRL-75IRL84062/2020|2020-10-13|EPI_ISL_671929|Original|hCoV-19^^Roscommon|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Spain/IB-IBV-99011581/2020|2020-12-10|EPI_ISL_779861|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/VA-DCLS-1265/2020|2020-08-12|EPI_ISL_529955|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Netherlands/Overijssel_1/2020|2020-03-03|EPI_ISL_414434|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NM-DOH-2020313047/2020|2020-08-26|EPI_ISL_574261|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-1772/2020|2020-07-06|EPI_ISL_618187|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-131/2020|2020-04-04|EPI_ISL_471543|Original|hCoV-19^^S\u00e3o Paulo|Human|Centro de Saude I Tacito Leite de Carvalho e Silva|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/ALDP-B23A4A/2020|2020-11-04|EPI_ISL_646803|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/DL-NVRL-20G49337/2020|2020-04-06|EPI_ISL_666696|Original|hCoV-19^^Donegal|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium-Teagasc Grange|McCabe|Ireland

>Spike|hCoV-19/USA/MI-MDHHS-SC22007/2020|2020-08-26|EPI_ISL_577569|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/CVR4313/2020|2020-09-16|EPI_ISL_572624|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC9494/2020|2020-08-16|EPI_ISL_565574|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-UM-10036757137/2020|2020-11-03|EPI_ISL_682185|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Australia/VIC12905/2020|2020-07-27|EPI_ISL_640943|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/EXET-136CB1/2020|2020-04-20|EPI_ISL_471911|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1671/2020|2020-03-09|EPI_ISL_621825|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-84C4C/2020|2020-03-12|EPI_ISL_440529|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1736/2020|2020-06-20|EPI_ISL_710392|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Germany/SH-ChVir20047/2020|2020-11-06|EPI_ISL_729662|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/TX_GCID_192000088/2020|2020-03-23|EPI_ISL_445081|Original|hCoV-19^^Texas|Human|Baylor College of Medicine|Baylor College of Medicine|Skinner|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20120/2020|2020-03-13|EPI_ISL_436810|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WI-UW-1667/2020|2020-09-16|EPI_ISL_605541|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NORW-F1169/2020|2020-10-17|EPI_ISL_626964|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3348/2020|2020-10-22|EPI_ISL_624162|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5ADE51/2020|2020-06-17|EPI_ISL_558670|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2498/2020|2020-00-00|EPI_ISL_579253|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-47EFA2/2020|2020-10-13|EPI_ISL_612611|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC3297/2020|2020-07-06|EPI_ISL_520976|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-958167/2020|2020-06-14|EPI_ISL_554643|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4183/2020|2020-07-00|EPI_ISL_692422|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/MC-030689/2020|2020-03-06|EPI_ISL_420345|Original|hCoV-19^^Couvin|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-8655/2020|2020-10-26|EPI_ISL_625967|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-95C8D7/2020|2020-06-20|EPI_ISL_553354|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7853/2020|2020-09-20|EPI_ISL_572777|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WA-UW-45188/2020|2020-12-07|EPI_ISL_747231|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B8EF4E/2020|2020-11-13|EPI_ISL_675439|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW272/2020|2020-04-04|EPI_ISL_451537|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC10611/2020|2020-08-04|EPI_ISL_562989|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA_5030/2020|2020-02-27|EPI_ISL_419555|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUA-A89C89/2020|2020-10-16|EPI_ISL_638819|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Iran/SA-Isf-25/2020|2020-06-06|EPI_ISL_672578|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh, S.|Iran

>Spike|hCoV-19/England/MILK-A9195A/2020|2020-10-19|EPI_ISL_705997|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-004919/2020|2020-03-13|EPI_ISL_481103|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/BIRM-60921/2020|2020-06-08|EPI_ISL_483905|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-8731/2020|2020-08-00|EPI_ISL_686327|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0859/2020|2020-03-27|EPI_ISL_511118|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/Scotland/CVR3285/2020|2020-05-02|EPI_ISL_493849|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B99915/2020|2020-11-15|EPI_ISL_673699|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169EBF/2020|2020-08-30|EPI_ISL_529709|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B6991E/2020|2020-11-11|EPI_ISL_661381|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9B547/2020|2020-04-02|EPI_ISL_449459|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/OXON-B4821/2020|2020-04-02|EPI_ISL_534978|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORT-293510/2020|2020-06-24|EPI_ISL_499568|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/AZ-TG382200/2020|2020-06-15|EPI_ISL_694682|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-5790/2020|2020-09-28|EPI_ISL_620977|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B84564/2020|2020-11-14|EPI_ISL_675261|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2053/2020|2020-06-27|EPI_ISL_653206|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Spain/VC-IBV-98003640/2020|2020-03-13|EPI_ISL_538644|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-UW-22112/2020|2020-08-04|EPI_ISL_570626|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUA-A1EA07/2020|2020-10-01|EPI_ISL_598851|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-A47B4E/2020|2020-10-05|EPI_ISL_609279|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-CDC-9756/2020|2020-04-28|EPI_ISL_509693|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Portugal/PT1641/2020|2020-11-10|EPI_ISL_731950|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Austria/CeMM0565/2020|2020-04-15|EPI_ISL_475915|Original|hCoV-19^^Austria|Human|Klinikum Wels-Grieskirchen|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Nigeria/OS-CV300/2020|2020-08-31|EPI_ISL_729978|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1648/2020|2020-08-17|EPI_ISL_700493|Original|hCoV-19^^Western Cape|Human|Groote Schuur Hospital w GSH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Japan/PG-5385/2020|2020-08-00|EPI_ISL_690488|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9DD021/2020|2020-09-21|EPI_ISL_599619|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/PE-IAM109/2020|2020-04-08|EPI_ISL_572334|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Japan/PG-2029/2020|2020-04-00|EPI_ISL_685634|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A41F39/2020|2020-10-06|EPI_ISL_609382|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9B76FE/2020|2020-09-08|EPI_ISL_602110|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664269/2020|2020-04-28|EPI_ISL_696070|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/UT-UPHL-03795/2020|2020-04-04|EPI_ISL_560923|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7584/2020|2020-11-00|EPI_ISL_740733|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/CA-CZB-13844/2020|2020-08-17|EPI_ISL_738835|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/LA-EVTL827/2020|2020-07-28|EPI_ISL_653518|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/OXON-B3725/2020|2020-04-01|EPI_ISL_534883|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-BCD444/2020|2020-11-26|EPI_ISL_704267|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1853522/2020|2020-04-07|EPI_ISL_492304|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B7D7D1/2020|2020-11-14|EPI_ISL_741880|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10677/2020|2020-07-09|EPI_ISL_789188|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19535/2020|2020-11-17|EPI_ISL_783911|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/D-NVRL-MPW25565/2020|2020-04-11|EPI_ISL_767755|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Northern Ireland/NIRE-1082D4/2020|2020-03-31|EPI_ISL_585183|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/NORT-28D2D6/2020|2020-11-16|EPI_ISL_706336|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A81D24/2020|2020-10-13|EPI_ISL_625296|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7845/2020|2020-10-19|EPI_ISL_618777|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BA9B67/2020|2020-11-17|EPI_ISL_681578|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7940/2020|2020-10-26|EPI_ISL_618878|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SO-ETHZ-410283/2020|2020-12-15|EPI_ISL_737504|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CDPH075/2020|2020-07-20|EPI_ISL_754961|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18502/2020|2020-11-19|EPI_ISL_784850|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-B2492E/2020|2020-11-04|EPI_ISL_646816|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4077/2020|2020-08-31|EPI_ISL_535168|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9941D8/2020|2020-08-24|EPI_ISL_551646|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-112C15/2020|2020-04-30|EPI_ISL_493600|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20905/2020|2020-04-29|EPI_ISL_476041|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-AA185A/2020|2020-10-22|EPI_ISL_624973|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D0C8/2020|2020-12-10|EPI_ISL_742731|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Taiwan/TSGH-34/2020|2020-04-01|EPI_ISL_447593|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/England/QEUA-9AF36B/2020|2020-09-01|EPI_ISL_559838|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18707/2020|2020-11-22|EPI_ISL_785055|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1675/2020|2020-04-05|EPI_ISL_433649|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-243/2020|2020-03-10|EPI_ISL_437658|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-B3E1A1/2020|2020-11-01|EPI_ISL_706265|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F11E/2020|2020-12-01|EPI_ISL_743168|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/RS-15290/2020|2020-08-15|EPI_ISL_729799|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Belgium/ULG-10589/2020|2020-10-23|EPI_ISL_626295|Original|hCoV-19^^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/mink/Netherlands/NB-EMC-17-19/2020|2020-07-02|EPI_ISL_523037|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Chile/RM-CMM-0263M/2020|2020-04-28|EPI_ISL_629016|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Centro de Biotecnología Vegetal|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma Vera|Chile

>Spike|hCoV-19/England/ALDP-AA54F8/2020|2020-10-22|EPI_ISL_625025|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DEAC/2020|2020-09-29|EPI_ISL_585635|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NJ-QDX-1253/2020|2020-03-16|EPI_ISL_571980|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-AB15AB/2020|2020-10-23|EPI_ISL_623832|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2615/2020|2020-06-19|EPI_ISL_497247|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/France/ARA-117740/2020|2020-12-09|EPI_ISL_745375|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Australia/VIC3075/2020|2020-07-10|EPI_ISL_520782|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-21119/2020|2020-12-21|EPI_ISL_758801|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6139/2020|2020-08-00|EPI_ISL_689251|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16099/2020|2020-11-16|EPI_ISL_714125|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-H12-LP20-2327/2020|2020-03-11|EPI_ISL_428677|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/LIVE-DC687A/2020|2020-11-23|EPI_ISL_703275|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20836/2020|2020-04-21|EPI_ISL_471857|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/BC-BCCDC-6427/2020|2020-10-00|EPI_ISL_740580|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/VA-DCLS-1354/2020|2020-07-03|EPI_ISL_572267|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Japan/PG-4198/2020|2020-07-00|EPI_ISL_692437|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1314/2020|2020-03-24|EPI_ISL_495613|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-5980/2020|2020-09-21|EPI_ISL_621089|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-927/2020|2020-03-22|EPI_ISL_571632|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/NSW183/2020|2020-03-22|EPI_ISL_427714|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/AZ-TG654362/2020|2020-04-11|EPI_ISL_695999|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/NM-DOH-2020329356/2020|2020-09-04|EPI_ISL_575326|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/England/QEUEH-96ADC8/2020|2020-08-14|EPI_ISL_531377|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99229/2020|2020-11-15|EPI_ISL_673334|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAA8CA/2020|2020-10-21|EPI_ISL_652717|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0545/2020|2020-03-31|EPI_ISL_508748|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/ALDP-B24F68/2020|2020-11-04|EPI_ISL_646738|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12870C/2020|2020-04-15|EPI_ISL_458793|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C5580/2020|2020-04-29|EPI_ISL_475383|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49CADA/2020|2020-12-04|EPI_ISL_742643|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4882BB/2020|2020-10-28|EPI_ISL_639375|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-211/2020|2020-06-27|EPI_ISL_699865|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/WI-WSLH-200299/2020|2020-04-17|EPI_ISL_578483|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Netherlands/NB-EMC-402/2020|2020-00-00|EPI_ISL_722479|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/BRIS-12CE9A/2020|2020-04-24|EPI_ISL_481933|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3793/2020|2020-07-12|EPI_ISL_520510|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7137/2020|2020-06-29|EPI_ISL_546537|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-274AD/2020|2020-03-31|EPI_ISL_432282|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0051/2020|2020-03-25|EPI_ISL_515333|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/ALDP-927CAC/2020|2020-06-22|EPI_ISL_552838|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7875/2020|2020-10-26|EPI_ISL_618859|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S2351/2020|2020-06-13|EPI_ISL_496983|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-18418/2020|2020-12-07|EPI_ISL_749234|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC12929/2020|2020-07-28|EPI_ISL_592112|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/BW-ChVir-1577/2020|2020-02-25|EPI_ISL_412912|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|State Health Office Baden-W\u00fcrtemberg|Charite\u0301 Universita\u0308tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Malaysia/2982/2020|2020-03-29|EPI_ISL_506998|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/England/20139059004/2020|2020-03-28|EPI_ISL_420727|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC2669/2020|2020-07-02|EPI_ISL_521511|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-103F0F/2020|2020-04-08|EPI_ISL_482134|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201290032/2020|2020-03-21|EPI_ISL_423978|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004342/2020|2020-03-25|EPI_ISL_654478|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-494BFD/2020|2020-11-22|EPI_ISL_726230|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08619/2020|2020-05-06|EPI_ISL_524359|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LOND-D4C01/2020|2020-04-14|EPI_ISL_449663|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-261035-01/2020|2020-11-02|EPI_ISL_754512|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-14685/2020|2020-11-23|EPI_ISL_711910|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/GE-ETHZ-360137/2020|2020-11-06|EPI_ISL_693916|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-02538/2020|2020-04-24|EPI_ISL_487199|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/India/TG-CCMB-M135/2020|2020-06-06|EPI_ISL_495184|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/MILK-A7B32B/2020|2020-10-14|EPI_ISL_607499|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20140002604/2020|2020-03-28|EPI_ISL_423372|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL848/2020|2020-07-28|EPI_ISL_653539|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-B9A422/2020|2020-11-15|EPI_ISL_673246|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC735/2020|2020-03-25|EPI_ISL_451450|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Italy/VEN-IZSV-9/2020|2020-03-17|EPI_ISL_496482|Original|hCoV-19^^Veneto|Human|Dept. Infectious|1) Dept. Infectious|Mori|Italy

>Spike|hCoV-19/USA/MI-MDHHS-SC20855/2020|2020-05-08|EPI_ISL_471876|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03801/2020|2020-11-00|EPI_ISL_775062|Original|hCoV-19^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Germany/NW-HHU-70/2020|2020-03-27|EPI_ISL_523941|Original|hCoV-19^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Colombia/VAC-INS-96183/2020|2020-04-01|EPI_ISL_456147|Original|hCoV-19^Valle del Cauca|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Diedrich|Colombia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12087/2020|2020-09-17|EPI_ISL_790195|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7A508/2020|2020-10-15|EPI_ISL_606696|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Czech Republic/IAB_9/2020|2020-03-28|EPI_ISL_426886|Original|hCoV-19^Czech Republic|Human|Motol University Hospital|Institute of Applied Biotechnologies a.s.|Broz|Czech Republic

>Spike|hCoV-19/Luxembourg/LNS7903628/2020|2020-10-23|EPI_ISL_744650|Original|hCoV-19^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/ZH-ETHZ-210034/2020|2020-07-22|EPI_ISL_510775|Original|hCoV-19^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/reg-09171052/2020|2020-09-17|EPI_ISL_734974|Original|hCoV-19^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Luxembourg/LNS4295690/2020|2020-04-01|EPI_ISL_428959|Original|hCoV-19^Luxembourg|Human|Laboratoire National de Santé|Laboratoire National de Santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MD-MDH-0530/2020|2020-12-01|EPI_ISL_778907|Original|hCoV-19^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/MILK-A6BF39/2020|2020-10-09|EPI_ISL_609110|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45DD0/2020|2020-11-07|EPI_ISL_656222|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A6759/2020|2020-09-01|EPI_ISL_549955|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/KV77-04/2020|2020-04-22|EPI_ISL_462438|Original|hCoV-19^Kraljevo|Human|unknown|Laboratory Diagnostic|Vidanovic|Serbia

>Spike|hCoV-19/Scotland/EDB8588/2020|2020-10-21|EPI_ISL_651969|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9918/2020|2020-07-06|EPI_ISL_780339|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-2570/2020|2020-08-17|EPI_ISL_617869|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A853F1/2020|2020-10-17|EPI_ISL_610322|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1618/2020|2020-03-16|EPI_ISL_603989|Original|hCoV-19^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Northern Ireland/NIRE-2330B7/2020|2020-09-27|EPI_ISL_680253|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D6B6/2020|2020-10-06|EPI_ISL_586744|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Georgia/Tb-3118/2020|2020-04-15|EPI_ISL_470877|Original|hCoV-19^^Tbilisi|Human|Department for Virology|Department for Virology|Tomashvili|Georgia

>Spike|hCoV-19/Spain/AS-IBV-98006635/2020|2020-04-02|EPI_ISL_654676|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/NORT-29879D/2020|2020-05-19|EPI_ISL_469312|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-270143/2020|2020-08-28|EPI_ISL_541525|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/VA-DCLS-1971/2020|2020-10-07|EPI_ISL_644888|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-UW280/2020|2020-03-13|EPI_ISL_418065|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/un-EMC-757/2020|2020-07-02|EPI_ISL_523513|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-0476/2020|2020-04-02|EPI_ISL_480136|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC12779/2020|2020-08-03|EPI_ISL_640899|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-PV09315/2020|2020-03-21|EPI_ISL_450007|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/MN-MDH-1098/2020|2020-06-03|EPI_ISL_470778|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-21229/2020|2020-12-21|EPI_ISL_758820|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC408/2020|2020-03-30|EPI_ISL_435475|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Japan/PG-7392/2020|2020-07-00|EPI_ISL_688494|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/IB-IBV-99011583/2020|2020-12-21|EPI_ISL_779906|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/20154083504/2020|2020-04-03|EPI_ISL_466271|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-471/2020|2020-08-17|EPI_ISL_523807|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OR-PROV-174/2020|2020-05-12|EPI_ISL_482424|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Australia/VIC828/2020|2020-04-03|EPI_ISL_427096|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B5BCF8/2020|2020-11-09|EPI_ISL_655731|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACA879/2020|2020-10-21|EPI_ISL_630343|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CruiseA-4/2020|2020-02-21|EPI_ISL_413609|Original|hCoV-19^^USA|Human|unknown|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/CA-CZB-1801/2020|2020-04-16|EPI_ISL_486130|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/NY-WCMP11E05P/2020|2020-03-16|EPI_ISL_427593|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/England/LIVE-A9203/2020|2020-03-25|EPI_ISL_517277|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B32073/2020|2020-11-04|EPI_ISL_646175|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10711/2020|2020-11-02|EPI_ISL_669489|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20140000404/2020|2020-03-29|EPI_ISL_423367|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20111/2020|2020-11-27|EPI_ISL_723288|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-163D6D/2020|2020-05-06|EPI_ISL_474077|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1798/2020|2020-11-09|EPI_ISL_732025|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Netherlands/UT-RIVM-10072/2020|2020-00-00|EPI_ISL_547523|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-485342/2020|2020-10-25|EPI_ISL_628170|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8123/2020|2020-10-26|EPI_ISL_617078|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-CA511D/2020|2020-12-17|EPI_ISL_762491|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4356/2020|2020-10-22|EPI_ISL_624446|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9557C2/2020|2020-06-12|EPI_ISL_554367|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49002F/2020|2020-11-15|EPI_ISL_703918|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02780/2020|2020-09-24|EPI_ISL_765630|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUEH-B42456/2020|2020-11-08|EPI_ISL_657085|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1381DE/2020|2020-10-06|EPI_ISL_612388|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20658/2020|2020-04-29|EPI_ISL_471682|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-2200/2020|2020-05-23|EPI_ISL_545177|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-S1232/2020|2020-04-10|EPI_ISL_586307|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/CVR183/2020|2020-03-18|EPI_ISL_425722|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Belgium/reg-10141401/2020|2020-10-14|EPI_ISL_738453|Original|hCoV-19^^Bertem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/NOTT-112459/2020|2020-06-19|EPI_ISL_484381|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A87052/2020|2020-10-17|EPI_ISL_606268|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1535/2020|2020-05-25|EPI_ISL_693551|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-0991/2020|2020-04-00|EPI_ISL_684601|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/VA-DCLS-0795/2020|2020-07-07|EPI_ISL_522806|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-QDX-237/2020|2020-04-27|EPI_ISL_498746|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-ACE8EE/2020|2020-10-22|EPI_ISL_629291|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D4777/2020|2020-10-11|EPI_ISL_612068|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Netherlands/NA_115/2020|2020-03-10|EPI_ISL_422663|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYUMC468/2020|2020-04-16|EPI_ISL_435533|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Hong Kong/HKPU-1570/2020|2020-07-14|EPI_ISL_610184|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/Belgium/Rega-0328193/2020|2020-03-28|EPI_ISL_458163|Original|hCoV-19^^Mon|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Indonesia/JK-EIJK-23/2020|2020-04-11|EPI_ISL_568687|Original|hCoV-19^^Jakarta|Human|RSUP Fatmawati|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/England/QEUH-9FAA5D/2020|2020-09-28|EPI_ISL_588138|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/VNHN_4851/2020|2020-04-09|EPI_ISL_455709|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/USA/CO-CDPHE-2011020243/2020|2020-11-01|EPI_ISL_771188|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Scotland/CVR2151/2020|2020-04-10|EPI_ISL_484564|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22152/2020|2020-12-14|EPI_ISL_758589|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0327/2020|2020-11-30|EPI_ISL_755455|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/CAMC-A82558/2020|2020-10-12|EPI_ISL_610632|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20124009202/2020|2020-03-16|EPI_ISL_418695|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0565/2020|2020-03-18|EPI_ISL_485864|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/QEUH-A1F5C9/2020|2020-10-01|EPI_ISL_599126|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-MAYO2/2020|2020-03-23|EPI_ISL_501075|Original|hCoV-19^^Illinois|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/204300490/2020|2020-10-16|EPI_ISL_649812|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/France/IDF-9113/2020|2020-09-15|EPI_ISL_593902|Original|hCoV-19^^\u00cele-de-France|Human|Sentinelles|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/NY-NYCPHL-000179/2020|2020-04-15|EPI_ISL_631714|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/NORW-221F55/2020|2020-12-20|EPI_ISL_764482|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10432/2020|2020-08-14|EPI_ISL_581610|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-BBCA91/2020|2020-11-22|EPI_ISL_705604|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-170B54/2020|2020-03-24|EPI_ISL_459669|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7121709/2020|2020-11-22|EPI_ISL_744518|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/BS-UHB-42201329/2020|2020-03-21|EPI_ISL_528291|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Luxembourg/LNS4613975/2020|2020-10-19|EPI_ISL_740509|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/20126009204/2020|2020-03-18|EPI_ISL_423883|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-82E75/2020|2020-04-12|EPI_ISL_443353|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E2AB2/2020|2020-09-20|EPI_ISL_581315|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2074/2020|2020-07-01|EPI_ISL_653227|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NOTT-11559F/2020|2020-10-14|EPI_ISL_595248|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34610/2020|2020-04-21|EPI_ISL_446949|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-150/2020|2020-04-24|EPI_ISL_452143|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/ALDP-9BEAA0/2020|2020-09-10|EPI_ISL_567905|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A190FB/2020|2020-09-30|EPI_ISL_612483|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1733/2020|2020-09-16|EPI_ISL_576242|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/LIVE-A59B7/2020|2020-03-19|EPI_ISL_499614|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-273/2020|2020-03-25|EPI_ISL_436368|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/CAMC-B9A194/2020|2020-11-15|EPI_ISL_673605|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5858/2020|2020-11-16|EPI_ISL_665609|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DCFE9/2020|2020-09-21|EPI_ISL_581048|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E67B7/2020|2020-09-24|EPI_ISL_580314|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9DCB12/2020|2020-09-22|EPI_ISL_601127|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-126/2020|2020-07-03|EPI_ISL_491939|Original|hCoV-19^^Orellana|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/USA/WA-S1846/2020|2020-05-27|EPI_ISL_496272|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/GA-IBV-002745/2020|2020-04-13|EPI_ISL_467265|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/NoordBrabant_88/2020|2020-00-00|EPI_ISL_422882|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-2008788/2020|2020-05-29|EPI_ISL_524815|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-271B5/2020|2020-03-31|EPI_ISL_432099|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC8110/2020|2020-08-14|EPI_ISL_564855|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-UM-10036835591/2020|2020-11-07|EPI_ISL_728473|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUA-B681EA/2020|2020-11-11|EPI_ISL_661627|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19530/2020|2020-12-07|EPI_ISL_749010|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1583/2020|2020-04-00|EPI_ISL_685189|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-WSLH-200379/2020|2020-04-22|EPI_ISL_578547|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUA-962A14/2020|2020-08-10|EPI_ISL_531679|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-88AEFD/2020|2020-07-27|EPI_ISL_532826|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/600/2020|2020-06-28|EPI_ISL_490050|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-94D04A/2020|2020-06-15|EPI_ISL_556007|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-20154/2020|2020-04-05|EPI_ISL_508983|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/QEUA-A02769/2020|2020-09-29|EPI_ISL_584930|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CC97/2020|2020-05-06|EPI_ISL_472603|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20109051906/2020|2020-03-06|EPI_ISL_417271|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1117/2020|2020-07-27|EPI_ISL_516542|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-AA571D/2020|2020-10-22|EPI_ISL_625093|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-23-6/2020|2020-07-14|EPI_ISL_523081|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-21921/2020|2020-12-21|EPI_ISL_758458|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19458/2020|2020-12-07|EPI_ISL_748514|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AAAEB/2020|2020-04-18|EPI_ISL_470257|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBAF0B/2020|2020-11-14|EPI_ISL_664332|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4737895/2020|2020-10-23|EPI_ISL_740536|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/UT-UPHL-01661/2020|2020-04-08|EPI_ISL_575070|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-9B798C/2020|2020-09-08|EPI_ISL_590482|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2856/2020|2020-04-00|EPI_ISL_690982|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A2E4AC/2020|2020-10-06|EPI_ISL_586861|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2E11/2020|2020-12-14|EPI_ISL_744022|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-424/2020|2020-07-31|EPI_ISL_700073|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/MN-QDX-1342/2020|2020-03-15|EPI_ISL_572131|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/India/DL-NCDC6079-CSIR-IGIB/2020|2020-05-25|EPI_ISL_482615|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Norway/4634/2020|2020-10-18|EPI_ISL_775315|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/LIVE-A685F/2020|2020-03-15|EPI_ISL_499576|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-JEDDAH994/2020|2020-06-17|EPI_ISL_636965|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-681B3D/2020|2020-07-05|EPI_ISL_551811|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/UN-CRCHUM-PreFreeze-10/2020|2020-09-04|EPI_ISL_667767|Original|hCoV-19^^Canada|Human|Microbiology|Microbiology|Benoit, P.|Canada

>Spike|hCoV-19/England/NORT-281F62/2020|2020-03-25|EPI_ISL_478490|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/France/BRE-IPP9983/2020|2020-11-04|EPI_ISL_718240|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/NY-Wadsworth-31786-01/2020|2020-03-27|EPI_ISL_676779|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/NA_431/2020|2020-04-06|EPI_ISL_455233|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR4394/2020|2020-09-18|EPI_ISL_585268|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-BA26B8/2020|2020-11-18|EPI_ISL_672768|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1770/2020|2020-07-13|EPI_ISL_618199|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-11644/2020|2020-09-23|EPI_ISL_625478|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-1323/2020|2020-04-00|EPI_ISL_684931|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-48454D/2020|2020-10-19|EPI_ISL_627091|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6660/2020|2020-12-17|EPI_ISL_765057|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A3E782/2020|2020-10-05|EPI_ISL_609631|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-95FB80/2020|2020-08-04|EPI_ISL_532527|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A80EC/2020|2020-03-26|EPI_ISL_517115|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-6C8C37/2020|2020-07-01|EPI_ISL_556209|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4287/2020|2020-09-09|EPI_ISL_559960|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Israel/CVL-n896/2020|2020-02-27|EPI_ISL_649094|Original|hCoV-19^^Rishon-Letsion|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/MD-MDH-0104/2020|2020-05-27|EPI_ISL_522839|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/England/MILK-A450C9/2020|2020-10-06|EPI_ISL_598613|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW660/2020|2020-07-18|EPI_ISL_498779|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-4A0EAA/2020|2020-12-12|EPI_ISL_743588|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2151/2020|2020-04-12|EPI_ISL_468860|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario

Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/Singapore/923/2020|2020-03-24|EPI_ISL_538454|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19/England/20166055904/2020|2020-04-14|EPI_ISL_466550|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-BB92AB/2020|2020-11-21|EPI_ISL_702391|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-1704/2020|2020-09-04|EPI_ISL_609983|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/ALDP-95406E/2020|2020-06-12|EPI_ISL_553813|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-124AE9/2020|2020-03-26|EPI_ISL_443787|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16BF14/2020|2020-09-14|EPI_ISL_573989|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/20119076104/2020|2020-03-14|EPI_ISL_465105|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/PORT-2CF3E4/2020|2020-04-28|EPI_ISL_453676|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Canada/BC_10603886/2020|2020-04-00|EPI_ISL_477118|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19/Canada/BC-BCCDC-8590/2020|2020-11-00|EPI_ISL_740837|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19/USA/FL-BPHL-1175/2020|2020-08-19|EPI_ISL_526661|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Norway/3293/2020|2020-09-05|EPI_ISL_590878|original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway
>Spike|hCoV-19/USA/UT-UPHL-2009562/2020|2020-07-19|EPI_ISL_605241|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Australia/VIC15475/2020|2020-08-04|EPI_ISL_593322|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/TX-HMH-MCoV-11823/2020|2020-09-14|EPI_ISL_790117|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/NY-NYUMC924/2020|2020-03-18|EPI_ISL_467417|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/England/ALDP-9CDBF6/2020|2020-09-16|EPI_ISL_566324|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-8804/2020|2020-08-00|EPI_ISL_686391|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Canada/ON-S1501/2020|2020-08-30|EPI_ISL_755890|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/Australia/VIC9900/2020|2020-08-24|EPI_ISL_565771|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Portugal/PT0166/2020|2020-03-28|EPI_ISL_453882|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-IGI-0090/2020|2020-06-19|EPI_ISL_511844|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-B5E2E4/2020|2020-11-08|EPI_ISL_723649|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NOTT-1100EE/2020|2020-04-10|EPI_ISL_441470|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/AZ-TG383704/2020|2020-06-17|EPI_ISL_694689|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Scotland/CVR5032/2020|2020-10-08|EPI_ISL_594766|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-6306/2020|2020-08-00|EPI_ISL_689417|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B47CA/2020|2020-04-25|EPI_ISL_534973|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-2514/2020|2020-07-21|EPI_ISL_561265|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Slovenia/V0-6934/2020|2020-04-09|EPI_ISL_635297|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/Japan/PG-3469/2020|2020-07-00|EPI_ISL_691579|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-BBEC3/2020|2020-11-21|EPI_ISL_705573|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-BB1AD8/2020|2020-11-18|EPI_ISL_720444|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-4C8BD2/2020|2020-06-06|EPI_ISL_559171|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-26417/2020|2020-04-17|EPI_ISL_676562|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUEH-A31136/2020|2020-10-05|EPI_ISL_595868|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-9CDF27/2020|2020-09-16|EPI_ISL_566399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2055/2020|2020-03-27|EPI_ISL_683684|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-3815/2020|2020-08-31|EPI_ISL_622722|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0498/2020|2020-07-10|EPI_ISL_498067|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-958589/2020|2020-06-11|EPI_ISL_554814|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2425/2020|2020-06-15|EPI_ISL_497057|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/OXON-F40BC8/2020|2020-12-15|EPI_ISL_764546|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5474384/2020|2020-11-26|EPI_ISL_744239|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CSMC127/2020|2020-04-05|EPI_ISL_475604|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/NORT-291F23/2020|2020-05-06|EPI_ISL_489079|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22218/2020|2020-10-26|EPI_ISL_644353|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/NORW-EEB07/2020|2020-07-04|EPI_ISL_493543|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/20126007102/2020|2020-03-18|EPI_ISL_418751|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-2644/2020|2020-04-00|EPI_ISL_690776|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-4309/2020|2020-06-18|EPI_ISL_543518|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA357F/2020|2020-10-22|EPI_ISL_624169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4AE0D3/2020|2020-06-08|EPI_ISL_559527|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1720/2020|2020-10-22|EPI_ISL_625235|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A578F9/2020|2020-10-09|EPI_ISL_597438|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3740/2020|2020-09-04|EPI_ISL_590996|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Wales/PHWC-499E77/2020|2020-11-24|EPI_ISL_727456|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A4B254/2020|2020-10-08|EPI_ISL_637822|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Sweden/20-50361/2020|2020-03-16|EPI_ISL_429163|Original|hCoV-19^^Gavleborgs lan|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUA-B8152B/2020|2020-11-14|EPI_ISL_668247|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-D870/2020|2020-06-24|EPI_ISL_572397|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Institute for Virology|Walker|Germany

>Spike|hCoV-19/USA/WA-S1630/2020|2020-05-27|EPI_ISL_496056|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC6022/2020|2020-07-25|EPI_ISL_518063|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-10D7290/2020|2020-12-13|EPI_ISL_742099|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Singapore/1417/2020|2020-11-11|EPI_ISL_654815|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Singapore/1480/2020|2020-12-21|EPI_ISL_754095|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/NY-NYUMC273/2020|2020-04-06|EPI_ISL_428787|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/20129174704/2020|2020-03-22|EPI_ISL_424151|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1425/2020|2020-03-18|EPI_ISL_572077|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-AEA6F1/2020|2020-10-26|EPI_ISL_633284|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-226-3606/2020|2020-04-15|EPI_ISL_574860|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/USA/WA-UW-47055/2020|2020-12-12|EPI_ISL_756299|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-18186/2020|2020-12-14|EPI_ISL_749801|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21757/2020|2020-12-21|EPI_ISL_758346|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-97010085/2020|2020-03-26|EPI_ISL_779765|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CDPH013/2020|2020-03-20|EPI_ISL_515906|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Netherlands/NB-RIVM-20368/2020|2020-12-09|EPI_ISL_728588|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Australia/VIC5555/2020|2020-07-21|EPI_ISL_518383|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC2790/2020|2020-07-06|EPI_ISL_521624|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-31058-01/2020|2020-03-27|EPI_ISL_525635|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Japan/PG-4136/2020|2020-07-00|EPI_ISL_692375|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4957F8/2020|2020-11-24|EPI_ISL_726400|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1418/2020|2020-04-00|EPI_ISL_685025|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-K002889/2020|2020-09-04|EPI_ISL_602701|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-1914/2020|2020-04-00|EPI_ISL_685520|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-BAAA2D/2020|2020-11-17|EPI_ISL_681531|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MO-QDX-676/2020|2020-03-18|EPI_ISL_571475|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-AE1B73/2020|2020-10-26|EPI_ISL_633436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2469/2020|2020-03-27|EPI_ISL_468790|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Germany/SH-ChVir8179/2020|2020-07-01|EPI_ISL_729563|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/WI-UW-2062/2020|2020-07-16|EPI_ISL_677467|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-997/2020|2020-05-11|EPI_ISL_614802|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/DP0200/2020|2020-02-15|EPI_ISL_416584|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/LK-NVRL-MPT28673/2020|2020-05-20|EPI_ISL_767813|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/NORT-28C170/2020|2020-05-11|EPI_ISL_461801|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004534-CS1/2020|2020-11-17|EPI_ISL_660232|Original|hCoV-19^^KwaZulu-Natal|Human|KRISP|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B0A171/2020|2020-10-30|EPI_ISL_673173|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-110008/2020|2020-04-01|EPI_ISL_486448|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-994FA1/2020|2020-08-25|EPI_ISL_552402|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC6D7B/2020|2020-11-28|EPI_ISL_705292|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/France/ARA-SC069/2020|2020-04-17|EPI_ISL_666677|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUA-9AEFE0/2020|2020-09-03|EPI_ISL_573524|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUA-A9E638/2020|2020-10-20|EPI_ISL_680035|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/NSW08/2020|2020-02-28|EPI_ISL_413594|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Rockett|Australia

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-306/2020|2020-07-18|EPI_ISL_498786|Original|hCoV-19^^Sylhet|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Portugal/PT1838/2020|2020-11-09|EPI_ISL_732058|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NY-NYCPHL-001521/2020|2020-11-30|EPI_ISL_745437|Original|hCoV-19^^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-B673A9/2020|2020-11-11|EPI_ISL_662083|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11523/2020|2020-11-02|EPI_ISL_670974|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/KA-IB2/2020|2020-06-21|EPI_ISL_508298|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Japan/PG-2367/2020|2020-05-00|EPI_ISL_685972|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-BB51A2/2020|2020-11-20|EPI_ISL_701889|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C237A/2020|2020-03-26|EPI_ISL_441926|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-62-5/2020|2020-10-05|EPI_ISL_632437|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Belgium/ULG-0191/2020|2020-03-23|EPI_ISL_447131|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/LIVE-A2BD2/2020|2020-05-18|EPI_ISL_499835|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20104009002/2020|2020-03-02|EPI_ISL_417233|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B48818/2020|2020-11-07|EPI_ISL_710897|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SEARCH-5506/2020|2020-11-18|EPI_ISL_755270|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-ALSR-0781-SAN/2020|2020-04-15|EPI_ISL_483353|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-9A9FF4/2020|2020-08-31|EPI_ISL_550852|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1373/2020|2020-12-11|EPI_ISL_779039|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15960/2020|2020-07-10|EPI_ISL_785644|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-756/2020|2020-09-23|EPI_ISL_632381|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1B9B40/2020|2020-11-07|EPI_ISL_679153|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC7084/2020|2020-07-31|EPI_ISL_564222|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/EXET-13ABB0/2020|2020-11-09|EPI_ISL_665091|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC17434/2020|2020-08-06|EPI_ISL_663886|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-IBV-005340/2020|2020-03-18|EPI_ISL_510218|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-0863/2020|2020-06-29|EPI_ISL_514209|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WI-WSLH-200324/2020|2020-04-19|EPI_ISL_578505|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUEH-96463C/2020|2020-08-11|EPI_ISL_536875|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11414/2020|2020-08-29|EPI_ISL_563363|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/IB-IBV-2527/2020|2020-03-20|EPI_ISL_468971|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS7831038/2020|2020-11-05|EPI_ISL_744638|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-1182/2020|2020-04-00|EPI_ISL_684792|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NA_82/2020|2020-03-11|EPI_ISL_422842|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/CT-IBV-005644/2020|2020-04-22|EPI_ISL_508673|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/UT-02898/2020|2020-04-30|EPI_ISL_498668|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/LIVE-9F886/2020|2020-05-31|EPI_ISL_472019|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC10580/2020|2020-08-03|EPI_ISL_562968|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16F4B7/2020|2020-10-03|EPI_ISL_585973|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3922342/2020|2020-10-25|EPI_ISL_740391|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-9945/2020|2020-07-06|EPI_ISL_780351|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/205260308/2020|2020-12-07|EPI_ISL_766513|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B84090/2020|2020-11-14|EPI_ISL_674281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009201/2020|2020-05-11|EPI_ISL_525183|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-9D48AA/2020|2020-09-19|EPI_ISL_601702|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26541/2020|2020-03-26|EPI_ISL_422248|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1114/2020|2020-03-20|EPI_ISL_456192|Original|hCoV-19^^Waikato|Human|Waikato Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/England/ALDP-A2EEAE/2020|2020-10-05|EPI_ISL_587295|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM87046575/2020|2020-11-12|EPI_ISL_753330|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Thailand/CO63-1044-3/2020|2020-03-23|EPI_ISL_450985|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/England/QEUEH-AE2170/2020|2020-10-26|EPI_ISL_633565|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AEEBE/2020|2020-05-10|EPI_ISL_452869|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-B3A7C1/2020|2020-11-02|EPI_ISL_706037|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR4408/2020|2020-09-19|EPI_ISL_585282|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-B569C9/2020|2020-11-05|EPI_ISL_656906|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1131/2020|2020-04-25|EPI_ISL_476716|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-8182/2020|2020-08-00|EPI_ISL_687281|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-DC8C30/2020|2020-11-19|EPI_ISL_705287|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036803164/2020|2020-11-05|EPI_ISL_728392|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00227481/2020|2020-03-19|EPI_ISL_535863|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-48BED2/2020|2020-11-01|EPI_ISL_666367|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/CE-L12-CD213/2020|2020-03-16|EPI_ISL_476213|Original|hCoV-19^^Cear\u00e1|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/USA/CA-CZB-3836/2020|2020-07-24|EPI_ISL_548428|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Russia/StPetersburg-RII8371S/2020|2020-04-22|EPI_ISL_450274|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/BRIS-12F714/2020|2020-03-10|EPI_ISL_488367|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22505/2020|2020-11-17|EPI_ISL_708208|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Wales/PHWC-48D113/2020|2020-11-08|EPI_ISL_666582|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-5A525D/2020|2020-06-15|EPI_ISL_558639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F2D5/2020|2020-10-07|EPI_ISL_612658|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CE43/2020|2020-09-06|EPI_ISL_574175|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-96B899/2020|2020-08-14|EPI_ISL_531278|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9035/2020|2020-07-30|EPI_ISL_565365|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC2481/2020|2020-06-28|EPI_ISL_522184|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-10530/2020|2020-11-02|EPI_ISL_670036|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7A3D1/2020|2020-10-15|EPI_ISL_606705|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA9D42/2020|2020-12-18|EPI_ISL_762444|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B31FA4/2020|2020-11-04|EPI_ISL_646240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A69047/2020|2020-10-12|EPI_ISL_609083|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDA1D/2020|2020-05-02|EPI_ISL_584466|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14368/2020|2020-10-05|EPI_ISL_787653|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SG-ETHZ-390429/2020|2020-11-04|EPI_ISL_729073|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-21F6BF/2020|2020-12-09|EPI_ISL_725040|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/AZ-TG637297/2020|2020-07-27|EPI_ISL_695724|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-DSHS-1645/2020|2020-06-24|EPI_ISL_710086|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/NORW-EAE99/2020|2020-04-30|EPI_ISL_457388|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/IC-0154/2020|2020-08-00|EPI_ISL_667583|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-001342/2020|2020-11-13|EPI_ISL_683974|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-95F7C8/2020|2020-08-05|EPI_ISL_532423|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6878E/2020|2020-11-11|EPI_ISL_655052|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3365/2020|2020-07-15|EPI_ISL_548323|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUEH-B106C4/2020|2020-11-02|EPI_ISL_641858|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C5AB/2020|2020-03-29|EPI_ISL_472509|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9552C1/2020|2020-06-12|EPI_ISL_553545|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1860/2020|2020-05-00|EPI_ISL_685466|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-A4D832/2020|2020-10-07|EPI_ISL_628613|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9573EA/2020|2020-06-16|EPI_ISL_554101|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S491/2020|2020-04-02|EPI_ISL_434251|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-5881/2020|2020-09-28|EPI_ISL_621068|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2181/2020|2020-04-00|EPI_ISL_685786|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9449A2/2020|2020-06-07|EPI_ISL_555758|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12358/2020|2020-10-12|EPI_ISL_648429|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-CB4843/2020|2020-12-17|EPI_ISL_761815|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-199/2020|2020-06-20|EPI_ISL_483643|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/MI-UM-10036312478/2020|2020-10-06|EPI_ISL_596595|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/UT-02849/2020|2020-04-29|EPI_ISL_513658|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Japan/PG-0857/2020|2020-04-00|EPI_ISL_684467|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/SP-L2-CAMPI52/2020|2020-04-18|EPI_ISL_476340|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Faria|Brazil

>Spike|hCoV-19/England/QEUH-AD4EC5/2020|2020-10-26|EPI_ISL_633922|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F56DF/2020|2020-11-02|EPI_ISL_665581|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2124/2020|2020-03-15|EPI_ISL_498025|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUH-A338A8/2020|2020-10-05|EPI_ISL_626771|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Sweden/20-23685/2020|2020-10-07|EPI_ISL_648191|Original|hCoV-19^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/QEUH-96BF2B/2020|2020-08-17|EPI_ISL_534683|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B67B56/2020|2020-11-11|EPI_ISL_661375|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2892CB/2020|2020-03-29|EPI_ISL_458600|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200037/2020|2020-04-13|EPI_ISL_752621|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-AC82F5/2020|2020-10-21|EPI_ISL_629317|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_HH-12/2020|2020-06-30|EPI_ISL_774949|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Netherlands/NB-EMC-213/2020|2020-06-13|EPI_ISL_523336|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-9FFF1D/2020|2020-10-02|EPI_ISL_600213|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0981/2020|2020-04-06|EPI_ISL_583826|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Hong Kong/HKU-IHCE0511-012b/2020|2020-03-13|EPI_ISL_538550|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Australia/VIC14162/2020|2020-07-30|EPI_ISL_592361|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/mink/Denmark/mDK-172/2020|2020-11-04|EPI_ISL_683023|Original|hCoV-19^^Denmark|Neovison vison|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5259/2020|2020-08-00|EPI_ISL_690362|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-2963/2020|2020-08-24|EPI_ISL_616725|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Gelderland_80/2020|2020-05-19|EPI_ISL_460979|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC3146/2020|2020-07-12|EPI_ISL_520853|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-6373/2020|2020-07-05|EPI_ISL_547427|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13874/2020|2020-08-16|EPI_ISL_787167|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-357C1/2020|2020-04-25|EPI_ISL_474476|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1575/2020|2020-03-17|EPI_ISL_603976|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-7E8BA/2020|2020-04-08|EPI_ISL_443059|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-2875/2020|2020-04-00|EPI_ISL_691001|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-005355/2020|2020-03-19|EPI_ISL_510232|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-DSHS-0048/2020|2020-05-09|EPI_ISL_517979|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-95117D/2020|2020-06-13|EPI_ISL_554263|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B2E7/2020|2020-11-08|EPI_ISL_655635|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA4267/2020|2020-11-18|EPI_ISL_721180|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4668/2020|2020-09-14|EPI_ISL_621900|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18470/2020|2020-12-07|EPI_ISL_749398|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B3387A/2020|2020-11-05|EPI_ISL_659303|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A8716E/2020|2020-10-17|EPI_ISL_606031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488C08/2020|2020-10-30|EPI_ISL_639481|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW606/2020|2020-06-19|EPI_ISL_478718|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Concord Repatriation

General Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-4879/2020|2020-08-00|EPI_ISL_690000|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14818/2020|2020-11-23|EPI_ISL_712006|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW2106/2020|2020-04-13|EPI_ISL_678298|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/England/20152046204/2020|2020-04-06|EPI_ISL_466233|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-9D1CFC/2020|2020-09-19|EPI_ISL_601728|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-7893/2020|2020-04-07|EPI_ISL_454551|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-B1A475/2020|2020-10-31|EPI_ISL_647695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F40CA/2020|2020-08-22|EPI_ISL_588539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12337/2020|2020-11-16|EPI_ISL_682518|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14801/2020|2020-10-12|EPI_ISL_786286|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-NIV-229360/2020|2020-09-29|EPI_ISL_577711|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/OR-PROV-110/2020|2020-04-24|EPI_ISL_482378|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/USA/DE-DHSS-F918400/2020|2020-03-30|EPI_ISL_593955|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/TX-DSHS-0454/2020|2020-06-16|EPI_ISL_541988|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-B6A42B/2020|2020-11-11|EPI_ISL_662442|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-604/2020|2020-03-27|EPI_ISL_436988|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/CT-Yale-608/2020|2020-05-06|EPI_ISL_730070|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/MILK-BB20B7/2020|2020-11-18|EPI_ISL_720181|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6064/2020|2020-10-05|EPI_ISL_620258|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BB0990/2020|2020-11-17|EPI_ISL_720332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002297/2020|2020-07-20|EPI_ISL_515674|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Brazil/RS-L16-CD349/2020|2020-03-30|EPI_ISL_476291|Original|hCoV-19^^Rio Grande do Sul|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/NY-PV09439/2020|2020-03-07|EPI_ISL_450116|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Denmark/DCGC-866/2020|2020-05-18|EPI_ISL_614828|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15656/2020|2020-11-23|EPI_ISL_713209|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-20824/2020|2020-12-21|EPI_ISL_759387|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NoordHolland_9/2020|2020-04-01|EPI_ISL_460798|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MASPHL-00095/2020|2020-04-03|EPI_ISL_791580|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-2415/2020|2020-08-10|EPI_ISL_617597|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BAC153/2020|2020-11-18|EPI_ISL_783098|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16832A/2020|2020-04-18|EPI_ISL_494227|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17010/2020|2020-12-14|EPI_ISL_750319|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-0743/2020|2020-04-00|EPI_ISL_684353|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/IL-NM-1689/2020|2020-07-23|EPI_ISL_626540|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/QEUEH-BA1BBA/2020|2020-11-18|EPI_ISL_719970|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-81016/2020|2020-04-20|EPI_ISL_438556|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5862/2020|2020-06-19|EPI_ISL_547071|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B1BB42/2020|2020-11-01|EPI_ISL_645577|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003461/2020|2020-04-03|EPI_ISL_539265|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A6A538/2020|2020-10-09|EPI_ISL_626912|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3609/2020|2020-06-24|EPI_ISL_636109|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-2849/2020|2020-08-24|EPI_ISL_616676|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9BE31E/2020|2020-09-10|EPI_ISL_568088|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9314/2020|2020-08-24|EPI_ISL_565502|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9D828A/2020|2020-09-18|EPI_ISL_576643|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-815413/2020|2020-07-16|EPI_ISL_557260|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-003215/2020|2020-03-13|EPI_ISL_480970|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/ALDP-52C063/2020|2020-06-01|EPI_ISL_558909|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18942/2020|2020-11-25|EPI_ISL_785238|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9DC40/2020|2020-04-27|EPI_ISL_449621|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-0261/2020|2020-03-00|EPI_ISL_479945|Original|hCoV-19^^Kansai|Human|Osaka Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR5358/2020|2020-10-26|EPI_ISL_651777|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9C262D/2020|2020-09-10|EPI_ISL_566649|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A618B0/2020|2020-10-11|EPI_ISL_628639|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Malaysia/IMR_WC80031/2020|2020-05-23|EPI_ISL_490090|Original|hCoV-19^^Selangor|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Wales/PHWC-488D05/2020|2020-11-02|EPI_ISL_639494|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9EEB2/2020|2020-04-09|EPI_ISL_453405|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-26498/2020|2020-10-18|EPI_ISL_660954|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/BRIS-123006/2020|2020-04-02|EPI_ISL_440744|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB1363/2020|2020-04-10|EPI_ISL_491529|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C33E59/2020|2020-12-11|EPI_ISL_734074|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3032/2020|2020-08-06|EPI_ISL_549055|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/QEUA-B32116/2020|2020-11-04|EPI_ISL_646339|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8A00/2020|2020-00-00|EPI_ISL_448263|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17612/2020|2020-12-14|EPI_ISL_751103|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG333630/2020|2020-05-27|EPI_ISL_694359|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-13768/2020|2020-11-30|EPI_ISL_713012|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B45D0D/2020|2020-11-07|EPI_ISL_656275|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8047/2020|2020-08-12|EPI_ISL_564817|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Panama/333242/2020|2020-03-25|EPI_ISL_496735|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-B48775/2020|2020-11-07|EPI_ISL_649402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B12E8E/2020|2020-11-02|EPI_ISL_642690|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5921/2020|2020-07-21|EPI_ISL_518700|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9F036B/2020|2020-09-24|EPI_ISL_580653|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15340/2020|2020-10-19|EPI_ISL_786824|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9241CE/2020|2020-06-23|EPI_ISL_552981|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75394/2020|2020-03-14|EPI_ISL_440419|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-161/2020|2020-03-14|EPI_ISL_602530|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/QEUA-BA1042/2020|2020-11-18|EPI_ISL_719739|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7FD50/2020|2020-04-20|EPI_ISL_444408|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-B59920/2020|2020-11-06|EPI_ISL_679886|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-240078/2020|2020-08-10|EPI_ISL_523916|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/ULG-10987/2020|2020-10-25|EPI_ISL_707717|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-25357/2020|2020-03-23|EPI_ISL_432188|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9D4D7E/2020|2020-09-19|EPI_ISL_601533|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C3740/2020|2020-04-30|EPI_ISL_475369|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494902/2020|2020-11-20|EPI_ISL_726187|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-615A4/2020|2020-04-28|EPI_ISL_477780|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Australia/VIC13252/2020|2020-07-30|EPI_ISL_592218|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-836B71/2020|2020-07-11|EPI_ISL_557195|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B11906/2020|2020-11-02|EPI_ISL_642423|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-110044/2020|2020-04-01|EPI_ISL_486477|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-C332D5/2020|2020-12-11|EPI_ISL_733931|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1657/2020|2020-05-29|EPI_ISL_496083|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/EDB2805/2020|2020-03-30|EPI_ISL_488947|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA6817/2020|2020-12-16|EPI_ISL_761583|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8FB2BF/2020|2020-06-24|EPI_ISL_551388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C31741/2020|2020-12-10|EPI_ISL_731432|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008621/2020|2020-09-14|EPI_ISL_654197|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-9A4630/2020|2020-09-01|EPI_ISL_540198|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9BDB8/2020|2020-04-19|EPI_ISL_440918|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-6D03EC/2020|2020-07-02|EPI_ISL_556194|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09425/2020|2020-03-14|EPI_ISL_450103|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Wales/PHWC-16BB89/2020|2020-09-19|EPI_ISL_573949|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002281/2020|2020-07-21|EPI_ISL_515661|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/LIVE-DC1208/2020|2020-11-01|EPI_ISL_665140|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6002/2020|2020-09-28|EPI_ISL_621111|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A66C64/2020|2020-10-12|EPI_ISL_630559|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-878/2020|2020-03-31|EPI_ISL_582354|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/MILK-B39DDF/2020|2020-11-01|EPI_ISL_679667|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B24BBF/2020|2020-11-04|EPI_ISL_711010|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUE-9BB038/2020|2020-09-07|EPI_ISL_573646|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-264185-01/2020|2020-11-05|EPI_ISL_734422|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-22338/2020|2020-12-14|EPI_ISL_757847|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-9819/2020|2020-05-26|EPI_ISL_501164|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/BRIS-12D0C0/2020|2020-04-25|EPI_ISL_481964|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12706C/2020|2020-04-23|EPI_ISL_469713|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-44/2020|2020-03-12|EPI_ISL_420128|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/CAMC-94971C/2020|2020-07-22|EPI_ISL_556771|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B32BB/2020|2020-04-22|EPI_ISL_534848|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/BC_19100589/2020|2020-04-00|EPI_ISL_469216|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/QEUA-969C71/2020|2020-08-12|EPI_ISL_530859|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7558/2020|2020-06-00|EPI_ISL_686660|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-10687/2020|2020-07-08|EPI_ISL_789589|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW311/2020|2020-03-29|EPI_ISL_451575|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-32287/2020|2020-04-09|EPI_ISL_446625|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AAACA0/2020|2020-10-21|EPI_ISL_652740|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Colombia/ATL-INS-020202/2020|2020-10-10|EPI_ISL_739682|Original|hCoV-19^^Atlantico|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/USA/NY-QDX-858/2020|2020-03-16|EPI_ISL_571665|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-14553/2020|2020-11-30|EPI_ISL_711835|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5089/2020|2020-07-17|EPI_ISL_519892|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9CAF39/2020|2020-09-16|EPI_ISL_575674|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A596C0/2020|2020-10-09|EPI_ISL_597027|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8500/2020|2020-10-26|EPI_ISL_625925|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A975F/2020|2020-07-08|EPI_ISL_526390|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-CDF8/2020|2020-10-14|EPI_ISL_611650|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22648/2020|2020-12-14|EPI_ISL_757687|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BS-ETHZ-100111/2020|2020-03-16|EPI_ISL_451695|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC17469/2020|2020-08-19|EPI_ISL_663898|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-168F62/2020|2020-05-04|EPI_ISL_499372|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/SP-697/2020|2020-06-30|EPI_ISL_693239|Original|hCoV-19^^S\u00e3o Paulo|Human|Secao Centro de Diagnostico Secedi|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-7476/2020|2020-10-12|EPI_ISL_619377|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZE-EMC-66/2020|2020-00-00|EPI_ISL_523565|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/ARA-62546/2020|2020-08-20|EPI_ISL_683375|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-6599/2020|2020-06-24|EPI_ISL_546117|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17277/2020|2020-12-14|EPI_ISL_750874|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10659/2020|2020-10-26|EPI_ISL_636636|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-21000/2020|2020-12-21|EPI_ISL_758856|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6547/2020|2020-08-00|EPI_ISL_687661|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW367/2020|2020-04-14|EPI_ISL_451628|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC4424/2020|2020-07-17|EPI_ISL_519720|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-3139/2020|2020-08-19|EPI_ISL_635869|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49BF63/2020|2020-12-06|EPI_ISL_742486|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9235/2020|2020-07-03|EPI_ISL_781013|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/EXET-135A6D/2020|2020-04-09|EPI_ISL_457130|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-A70177/2020|2020-10-15|EPI_ISL_608287|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr235011/2020|2020-12-17|EPI_ISL_770501|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/QEUH-95F704/2020|2020-08-05|EPI_ISL_532428|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012256510/2020|2020-08-11|EPI_ISL_745928|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/reg-0409560/2020|2020-04-09|EPI_ISL_734550|Original|hCoV-19^^Saint-Giles|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-49D338/2020|2020-12-10|EPI_ISL_742766|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-8E60DB/2020|2020-06-25|EPI_ISL_556603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5359/2020|2020-08-00|EPI_ISL_690462|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Israel/CVL-n-6142/2020|2020-03-15|EPI_ISL_475015|Original|hCoV-19^^Haifa|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/QEUEH-B3F43E/2020|2020-11-08|EPI_ISL_658480|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01249/2020|2020-06-00|EPI_ISL_548871|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUEH-9CA31F/2020|2020-09-13|EPI_ISL_567282|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162E4D/2020|2020-05-28|EPI_ISL_473208|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2650/2020|2020-04-00|EPI_ISL_690782|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-E9049/2020|2020-04-24|EPI_ISL_453577|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-981F7A/2020|2020-08-09|EPI_ISL_552741|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13547E/2020|2020-04-06|EPI_ISL_457063|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1363/2020|2020-04-22|EPI_ISL_507952|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NORT-283CE1/2020|2020-04-03|EPI_ISL_478522|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-9D78D4/2020|2020-09-18|EPI_ISL_576597|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-6770/2020|2020-08-00|EPI_ISL_687880|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/1012/2020|2020-06-11|EPI_ISL_699144|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Spain/PV-IBV-000856/2020|2020-03-11|EPI_ISL_452696|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CHLA-PLM04668722/2020|2020-11-30|EPI_ISL_753425|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/MILK-B8D20A/2020|2020-11-13|EPI_ISL_674091|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-SK-20H-329MM0239/2020|2020-11-24|EPI_ISL_791509|Original|hCoV-19^^Ontario|Human|The Hospital for Sick Children|The Hospital for Sick Children|Lau|Canada

>Spike|hCoV-19/South Africa/KRISP-K004290/2020|2020-07-29|EPI_ISL_660171|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Mexico/CMX-INdRE-13/2020|2020-03-21|EPI_ISL_455437|Original|hCoV-19^^Mexico City|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Mendieta|Mexico

>Spike|hCoV-19/England/QEUH-963AAA/2020|2020-08-10|EPI_ISL_531496|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47DEE2/2020|2020-10-12|EPI_ISL_595378|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/WA279/2020|2020-03-25|EPI_ISL_596822|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/CAMB-1BABE5/2020|2020-11-12|EPI_ISL_664785|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B51ABC/2020|2020-11-08|EPI_ISL_658138|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1736/2020|2020-05-21|EPI_ISL_512159|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/OR-OHSU-1675/2020|2020-07-22|EPI_ISL_525999|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/VIC8463/2020|2020-07-28|EPI_ISL_565033|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-14279/2020|2020-11-30|EPI_ISL_711669|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/GGO-0327349/2020|2020-03-27|EPI_ISL_462203|Original|hCoV-19^^Brugge|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/India/MH-BJMC-9065/2020|2020-06-04|EPI_ISL_728262|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/France/PAC-MEPHI-0312/2020|2020-03-24|EPI_ISL_644404|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-97F80B/2020|2020-08-05|EPI_ISL_526338|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Ireland/CO-NVRL-78IRL73073/2020|2020-11-23|EPI_ISL_752562|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-4887/2020|2020-09-21|EPI_ISL_621573|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9E3170/2020|2020-09-20|EPI_ISL_581363|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F917785/2020|2020-03-24|EPI_ISL_576169|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/GA-EHC-083E/2020|2020-03-09|EPI_ISL_454690|Original|hCoV-19^^Georgia|Human|Emory Molecular Diagnostics Laboratory|Piantadosi Lab|Piantadosi|USA

>Spike|hCoV-19/England/ALDP-B5BB0A/2020|2020-11-10|EPI_ISL_655549|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E519/2020|2020-10-12|EPI_ISL_595466|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168CF2/2020|2020-04-18|EPI_ISL_494355|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C70A/2020|2020-12-10|EPI_ISL_731608|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EFEFE/2020|2020-10-07|EPI_ISL_595163|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0129/2020|2020-03-12|EPI_ISL_455923|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/NY-PV09067/2020|2020-03-20|EPI_ISL_421616|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/ALDP-A6E2E2/2020|2020-10-15|EPI_ISL_607011|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0E9E/2020|2020-11-22|EPI_ISL_705097|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3693/2020|2020-06-16|EPI_ISL_543112|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9A52A4/2020|2020-09-04|EPI_ISL_550253|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2DF6F/2020|2020-11-04|EPI_ISL_659928|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII6043S/2020|2020-04-14|EPI_ISL_430103|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/PHWC-16428B/2020|2020-05-11|EPI_ISL_474152|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487331/2020|2020-10-14|EPI_ISL_637327|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00237747/2020|2020-03-25|EPI_ISL_536194|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoyn\u00e9|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Netherlands/NB-EMC-205/2020|2020-00-00|EPI_ISL_523328|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-1614/2020|2020-03-00|EPI_ISL_685220|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-7564/2020|2020-06-25|EPI_ISL_546855|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC6665/2020|2020-07-20|EPI_ISL_521421|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/New Zealand/20CV0194/2020|2020-08-29|EPI_ISL_548060|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/France/ARA-12877/2020|2020-03-23|EPI_ISL_420617|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier Saint Joseph Saint Luc|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Netherlands/ZH-EMC-1023/2020|2020-11-24|EPI_ISL_722311|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/BE-ETHZ-160017/2020|2020-06-15|EPI_ISL_486510|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-AC7C07/2020|2020-10-22|EPI_ISL_634277|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6638/2020|2020-07-19|EPI_ISL_521397|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-5B18D4/2020|2020-06-17|EPI_ISL_558627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95ADCB/2020|2020-06-15|EPI_ISL_555548|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2434/2020|2020-03-24|EPI_ISL_468829|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-A21069/2020|2020-10-01|EPI_ISL_587595|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0242/2020|2020-03-20|EPI_ISL_438072|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/WI-WSLH-200587/2020|2020-06-08|EPI_ISL_631389|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMB-1BB4F8/2020|2020-11-17|EPI_ISL_664470|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-S1164/2020|2020-05-06|EPI_ISL_463654|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-BB99C4/2020|2020-11-20|EPI_ISL_703084|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regal-10121446/2020|2020-10-12|EPI_ISL_738498|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Spain/CT-IBV-99009887/2020|2020-08-06|EPI_ISL_660284|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-11065/2020|2020-11-02|EPI_ISL_670375|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204500446/2020|2020-10-30|EPI_ISL_660781|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-DC7FB0/2020|2020-11-16|EPI_ISL_703364|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-C2F694/2020|2020-12-07|EPI_ISL_782952|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8202/2020|2020-10-26|EPI_ISL_616958|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/BI-ISPCH-3-2/2020|2020-03-25|EPI_ISL_445336|Original|hCoV-19^^Biobio|Human|HOSPITAL LAS HIGUERAS DE TALCAHUANO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Wales/PHWC-3639F/2020|2020-04-29|EPI_ISL_474659|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-076/2020|2020-06-01|EPI_ISL_466644|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-13446/2020|2020-11-30|EPI_ISL_712174|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-12509D4/2020|2020-10-30|EPI_ISL_664228|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2401/2020|2020-10-13|EPI_ISL_644557|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/South Africa/KRISP-K004542/2020|2020-10-22|EPI_ISL_660239|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Switzerland/BL-42205226/2020|2020-03-24|EPI_ISL_581735|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Australia/VIC2171/2020|2020-06-23|EPI_ISL_521920|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3860/2020|2020-07-13|EPI_ISL_520573|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/205260872/2020|2020-12-20|EPI_ISL_754329|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7864D/2020|2020-04-05|EPI_ISL_433758|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D6F6/2020|2020-11-16|EPI_ISL_680666|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0036/2020|2020-03-16|EPI_ISL_513448|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Scotland/CVR4902/2020|2020-10-06|EPI_ISL_594669|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-ALDE93/2020|2020-10-01|EPI_ISL_587528|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012285603/2020|2020-08-17|EPI_ISL_745481|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-779CD/2020|2020-03-31|EPI_ISL_439393|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH609/2020|2020-05-06|EPI_ISL_513172|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/MI-MDHHS-SC20430/2020|2020-03-19|EPI_ISL_452304|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-487F79/2020|2020-10-29|EPI_ISL_639329|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7AC21/2020|2020-10-16|EPI_ISL_606724|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14022/2020|2020-07-10|EPI_ISL_739243|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Finland/17A62S12/2020|2020-04-17|EPI_ISL_481580|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr174/2020|2020-07-21|EPI_ISL_636840|Original|hCoV-19^^Taurages apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/ALDP-A2F56C/2020|2020-10-06|EPI_ISL_586944|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP10D09P/2020|2020-03-15|EPI_ISL_427567|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/England/ALDP-9E8357/2020|2020-09-24|EPI_ISL_637413|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0667-IPL/2020|2020-05-01|EPI_ISL_483289|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-20354/2020|2020-09-28|EPI_ISL_748134|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A67B3/2020|2020-08-31|EPI_ISL_550062|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D8A6/2020|2020-03-25|EPI_ISL_484028|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9557/2020|2020-11-09|EPI_ISL_668721|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC12821/2020|2020-08-02|EPI_ISL_640996|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19163/2020|2020-11-23|EPI_ISL_783663|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0896/2020|2020-04-10|EPI_ISL_517786|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC5701/2020|2020-07-20|EPI_ISL_518505|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/ALDP-4AC2C0/2020|2020-06-14|EPI_ISL_559619|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/Kraljevo-00040707/2020|2020-07-06|EPI_ISL_644568|Original|hCoV-19^^Kraljevo|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/England/CAMC-B09EC6/2020|2020-10-31|EPI_ISL_673147|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C614C/2020|2020-12-12|EPI_ISL_727867|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-99CB1E/2020|2020-08-31|EPI_ISL_550567|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00599/2020|2020-06-03|EPI_ISL_560354|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/MILK-BDC688/2020|2020-11-27|EPI_ISL_709790|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1183B0/2020|2020-10-27|EPI_ISL_612599|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-900/2020|2020-05-18|EPI_ISL_614464|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12A53D/2020|2020-04-30|EPI_ISL_458492|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5346/2020|2020-10-26|EPI_ISL_651769|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BCF6/2020|2020-11-04|EPI_ISL_666346|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B3193D/2020|2020-11-04|EPI_ISL_646439|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3899/2020|2020-07-13|EPI_ISL_520611|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-28BCDA/2020|2020-05-08|EPI_ISL_457314|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-9EE9C8/2020|2020-09-23|EPI_ISL_580804|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1250558/2020|2020-10-20|EPI_ISL_665216|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/CAMC-B7BE83/2020|2020-11-13|EPI_ISL_724060|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-924AF0/2020|2020-06-23|EPI_ISL_551566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200194/2020|2020-08-10|EPI_ISL_752753|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/WA-OHSU-1831/2020|2020-07-27|EPI_ISL_526109|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/PG-5101/2020|2020-08-00|EPI_ISL_690210|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-2341/2020|2020-05-00|EPI_ISL_685946|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B669C6/2020|2020-11-11|EPI_ISL_654998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-123D1E/2020|2020-04-07|EPI_ISL_492820|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B51F80/2020|2020-11-08|EPI_ISL_658041|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20189019804/2020|2020-05-01|EPI_ISL_465525|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19671/2020|2020-11-23|EPI_ISL_784029|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Austria/CeMM0149/2020|2020-03-03|EPI_ISL_437997|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUH-99035E/2020|2020-08-25|EPI_ISL_539922|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B86034/2020|2020-11-13|EPI_ISL_673943|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95090D/2020|2020-06-14|EPI_ISL_554498|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2BDEA/2020|2020-04-10|EPI_ISL_445850|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW97/2020|2020-03-22|EPI_ISL_427769|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/United Arab Emirates/0174/2020|2020-05-18|EPI_ISL_698361|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/PG-4689/2020|2020-08-00|EPI_ISL_689826|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-221DE2/2020|2020-12-19|EPI_ISL_764476|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20510/2020|2020-12-21|EPI_ISL_759197|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/HI-H200526/2020|2020-11-02|EPI_ISL_753059|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-2668/2020|2020-08-17|EPI_ISL_617888|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/DRC/4551/2020|2020-04-30|EPI_ISL_513599|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/MI-MDHHS-SC22658/2020|2020-11-13|EPI_ISL_737272|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/DE-DHSS-F987027/2020|2020-11-29|EPI_ISL_766975|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00236074/2020|2020-03-24|EPI_ISL_536116|Original|hCoV-19^^Quebec|Human|H\u00f4tel-Dieu de Sorel|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-17090/2020|2020-12-14|EPI_ISL_750751|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20491/2020|2020-04-01|EPI_ISL_460030|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-B846E9/2020|2020-11-15|EPI_ISL_675209|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10698/2020|2020-11-02|EPI_ISL_670144|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB7812/2020|2020-09-21|EPI_ISL_572442|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001351/2020|2020-07-01|EPI_ISL_515836|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/LI-EMC-106/2020|2020-10-30|EPI_ISL_722576|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR1631/2020|2020-04-05|EPI_ISL_433634|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03347/2020|2020-11-05|EPI_ISL_765797|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-21633/2020|2020-12-21|EPI_ISL_758276|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1B535/2020|2020-11-01|EPI_ISL_645767|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03774/2020|2020-11-00|EPI_ISL_775083|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Ireland/LD-NVRL-20G48734/2020|2020-04-03|EPI_ISL_708522|Original|hCoV-19^^Longford|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Oakpark|Della Bartola|Ireland

>Spike|hCoV-19/England/ALDP-94F7BC/2020|2020-06-16|EPI_ISL_555779|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20543/2020|2020-11-24|EPI_ISL_728758|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-20243/2020|2020-11-30|EPI_ISL_748067|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6FCA7/2020|2020-10-15|EPI_ISL_606978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4682/2020|2020-04-06|EPI_ISL_486097|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/UT-03867/2020|2020-04-05|EPI_ISL_470724|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/CAMC-B37E29/2020|2020-11-05|EPI_ISL_658916|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1116/2020|2020-08-07|EPI_ISL_526602|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BRIS-1222D4/2020|2020-03-23|EPI_ISL_440051|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F8257/2020|2020-09-27|EPI_ISL_588833|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94EF4C/2020|2020-06-17|EPI_ISL_556137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2345/2020|2020-06-12|EPI_ISL_496977|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MN-QDX-1760/2020|2020-03-17|EPI_ISL_604085|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-BAC86D/2020|2020-11-18|EPI_ISL_720384|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-79EEF7/2020|2020-07-15|EPI_ISL_533040|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-108734/2020|2020-06-23|EPI_ISL_746546|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Switzerland/AG-ETHZ-120009/2020|2020-04-17|EPI_ISL_468209|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-6892/2020|2020-06-25|EPI_ISL_546326|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT0777a/2020|2020-03-20|EPI_ISL_511036|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-19993/2020|2020-12-07|EPI_ISL_747915|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9CAADE/2020|2020-09-16|EPI_ISL_575718|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD7DB/2020|2020-10-01|EPI_ISL_587950|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21570/2020|2020-03-21|EPI_ISL_516297|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB3652/2020|2020-04-27|EPI_ISL_439304|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Austria/CeMM0224/2020|2020-03-17|EPI_ISL_438058|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Scotland/CVR3876/2020|2020-05-30|EPI_ISL_484665|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/MH-AFCO-8223/2020|2020-06-17|EPI_ISL_722188|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/UT-UPHL-201119439/2020|2020-05-01|EPI_ISL_634904|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/United Arab Emirates/0562/2020|2020-05-19|EPI_ISL_698722|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/CVR261/2020|2020-03-20|EPI_ISL_433277|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16949F/2020|2020-06-25|EPI_ISL_499446|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1154/2020|2020-12-19|EPI_ISL_763229|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/UT-AR7/2020|2020-05-30|EPI_ISL_508204|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Australia/VIC16935/2020|2020-00-00|EPI_ISL_663646|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/R12710-20/2020|2020-06-16|EPI_ISL_504237|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/CA-QDX-1579/2020|2020-03-18|EPI_ISL_603893|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-BAFCB9/2020|2020-11-17|EPI_ISL_720339|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1580/2020|2020-10-22|EPI_ISL_624242|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5056/2020|2020-06-24|EPI_ISL_544492|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-1138/2020|2020-04-25|EPI_ISL_529928|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-9E66D8/2020|2020-09-25|EPI_ISL_580443|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB3BFF/2020|2020-10-20|EPI_ISL_650198|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-7204/2020|2020-08-04|EPI_ISL_582940|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CT-UW328/2020|2020-03-14|EPI_ISL_418895|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14076/2020|2020-08-14|EPI_ISL_787362|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC15231/2020|2020-08-02|EPI_ISL_593207|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-14366/2020|2020-07-09|EPI_ISL_739600|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Spain/GA-IBV-004045/2020|2020-03-17|EPI_ISL_510284|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-9AB46C/2020|2020-08-31|EPI_ISL_551198|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D8F3/2020|2020-10-06|EPI_ISL_586208|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-8FCA7A/2020|2020-06-24|EPI_ISL_557065|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2140/2020|2020-05-21|EPI_ISL_486362|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/WA-S2757/2020|2020-07-28|EPI_ISL_525747|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Canada/BC_08419582/2020|2020-04-00|EPI_ISL_466832|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/LIVE-9FADB/2020|2020-06-06|EPI_ISL_472038|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4323/2020|2020-08-31|EPI_ISL_615523|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AB81DD/2020|2020-10-21|EPI_ISL_623250|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20718/2020|2020-12-14|EPI_ISL_790784|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-A87BBB/2020|2020-10-17|EPI_ISL_606087|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11563/2020|2020-08-27|EPI_ISL_562646|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20139044104/2020|2020-03-29|EPI_ISL_420680|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/1190/2020|2020-04-14|EPI_ISL_648118|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/CA-CZB-11550/2020|2020-07-12|EPI_ISL_625548|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WI-UW-509/2020|2020-06-08|EPI_ISL_484884|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-2DF6A/2020|2020-04-10|EPI_ISL_446042|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC16293/2020|2020-08-21|EPI_ISL_641266|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR5900/2020|2020-11-17|EPI_ISL_705658|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORT-29AB17/2020|2020-05-21|EPI_ISL_492467|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62845/2020|2020-11-09|EPI_ISL_656433|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142131104/2020|2020-03-30|EPI_ISL_465962|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4898D6/2020|2020-10-27|EPI_ISL_652422|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AADA6/2020|2020-04-19|EPI_ISL_470234|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1068/2020|2020-04-21|EPI_ISL_437068|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/ALDP-CB5DE9/2020|2020-12-18|EPI_ISL_761821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH1-127/2020|2020-03-02|EPI_ISL_454908|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Wales/PHWC-49A605/2020|2020-12-02|EPI_ISL_727573|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-548043/2020|2020-05-14|EPI_ISL_533416|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-220066/2020|2020-07-25|EPI_ISL_512035|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/SHEF-10D75A6/2020|2020-12-04|EPI_ISL_742101|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A80E04/2020|2020-10-14|EPI_ISL_625310|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17804/2020|2020-12-14|EPI_ISL_749576|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2173/2020|2020-08-10|EPI_ISL_617472|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-265/2020|2020-04-16|EPI_ISL_523607|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Russia/MOW-RII-MH2001S/2020|2020-06-15|EPI_ISL_596344|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0072v1/2020|2020-04-10|EPI_ISL_644276|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/EDB3079/2020|2020-04-04|EPI_ISL_489029|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-O2-P4M/2020|2020-04-15|EPI_ISL_471645|Vero P4|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/WI-WSLH-200231/2020|2020-04-12|EPI_ISL_578451|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Northern Ireland/NIRE-107590/2020|2020-03-29|EPI_ISL_585170|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2020/2020|2020-00-00|EPI_ISL_579208|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/NY-NYUMC566/2020|2020-03-30|EPI_ISL_444683|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/ME-HETL-J0125/2020|2020-09-06|EPI_ISL_755324|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Wales/PHWC-16DD90/2020|2020-09-27|EPI_ISL_577532|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10D554E/2020|2020-12-17|EPI_ISL_742074|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1542/2020|2020-08-28|EPI_ISL_568640|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-10036/2020|2020-05-29|EPI_ISL_461454|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/VD-42205435/2020|2020-03-24|EPI_ISL_581784|Original|hCoV-19^^Vaud|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/PHWC-49C560/2020|2020-12-11|EPI_ISL_742571|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9B6686/2020|2020-08-28|EPI_ISL_573026|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6398/2020|2020-09-28|EPI_ISL_622324|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11615/2020|2020-11-02|EPI_ISL_671025|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IA-GMF-32907/2020|2020-11-10|EPI_ISL_661169|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/VA-DCLS-2012/2020|2020-10-14|EPI_ISL_677165|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-6939/2020|2020-10-12|EPI_ISL_619785|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA3A43/2020|2020-10-22|EPI_ISL_624264|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-AA5443/2020|2020-10-21|EPI_ISL_625138|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02760/2020|2020-04-29|EPI_ISL_522276|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-04840/2020|2020-05-22|EPI_ISL_575166|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/IA-GMF-09911/2020|2020-07-08|EPI_ISL_547604|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUH-89873D/2020|2020-07-27|EPI_ISL_532682|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GR-RIVM-20418/2020|2020-11-29|EPI_ISL_728638|Original|hCoV-19^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MI-QDX-739/2020|2020-03-21|EPI_ISL_571472|Original|hCoV-19^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Luxembourg/LNS2446787/2020|2020-03-21|EPI_ISL_740125|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/India/MH-ACTREC-519/2020|2020-08-21|EPI_ISL_700165|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-4030/2020|2020-06-16|EPI_ISL_543310|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-2395/2020|2020-12-15|EPI_ISL_754620|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUH-B9E42E/2020|2020-11-18|EPI_ISL_720915|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-171519/2020|2020-03-28|EPI_ISL_489591|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162E7A/2020|2020-05-19|EPI_ISL_473211|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22207/2020|2020-12-14|EPI_ISL_758613|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-C71C0A/2020|2020-12-16|EPI_ISL_768977|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/33/2020|2020-03-11|EPI_ISL_420110|Vero P1|hCoV-19^Singapore|Human|National Centre for Infectious Diseases|Programme in Emerging Infectious Diseases|Smith|Singapore

>Spike|hCoV-19/Denmark/DCGC-17163/2020|2020-12-14|EPI_ISL_750334|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/R12656-20/2020|2020-06-16|EPI_ISL_504211|Original|hCoV-19^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/CAMC-A646D1/2020|2020-10-10|EPI_ISL_609091|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-97005107/2020|2020-04-27|EPI_ISL_779735|Original|hCoV-19^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/HI-H200661/2020|2020-12-01|EPI_ISL_753184|Original|hCoV-19^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11961/2020|2020-09-18|EPI_ISL_790147|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0500/2020|2020-04-03|EPI_ISL_480159|Original|hCoV-19^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-6426/2020|2020-10-12|EPI_ISL_620326|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8986/2020|2020-09-00|EPI_ISL_686524|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Austria/CeMM0934/2020|2020-03-26|EPI_ISL_583786|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-CB3FF4/2020|2020-12-19|EPI_ISL_761150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204390681/2020|2020-10-23|EPI_ISL_649868|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CDC-4714/2020|2020-06-05|EPI_ISL_535690|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-32D1D/2020|2020-04-07|EPI_ISL_446681|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/France/NAQ-SC585/2020|2020-05-13|EPI_ISL_663236|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Poitiers|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Gambia/NPHL-2712/2020|2020-08-03|EPI_ISL_561288|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Belgium/reg-0411448/2020|2020-04-11|EPI_ISL_476958|Original|hCoV-19^^Tienen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CZB-13481/2020|2020-10-23|EPI_ISL_672026|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-96BDA9/2020|2020-08-14|EPI_ISL_531339|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22369/2020|2020-11-12|EPI_ISL_708349|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/MI-UM-10036824591/2020|2020-11-06|EPI_ISL_728436|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Wales/PHWC-492BB3/2020|2020-11-26|EPI_ISL_725759|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B7A033/2020|2020-11-12|EPI_ISL_741077|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-0865/2020|2020-00-00|EPI_ISL_684475|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-53EB9A/2020|2020-05-18|EPI_ISL_532269|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2356A4/2020|2020-11-09|EPI_ISL_742127|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7568/2020|2020-06-25|EPI_ISL_546859|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-12635BC/2020|2020-11-04|EPI_ISL_679451|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/VIC12864/2020|2020-07-25|EPI_ISL_592093|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WY-WYPHL010/2020|2020-03-16|EPI_ISL_421547|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/Denmark/DCGC-19356/2020|2020-12-07|EPI_ISL_748903|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21571/2020|2020-12-21|EPI_ISL_758118|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUAH-AAC488/2020|2020-10-21|EPI_ISL_652856|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13745/2020|2020-08-18|EPI_ISL_788838|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC16836/2020|2020-08-16|EPI_ISL_663595|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-4354/2020|2020-07-00|EPI_ISL_692582|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-08532/2020|2020-03-27|EPI_ISL_710584|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMC-AEAFAB/2020|2020-10-25|EPI_ISL_633121|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-RMRC166/2020|2020-05-07|EPI_ISL_455766|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/ALDP-B63677/2020|2020-11-09|EPI_ISL_656553|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1109/2020|2020-06-15|EPI_ISL_615146|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-A475F5/2020|2020-10-06|EPI_ISL_598346|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-990D7E/2020|2020-08-27|EPI_ISL_551912|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-73888/2020|2020-03-30|EPI_ISL_425248|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A0C73/2020|2020-12-12|EPI_ISL_743565|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B99502/2020|2020-11-15|EPI_ISL_673281|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3846/2020|2020-05-01|EPI_ISL_439337|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2209/2020|2020-08-10|EPI_ISL_617512|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A68804/2020|2020-10-12|EPI_ISL_608365|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/1016/2020|2020-06-11|EPI_ISL_699148|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/SHEF-C234D/2020|2020-10-07|EPI_ISL_611800|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480EOA/2020|2020-10-17|EPI_ISL_613006|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Thailand/Samut Sakorn_692/2020|2020-12-21|EPI_ISL_768530|Original|hCoV-19^^Samut Sakorn|Human|Regional Medical Sciences Center 5 Samut Songkhram|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Jordan/AM-ALSR-4973/2020|2020-10-05|EPI_ISL_730246|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/TX-HMH-7958/2020|2020-07-01|EPI_ISL_545740|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-7598/2020|2020-10-12|EPI_ISL_618471|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94A159/2020|2020-06-11|EPI_ISL_556401|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6248/2020|2020-08-00|EPI_ISL_689359|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/OCC-77/2020|2020-09-02|EPI_ISL_603217|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/England/ALDP-A66903/2020|2020-10-12|EPI_ISL_630629|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200342/2020|2020-04-20|EPI_ISL_578517|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Denmark/DCGC-9002/2020|2020-10-26|EPI_ISL_626193|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000968/2020|2020-08-25|EPI_ISL_632999|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MN-MDH-1990/2020|2020-10-22|EPI_ISL_634864|Original|hCoV-19^^Minnesota|Human|HealthPartners Central Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-3034/2020|2020-08-24|EPI_ISL_616812|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Hong Kong/VM20123763/2020|2020-09-19|EPI_ISL_730610|Original|hCoV-19^^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Denmark/DCGC-13108/2020|2020-11-30|EPI_ISL_712586|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1766/2020|2020-11-08|EPI_ISL_755767|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MA-MGH-03361/2020|2020-11-07|EPI_ISL_765803|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/CVR964/2020|2020-03-28|EPI_ISL_439139|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-73IRL41490/2020|2020-09-09|EPI_ISL_639856|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/NOTT-111900/2020|2020-05-28|EPI_ISL_461940|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABAEA/2020|2020-04-20|EPI_ISL_470207|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96DF38/2020|2020-08-17|EPI_ISL_530628|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1842/2020|2020-03-15|EPI_ISL_604158|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WI-UW-2121/2020|2020-10-07|EPI_ISL_677526|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-C49A4D/2020|2020-12-12|EPI_ISL_718715|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1569/2020|2020-09-02|EPI_ISL_569202|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUEH-C347A8/2020|2020-12-11|EPI_ISL_734059|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14600/2020|2020-10-17|EPI_ISL_739633|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-BB56FE/2020|2020-11-20|EPI_ISL_703173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74682/2020|2020-11-12|EPI_ISL_662140|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A8493C/2020|2020-10-18|EPI_ISL_610582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12980/2020|2020-12-07|EPI_ISL_712504|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA3F08/2020|2020-10-22|EPI_ISL_625041|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG319953/2020|2020-05-20|EPI_ISL_694016|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-76D4A/2020|2020-04-02|EPI_ISL_439403|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR2753/2020|2020-04-18|EPI_ISL_448191|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2490/2020|2020-06-12|EPI_ISL_514893|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/NM-NMDOH-2020242033/2020|2020-07-22|EPI_ISL_510882|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FBF56/2020|2020-04-10|EPI_ISL_459381|Original|hCoV-19^^Northern Ireland|Human|Regional Virus

Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Ireland/OY-NVRL-72IRL00335/2020|2020-08-05|EPI_ISL_525416|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/USA/TX-HMH-2472/2020|2020-05-29|EPI_ISL_545329|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUA-A210E1/2020|2020-09-29|EPI_ISL_587700|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B84379/2020|2020-11-14|EPI_ISL_674211|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Nigeria/OY636-CV192/2020|2020-06-17|EPI_ISL_527915|Original|hCoV-19^^Oyo|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria
>Spike|hCoV-19/India/DL-NCDC2020-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482527|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India
>Spike|hCoV-19/Switzerland/ZH-ETHZ-240064/2020|2020-08-13|EPI_ISL_523904|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/QEUA-AE233E/2020|2020-10-27|EPI_ISL_633615|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-951/2020|2020-05-13|EPI_ISL_509950|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Wales/PHWC-489038/2020|2020-10-27|EPI_ISL_637604|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Iceland/181/2020|2020-03-16|EPI_ISL_417814|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland
>Spike|hCoV-19/USA/AZ-TG547375/2020|2020-07-07|EPI_ISL_695512|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/Portugal/PT1913/2020|2020-11-13|EPI_ISL_732126|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19/Australia/VIC5933/2020|2020-07-21|EPI_ISL_518712|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/MILK-BA9BA3/2020|2020-11-17|EPI_ISL_681641|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC3372/2020|2020-07-06|EPI_ISL_521051|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Jordan/AM-ALSR-5006/2020|2020-10-11|EPI_ISL_730279|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/England/QEUA-A1EFF9/2020|2020-09-29|EPI_ISL_587356|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL707/2020|2020-07-14|EPI_ISL_653399|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH762/2020|2020-04-18|EPI_ISL_513236|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/South Africa/KRISP-K003403/2020|2020-09-11|EPI_ISL_602791|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CO-CDPHE-2100004497/2020|2020-11-19|EPI_ISL_771285|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22289/2020|2020-11-04|EPI_ISL_666955|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/BRIS-1232B5/2020|2020-04-05|EPI_ISL_442754|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B8C03E/2020|2020-11-11|EPI_ISL_709886|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C4BC27/2020|2020-12-14|EPI_ISL_757102|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-AFCO-15230/2020|2020-07-25|EPI_ISL_721631|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Denmark/DCGC-3608/2020|2020-09-07|EPI_ISL_616374|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-481179/2020|2020-10-15|EPI_ISL_613039|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/SP-L9-CD124/2020|2020-03-23|EPI_ISL_476473|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/Switzerland/BL-ETHZ-410961/2020|2020-11-27|EPI_ISL_737680|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A4707C/2020|2020-10-06|EPI_ISL_598379|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MH-NVRL-20G44535/2020|2020-03-30|EPI_ISL_605088|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/USA/WI-UW-18/2020|2020-03-17|EPI_ISL_417515|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Braun|USA

>Spike|hCoV-19/USA/TX-HMH-2606/2020|2020-06-07|EPI_ISL_545422|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/QEUH-96AAA3/2020|2020-08-17|EPI_ISL_531418|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E0B2/2020|2020-06-16|EPI_ISL_555336|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-EMC-36/2020|2020-05-26|EPI_ISL_523405|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-UW332/2020|2020-03-16|EPI_ISL_418899|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LOND-12F098B/2020|2020-11-20|EPI_ISL_679595|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3206/2020|2020-08-31|EPI_ISL_616029|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2F62AB/2020|2020-11-28|EPI_ISL_741756|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2811/2020|2020-07-06|EPI_ISL_648542|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUEH-9C7AD1/2020|2020-09-10|EPI_ISL_567151|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5994/2020|2020-09-28|EPI_ISL_621103|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-3197/2020|2020-06-02|EPI_ISL_635909|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/EDB5673/2020|2020-04-12|EPI_ISL_473831|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1501/2020|2020-09-14|EPI_ISL_541628|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Ireland/CE-UHL121/2020|2020-04-07|EPI_ISL_681707|Original|hCoV-19^^Clare|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Gibraltar/205121253/2020|2020-00-00|EPI_ISL_766373|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Japan/PG-4588/2020|2020-08-00|EPI_ISL_689725|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BS-UHB-42200112/2020|2020-03-20|EPI_ISL_528269|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/UT-019/2020|2020-03-13|EPI_ISL_418962|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-13945/2020|2020-06-22|EPI_ISL_739544|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/South Korea/KCDC2107/2020|2020-03-10|EPI_ISL_498008|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMC-AAFD3F/2020|2020-10-21|EPI_ISL_623411|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F4015/2020|2020-09-24|EPI_ISL_588676|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C16E0/2020|2020-04-20|EPI_ISL_495087|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1273/2020|2020-04-07|EPI_ISL_579661|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Russia/OMS-ORINFI-8583S/2020|2020-07-22|EPI_ISL_569790|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-A936E8/2020|2020-10-20|EPI_ISL_611093|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12AD80/2020|2020-05-01|EPI_ISL_458328|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654299/2020|2020-04-11|EPI_ISL_695955|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUH-AD1BFE/2020|2020-10-26|EPI_ISL_643999|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1971/2020|2020-03-13|EPI_ISL_604292|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-9F748F/2020|2020-09-25|EPI_ISL_589092|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-68A28A/2020|2020-07-02|EPI_ISL_557996|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC0D6/2020|2020-11-23|EPI_ISL_724487|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/204691902/2020|2020-11-14|EPI_ISL_693447|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-7215D6/2020|2020-06-28|EPI_ISL_557579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D07C/2020|2020-10-06|EPI_ISL_586714|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5599/2020|2020-08-00|EPI_ISL_688724|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A4741/2020|2020-12-16|EPI_ISL_764727|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C3FBFC/2020|2020-12-10|EPI_ISL_719286|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C01391/2020|2020-12-04|EPI_ISL_720776|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12E84F/2020|2020-04-23|EPI_ISL_488441|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48745C/2020|2020-10-29|EPI_ISL_639196|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94BB87/2020|2020-06-11|EPI_ISL_555775|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-321/2020|2020-05-02|EPI_ISL_534316|Original|hCoV-19^^S\u00e3o Paulo|Human|OS Mun Santana Lauro Ribas Braga|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Portugal/PT1178/2020|2020-03-24|EPI_ISL_511724|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/WA74/2020|2020-07-07|EPI_ISL_512727|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Wales/ALDP-C39E17/2020|2020-12-08|EPI_ISL_767221|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003347/2020|2020-09-04|EPI_ISL_602739|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Russia/NGR-RII-MH6321S/2020|2020-11-12|EPI_ISL_733381|Original|hCoV-19^^Novgorod|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/NORT-2819EC/2020|2020-03-22|EPI_ISL_472172|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC137/2020|2020-03-22|EPI_ISL_419830|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-2341B3/2020|2020-10-14|EPI_ISL_680350|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1893/2020|2020-06-03|EPI_ISL_495169|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/CA-CZB-2509/2020|2020-05-18|EPI_ISL_513894|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Canada/ON-S1298/2020|2020-05-18|EPI_ISL_586342|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-B1AF0B/2020|2020-11-01|EPI_ISL_645937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-101190/2020|2020-03-31|EPI_ISL_451852|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/EDB5389/2020|2020-04-02|EPI_ISL_461736|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2417/2020|2020-10-14|EPI_ISL_644564|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/IA-GMF-32590/2020|2020-11-09|EPI_ISL_661156|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/PHWC-485C47/2020|2020-10-26|EPI_ISL_628268|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0613/2020|2020-04-03|EPI_ISL_508817|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Norway/5797/2020|2020-11-10|EPI_ISL_708178|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/LEED-2A9DE2/2020|2020-03-24|EPI_ISL_538773|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E0A3/2020|2020-06-16|EPI_ISL_555323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008606/2020|2020-06-11|EPI_ISL_654190|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-1769/2020|2020-03-27|EPI_ISL_476786|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NY-NYUMC808/2020|2020-03-27|EPI_ISL_456044|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-7A274/2020|2020-04-02|EPI_ISL_441314|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB1339/2020|2020-04-10|EPI_ISL_433436|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0681/2020|2020-05-15|EPI_ISL_698834|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/PG-2040/2020|2020-05-00|EPI_ISL_685645|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0286/2020|2020-06-13|EPI_ISL_527853|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20128009404/2020|2020-03-19|EPI_ISL_423928|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/MH-NCCS-NR2359/2020|2020-05-22|EPI_ISL_496581|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/AZ-TG392965/2020|2020-06-18|EPI_ISL_694708|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC3229/2020|2020-06-29|EPI_ISL_520912|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-22343/2020|2020-12-14|EPI_ISL_758691|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-9398/2020|2020-11-16|EPI_ISL_668950|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49D2C2/2020|2020-12-10|EPI_ISL_742761|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0049/2020|2020-03-20|EPI_ISL_512655|Original|hCoV-19^^San Jose|Human|Hospital De Ni\u00f1os Dr. Carlos Saenz Herrera [San Jose/San Jose]|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/Wales/PHWC-491A4E/2020|2020-11-09|EPI_ISL_706730|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE378/2020|2020-09-10|EPI_ISL_568155|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036195123/2020|2020-09-29|EPI_ISL_590739|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUH-A0B250/2020|2020-10-01|EPI_ISL_599142|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036852618/2020|2020-11-09|EPI_ISL_728495|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-0010/2020|2020-02-18|EPI_ISL_479797|Original|hCoV-19^^Kanto|Human|Sagamihara City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20366/2020|2020-12-21|EPI_ISL_759107|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CD430/2020|2020-04-05|EPI_ISL_432545|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-0193/2020|2020-03-16|EPI_ISL_479898|Original|hCoV-19^^Kanto|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16B4E8/2020|2020-09-16|EPI_ISL_560297|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6FCE/2020|2020-09-24|EPI_ISL_580528|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B65CDD/2020|2020-11-10|EPI_ISL_676374|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2284/2020|2020-06-10|EPI_ISL_497712|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-839CE/2020|2020-04-15|EPI_ISL_443337|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5223/2020|2020-04-29|EPI_ISL_640102|Original|hCoV-19^^Western Cape|Human|Vanguard CHC wc VGC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/ALDP-A92C23/2020|2020-10-19|EPI_ISL_610959|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1192/2020|2020-04-14|EPI_ISL_648120|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Denmark/DCGC-16535/2020|2020-11-16|EPI_ISL_714822|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1508/2020|2020-04-26|EPI_ISL_527573|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/env/Qingdao/IVDC-011-10/2020|2020-10-07|EPI_ISL_591280|Vero C2|hCoV-19^^Shandong|Environment|National Institute for Viral Disease Control and Prevention|National Institute for Viral Disease Control and Prevention|Chen|China

>Spike|hCoV-19/Wales/PHWC-49F785/2020|2020-12-08|EPI_ISL_743265|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/990/2020|2020-03-15|EPI_ISL_548998|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-13691/2020|2020-11-30|EPI_ISL_712962|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-2006S001056/2020|2020-04-01|EPI_ISL_484801|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-7867/2020|2020-07-00|EPI_ISL_686968|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B8EB3B/2020|2020-11-13|EPI_ISL_674720|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1334/2020|2020-03-31|EPI_ISL_433544|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-AAC1FA/2020|2020-10-21|EPI_ISL_652848|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42174724-2/2020|2020-03-03|EPI_ISL_527921|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-16283/2020|2020-11-16|EPI_ISL_714470|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-001959/2020|2020-03-14|EPI_ISL_452422|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/France/PAC-IHU-1407/2020|2020-08-10|EPI_ISL_569154|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-9E74CE/2020|2020-09-24|EPI_ISL_594475|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Burkina Faso/2939/2020|2020-09-21|EPI_ISL_660520|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CH\u00f9 Sourou Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Wales/PHWC-49F257/2020|2020-12-05|EPI_ISL_743185|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8766/2020|2020-09-00|EPI_ISL_686362|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-C54432/2020|2020-12-12|EPI_ISL_757065|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16474/2020|2020-11-16|EPI_ISL_714790|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B67EE4/2020|2020-11-11|EPI_ISL_661379|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA116/2020|2020-03-28|EPI_ISL_596679|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/CAMC-B77E5A/2020|2020-11-12|EPI_ISL_783440|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9DA72F/2020|2020-09-22|EPI_ISL_601446|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13381/2020|2020-05-12|EPI_ISL_672038|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-AD2498/2020|2020-10-24|EPI_ISL_634185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13ABCF/2020|2020-11-06|EPI_ISL_664287|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B079A9/2020|2020-10-30|EPI_ISL_643759|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/N00060/2020|2020-08-12|EPI_ISL_623066|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/CAMC-B20FA8/2020|2020-11-01|EPI_ISL_647748|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH938/2020|2020-05-26|EPI_ISL_513202|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/VIC15823/2020|2020-08-09|EPI_ISL_593467|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-9D1D44/2020|2020-09-19|EPI_ISL_601515|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S853/2020|2020-04-24|EPI_ISL_463343|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/UT-UPHL-05569/2020|2020-06-02|EPI_ISL_575225|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB8382/2020|2020-10-14|EPI_ISL_612351|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10848/2020|2020-07-27|EPI_ISL_583093|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-A2FF04/2020|2020-10-06|EPI_ISL_587082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2367/2020|2020-05-15|EPI_ISL_513808|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Germany/HH-hpi-p1657/2020|2020-03-18|EPI_ISL_775718|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/TX-HMH-MCoV-13088/2020|2020-08-27|EPI_ISL_788239|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-9CEF9F/2020|2020-09-17|EPI_ISL_601947|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB5CB/2020|2020-04-27|EPI_ISL_444325|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0227/2020|2020-09-25|EPI_ISL_755387|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUH-A9EBEE/2020|2020-10-19|EPI_ISL_721558|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E90D0/2020|2020-04-28|EPI_ISL_461818|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3839/2020|2020-07-27|EPI_ISL_561098|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/MILK-A193A7/2020|2020-10-03|EPI_ISL_612509|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC14358/2020|2020-07-29|EPI_ISL_592466|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-6709/2020|2020-04-20|EPI_ISL_622387|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3B02E/2020|2020-12-09|EPI_ISL_731846|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/RYR-030649/2020|2020-03-06|EPI_ISL_420315|Original|hCoV-19^^Yernee-fraineux|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/NJ-QDX-1223/2020|2020-03-16|EPI_ISL_571978|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-1D706B/2020|2020-09-23|EPI_ISL_584591|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-100095/2020|2020-03-13|EPI_ISL_451687|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-QDX-913/2020|2020-03-22|EPI_ISL_571597|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Colombia/CAL-INS-79489/2020|2020-03-12|EPI_ISL_456123|Original|hCoV-19^^Caldas|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/Wales/PHWC-48E5BC/2020|2020-11-12|EPI_ISL_680880|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008847/2020|2020-06-01|EPI_ISL_524864|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/OR-OHSU-1895/2020|2020-07-28|EPI_ISL_526062|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-AA3506/2020|2020-10-22|EPI_ISL_624061|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10EBB5/2020|2020-03-27|EPI_ISL_432902|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII6053S/2020|2020-04-15|EPI_ISL_430104|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/BRIS-123507/2020|2020-04-05|EPI_ISL_442626|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/201360214/2020|2020-03-25|EPI_ISL_423245|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0859/2020|2020-06-29|EPI_ISL_514205|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MA-JLL-435722S/2020|2020-05-06|EPI_ISL_648268|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/Ireland/D-NVRL-20IRL76962/2020|2020-11-05|EPI_ISL_732402|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-CZB-1648/2020|2020-04-18|EPI_ISL_468592|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/SHEF-10CCE21/2020|2020-12-06|EPI_ISL_741996|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3444/2020|2020-08-31|EPI_ISL_616206|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-95FAB0/2020|2020-08-03|EPI_ISL_532487|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-13121E/2020|2020-05-20|EPI_ISL_467711|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-30BBB/2020|2020-04-10|EPI_ISL_446332|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B8C05C/2020|2020-11-13|EPI_ISL_674468|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-106FDF/2020|2020-03-27|EPI_ISL_585095|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Japan/PG-3717/2020|2020-04-00|EPI_ISL_691970|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B55DCE/2020|2020-11-06|EPI_ISL_658324|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201790215/2020|2020-04-24|EPI_ISL_500952|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B67655/2020|2020-11-11|EPI_ISL_661534|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74066/2020|2020-11-12|EPI_ISL_662281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-289/2020|2020-08-24|EPI_ISL_577838|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0657/2020|2020-10-22|EPI_ISL_700538|Original|hCoV-19^^Western Cape|Human|Conville CDC wc CVC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Portugal/PT1963/2020|2020-11-23|EPI_ISL_731900|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-48B85C/2020|2020-11-05|EPI_ISL_666290|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10C93BC/2020|2020-12-22|EPI_ISL_764216|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-A0025B/2020|2020-09-29|EPI_ISL_600452|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149054304/2020|2020-04-04|EPI_ISL_466215|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9A88DC/2020|2020-09-01|EPI_ISL_549430|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-CEC129/2020|2020-12-19|EPI_ISL_781457|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA219/2020|2020-03-28|EPI_ISL_596782|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Costa Rica/INC-0038/2020|2020-03-16|EPI_ISL_491449|Original|hCoV-19^^Alajuela|Human|Area de Salud Alajuela Sur|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/England/QEUEH-C31EC4/2020|2020-12-11|EPI_ISL_731259|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WV-CDC-2-3714290/2020|2020-12-01|EPI_ISL_751566|Original|hCoV-19^^West Virginia|Human|WVDHHR - Office of Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-A92D4E/2020|2020-10-19|EPI_ISL_611149|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A506F6/2020|2020-10-07|EPI_ISL_597831|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2C08/2020|2020-12-13|EPI_ISL_743994|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12291/2020|2020-10-07|EPI_ISL_648386|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-2D44D/2020|2020-04-04|EPI_ISL_445986|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH216/2020|2020-11-15|EPI_ISL_755072|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/BRIS-12CC18/2020|2020-04-19|EPI_ISL_481957|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12FF67/2020|2020-04-10|EPI_ISL_492519|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5367/2020|2020-08-00|EPI_ISL_690470|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-IGI-0741/2020|2020-07-30|EPI_ISL_677884|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Finland/30M77S3/2020|2020-03-30|EPI_ISL_481658|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-16E4A9/2020|2020-09-29|EPI_ISL_585723|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/1072/2020|2020-10-05|EPI_ISL_596462|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/CA-CDPH284/2020|2020-11-14|EPI_ISL_754924|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Australia/VIC11700/2020|2020-07-22|EPI_ISL_563464|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-1267327/2020|2020-12-07|EPI_ISL_741272|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUA-B6C5BD/2020|2020-11-11|EPI_ISL_661467|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI375/2020|2020-03-22|EPI_ISL_429480|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/France/BRE-5355/2020|2020-03-24|EPI_ISL_443271|Original|hCoV-19^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/CAMC-B51ADA/2020|2020-11-06|EPI_ISL_658197|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/990333193/2020|2020-03-26|EPI_ISL_447260|Original|hCoV-19^^South Coast District|Human|Microbiology laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/ALDP-B48DFB/2020|2020-11-07|EPI_ISL_649387|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1112/2020|2020-04-06|EPI_ISL_433402|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664227/2020|2020-04-28|EPI_ISL_696035|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Sweden/20-53768/2020|2020-12-14|EPI_ISL_766711|Original|hCoV-19^^Dalarna|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-480CB5/2020|2020-10-18|EPI_ISL_611711|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/L00168/2020|2020-07-27|EPI_ISL_623073|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Scotland/QEUA-997BC8/2020|2020-08-28|EPI_ISL_559993|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-6783/2020|2020-08-00|EPI_ISL_687892|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA1B06/2020|2020-10-22|EPI_ISL_624437|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00465/2020|2020-04-30|EPI_ISL_693098|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Wales/PHWC-48F3B1/2020|2020-11-09|EPI_ISL_681085|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7619/2020|2020-08-00|EPI_ISL_686721|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/R13506-20/2020|2020-07-10|EPI_ISL_622925|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-096/2020|2020-05-23|EPI_ISL_469298|Original|hCoV-19^^Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Scotland/QEUH-9CA2C7/2020|2020-09-13|EPI_ISL_576080|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16983/2020|2020-12-14|EPI_ISL_750687|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/LR00138/2020|2020-07-20|EPI_ISL_514369|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/LOND-1264D4A/2020|2020-11-23|EPI_ISL_724562|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAIMRC64/2020|2020-04-03|EPI_ISL_507028|unknown|hCoV-19^^Saudi Arabia|Human|unknown|Infectious Diseases Research|Submitter|Saudi Arabia

>Spike|hCoV-19/England/QEUH-B43710/2020|2020-11-08|EPI_ISL_657076|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-21004/2020|2020-12-26|EPI_ISL_791021|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-497653/2020|2020-11-30|EPI_ISL_726861|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG392628/2020|2020-06-19|EPI_ISL_694703|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8842/2020|2020-07-01|EPI_ISL_780789|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC-BCCDC-8356/2020|2020-11-00|EPI_ISL_740749|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Scotland/QEUH-9F66F3/2020|2020-09-27|EPI_ISL_600663|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2449/2020|2020-11-20|EPI_ISL_734196|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-A6D5CC/2020|2020-10-14|EPI_ISL_607227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22115/2020|2020-09-29|EPI_ISL_614166|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Iran/SA-Isf-14/2020|2020-05-10|EPI_ISL_582005|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/USA/WI-UW-603/2020|2020-06-25|EPI_ISL_484978|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-16DBF0/2020|2020-09-21|EPI_ISL_577506|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Peru/AMZ-UPCH-0256/2020|2020-08-29|EPI_ISL_729902|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/USA/NY-Wadsworth-292769-01/2020|2020-12-26|EPI_ISL_769942|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-9A473D/2020|2020-09-01|EPI_ISL_568371|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A706C3/2020|2020-10-15|EPI_ISL_607722|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1814/2020|2020-04-16|EPI_ISL_433138|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B99186/2020|2020-11-15|EPI_ISL_673817|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM061/2020|2020-03-18|EPI_ISL_444557|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/VA-DCLS-2329/2020|2020-10-27|EPI_ISL_734276|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-C32BCC/2020|2020-12-11|EPI_ISL_782585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2175/2020|2020-11-21|EPI_ISL_723126|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-16780/2020|2020-12-14|EPI_ISL_750558|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2F61BD/2020|2020-12-12|EPI_ISL_741748|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10024/2020|2020-03-30|EPI_ISL_421198|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-27FCA/2020|2020-03-25|EPI_ISL_431983|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10324/2020|2020-07-29|EPI_ISL_540491|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Switzerland/BE-ETHZ-100806/2020|2020-03-25|EPI_ISL_451756|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-11F762/2020|2020-11-26|EPI_ISL_725563|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0560/2020|2020-04-08|EPI_ISL_569595|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/LA-EVTL092/2020|2020-05-06|EPI_ISL_451253|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Germany/SH-ChVir4733/2020|2020-04-08|EPI_ISL_729550|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/India/UT-50438-CSIR-IGIB/2020|2020-07-26|EPI_ISL_636748|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/MILK-ACDC7A/2020|2020-10-22|EPI_ISL_630050|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00269/2020|2020-04-01|EPI_ISL_460164|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/MILK-B86447/2020|2020-11-13|EPI_ISL_674001|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-21673/2020|2020-08-03|EPI_ISL_570815|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-9C3AA8/2020|2020-09-11|EPI_ISL_566819|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A4B88F/2020|2020-10-08|EPI_ISL_628486|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0133/2020|2020-08-27|EPI_ISL_568529|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Denmark/DCGC-5236/2020|2020-09-14|EPI_ISL_615167|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A47BF3/2020|2020-10-05|EPI_ISL_598367|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96A706/2020|2020-08-12|EPI_ISL_531555|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C979C/2020|2020-09-10|EPI_ISL_567519|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D4E9/2020|2020-10-06|EPI_ISL_586810|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB3D35/2020|2020-10-20|EPI_ISL_650933|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-A0BF77/2020|2020-10-03|EPI_ISL_599288|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2E048/2020|2020-04-10|EPI_ISL_446050|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2116/2020|2020-03-11|EPI_ISL_653269|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-A94CB8/2020|2020-10-19|EPI_ISL_624606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20869/2020|2020-04-29|EPI_ISL_471890|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/OXON-B25C2/2020|2020-04-10|EPI_ISL_479158|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-BDC327/2020|2020-11-26|EPI_ISL_709679|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3092/2020|2020-08-20|EPI_ISL_635844|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Thailand/SI200383-NT/2020|2020-01-23|EPI_ISL_437622|unknown|hCoV-19^^Thailand|Human|unknown|Faculty of Medicine|Submitter|Thailand

>Spike|hCoV-19/England/NORW-E829F/2020|2020-04-08|EPI_ISL_449133|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-13/2020|2020-03-11|EPI_ISL_417458|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/NORW-EB320/2020|2020-05-02|EPI_ISL_457418|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/BC_22451513/2020|2020-03-00|EPI_ISL_462831|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/QEUA-AD246B/2020|2020-10-25|EPI_ISL_634112|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10696/2020|2020-11-02|EPI_ISL_670143|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8811/2020|2020-08-02|EPI_ISL_565210|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUA-96C29A/2020|2020-08-15|EPI_ISL_530906|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B7227E/2020|2020-11-25|EPI_ISL_724863|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Netherlands/GR-RIVM-20248/2020|2020-11-23|EPI_ISL_723395|Original|hCoV-19^^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Japan/PG-2892/2020|2020-03-00|EPI_ISL_691018|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B2D5F4/2020|2020-11-04|EPI_ISL_659910|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19504/2020|2020-11-30|EPI_ISL_783885|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-0019/2020|2020-05-07|EPI_ISL_517960|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-2BE50/2020|2020-04-10|EPI_ISL_445857|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA197/2020|2020-09-24|EPI_ISL_579965|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20126002304/2020|2020-03-18|EPI_ISL_423870|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-231/2020|2020-03-26|EPI_ISL_436326|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/France/PAC-MEPHI-2049/2020|2020-08-29|EPI_ISL_644481|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-9E1093/2020|2020-09-20|EPI_ISL_580950|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/NAQ-SC296/2020|2020-05-05|EPI_ISL_666717|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-10143/2020|2020-07-06|EPI_ISL_789341|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48FC7A/2020|2020-11-11|EPI_ISL_681209|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A515BC/2020|2020-10-07|EPI_ISL_598169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012266977/2020|2020-10-02|EPI_ISL_746102|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Luxembourg/LNS9402077/2020|2020-11-10|EPI_ISL_744904|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/NB-RIVM-20399/2020|2020-12-09|EPI_ISL_728619|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMB-7BD18/2020|2020-04-05|EPI_ISL_442107|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-A92E5/2020|2020-03-25|EPI_ISL_517291|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NOTT-10E10E/2020|2020-03-14|EPI_ISL_425499|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A943A4/2020|2020-10-19|EPI_ISL_611283|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE-13681164/2020|2020-11-09|EPI_ISL_745249|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>y|Korneenko|Russia

>Spike|hCoV-19/England/EXET-138E7D/2020|2020-10-30|EPI_ISL_664205|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/WA-S571/2020|2020-03-30|EPI_ISL_434331|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Northern Ireland/LIVE-1DDC25/2020|2020-10-10|EPI_ISL_611786|Original|hCoV-19^^Northern Ireland|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-C403A5/2020|2020-12-10|EPI_ISL_718592|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12266/2020|2020-11-16|EPI_ISL_682447|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B814B5/2020|2020-11-14|EPI_ISL_668236|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22310/2020|2020-11-09|EPI_ISL_708286|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/MILK-99A266/2020|2020-08-30|EPI_ISL_550390|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B10E53/2020|2020-11-02|EPI_ISL_642262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42190921/2020|2020-03-13|EPI_ISL_528079|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/New Zealand/20VR2101/2020|2020-04-01|EPI_ISL_579229|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-AA5030/2020|2020-10-21|EPI_ISL_630912|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0566/2020|2020-05-15|EPI_ISL_698725|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Northern Ireland/NIRE-107457/2020|2020-03-31|EPI_ISL_585151|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-9E2988/2020|2020-09-20|EPI_ISL_581140|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1235/2020|2020-12-17|EPI_ISL_768504|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WA17-UW13/2020|2020-03-05|EPI_ISL_413652|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-99E262/2020|2020-08-29|EPI_ISL_568364|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20740/2020|2020-12-21|EPI_ISL_759336|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-99752/2020|2020-04-09|EPI_ISL_439755|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-B045C6/2020|2020-10-24|EPI_ISL_650391|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-76CB6/2020|2020-03-30|EPI_ISL_438409|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Israel/CVL-45532/2020|2020-12-07|EPI_ISL_745047|Original|hCoV-19^^Central|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/ALDP-AA268C/2020|2020-10-22|EPI_ISL_630841|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1591/2020|2020-09-18|EPI_ISL_605468|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-160708/2020|2020-05-24|EPI_ISL_472968|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-83102/2020|2020-04-14|EPI_ISL_443550|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0207/2020|2020-04-20|EPI_ISL_466888|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Japan/PG-3394/2020|2020-04-00|EPI_ISL_691508|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12CA0F/2020|2020-05-15|EPI_ISL_469504|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26684470/2020|2020-04-10|EPI_ISL_485288|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Denmark/DCGC-21385/2020|2020-12-21|EPI_ISL_758139|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5028/2020|2020-09-14|EPI_ISL_622753|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SH-ETHZ-380309/2020|2020-11-24|EPI_ISL_721866|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-EE35A/2020|2020-00-00|EPI_ISL_490531|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/EDB399/2020|2020-03-30|EPI_ISL_425998|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A33644/2020|2020-10-07|EPI_ISL_628398|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-B0AEA7/2020|2020-10-29|EPI_ISL_643635|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VPRL009/2020|2020-04-01|EPI_ISL_455601|Original|hCoV-19^^South Australia|Human|SA Pathology|VPRL|Leong|Australia

>Spike|hCoV-19/England/PORT-2D7185/2020|2020-10-22|EPI_ISL_628325|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/SHEF-10CEC25/2020|2020-12-13|EPI_ISL_727926|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496B82/2020|2020-11-23|EPI_ISL_726695|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A4E13/2020|2020-03-14|EPI_ISL_500092|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR1030/2020|2020-03-30|EPI_ISL_438754|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5643/2020|2020-06-25|EPI_ISL_544929|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-C006C6/2020|2020-12-02|EPI_ISL_720768|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19000/2020|2020-12-07|EPI_ISL_748690|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-2431/2020|2020-08-14|EPI_ISL_667206|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-10713/2020|2020-11-02|EPI_ISL_670156|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AD3BA1/2020|2020-10-26|EPI_ISL_634107|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/CAMC-990E6C/2020|2020-08-28|EPI_ISL_551875|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/556/2020|2020-03-27|EPI_ISL_424576|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Denmark/DCGC-18449/2020|2020-12-07|EPI_ISL_749974|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p2424/2020|2020-04-26|EPI_ISL_776493|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUEH-9B47C1/2020|2020-09-02|EPI_ISL_590254|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0540/2020|2020-04-29|EPI_ISL_626448|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/QEUEH-9ACBC0/2020|2020-09-05|EPI_ISL_559800|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B047C0/2020|2020-10-24|EPI_ISL_651027|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-372/2020|2020-04-05|EPI_ISL_437365|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUEH-A790EA/2020|2020-10-11|EPI_ISL_638786|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1B80AC/2020|2020-10-24|EPI_ISL_637505|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10687/2020|2020-10-26|EPI_ISL_636659|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Japan/PG-3187/2020|2020-04-00|EPI_ISL_691307|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Malaysia/UNIMAS-15772/2020|2020-11-13|EPI_ISL_718193|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/Scotland/EDB326/2020|2020-03-28|EPI_ISL_425972|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B7AD5A/2020|2020-11-13|EPI_ISL_723960|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B8219F/2020|2020-11-14|EPI_ISL_668332|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA41C4/2020|2020-11-18|EPI_ISL_721166|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-215/2020|2020-10-23|EPI_ISL_717615|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Bangladesh/G-149/2020|2020-06-08|EPI_ISL_600492|Original|hCoV-19^^Chittagong|Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19/England/MILK-97488E/2020|2020-08-21|EPI_ISL_575914|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/TI-ETHZ-321378/2020|2020-10-13|EPI_ISL_603622|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-QDX-1872/2020|2020-03-15|EPI_ISL_604186|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/RI-IBV-99005920/2020|2020-03-30|EPI_ISL_537457|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/regal-0427611/2020|2020-04-27|EPI_ISL_734662|Original|hCoV-19^^Herzele|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/FL-BPHL-0227/2020|2020-04-21|EPI_ISL_480878|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/20189158801/2020|2020-05-02|EPI_ISL_465560|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036396766/2020|2020-10-12|EPI_ISL_610066|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-B876F5/2020|2020-11-13|EPI_ISL_724793|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15646/2020|2020-07-09|EPI_ISL_785330|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B857E5/2020|2020-11-14|EPI_ISL_675414|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12F1A5A/2020|2020-12-18|EPI_ISL_763397|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-9DA0D9/2020|2020-09-18|EPI_ISL_576844|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC13082/2020|2020-07-29|EPI_ISL_563617|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-BC06C3/2020|2020-11-23|EPI_ISL_705050|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10CD716/2020|2020-12-03|EPI_ISL_742002|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-1703/2020|2020-04-00|EPI_ISL_685309|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB2846/2020|2020-03-31|EPI_ISL_488909|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5598/2020|2020-06-22|EPI_ISL_544890|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9DDBB7/2020|2020-09-21|EPI_ISL_599621|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498B17/2020|2020-12-04|EPI_ISL_727175|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-7A508E/2020|2020-07-08|EPI_ISL_533010|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20099/2020|2020-11-11|EPI_ISL_723164|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Russia/SVE-RII-MH197S/2020|2020-07-16|EPI_ISL_560311|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMB-8481B/2020|2020-03-03|EPI_ISL_440504|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-7B96F/2020|2020-04-04|EPI_ISL_441658|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6718/2020|2020-04-27|EPI_ISL_622352|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC15965/2020|2020-07-30|EPI_ISL_641038|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/SPE-RII-35397S/2020|2020-09-28|EPI_ISL_596247|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUEH-B6789B/2020|2020-11-10|EPI_ISL_655832|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13005/2020|2020-12-07|EPI_ISL_712253|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S805/2020|2020-04-15|EPI_ISL_449975|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Belgium/ULG-10270/2020|2020-07-20|EPI_ISL_515077|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-006/2020|2020-05-21|EPI_ISL_455458|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Mohammad Mahmud|Bangladesh

>Spike|hCoV-19/England/ALDP-49CB04/2020|2020-06-11|EPI_ISL_559501|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-NH8/2020|2020-03-13|EPI_ISL_418777|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/France/PAC-IHU-0833/2020|2020-05-19|EPI_ISL_568984|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/India/UT-59267-CSIR-IGIB/2020|2020-08-02|EPI_ISL_636805|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/CAMC-C44D85/2020|2020-12-10|EPI_ISL_718625|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13100/2020|2020-08-27|EPI_ISL_788251|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-EMC-228/2020|2020-12-11|EPI_ISL_722460|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-22026/2020|2020-12-14|EPI_ISL_757809|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS0059319/2020|2020-10-25|EPI_ISL_739703|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-10785/2020|2020-06-22|EPI_ISL_583046|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-ALSR-5027/2020|2020-11-12|EPI_ISL_730298|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-31419/2020|2020-04-13|EPI_ISL_446444|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C399E9/2020|2020-12-07|EPI_ISL_767188|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2184/2020|2020-04-11|EPI_ISL_484568|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9648FA/2020|2020-08-11|EPI_ISL_531141|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D3561/2020|2020-03-27|EPI_ISL_440956|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16690/2020|2020-11-09|EPI_ISL_714919|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC9634/2020|2020-08-21|EPI_ISL_562745|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16634A/2020|2020-06-15|EPI_ISL_490867|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9AA193/2020|2020-09-01|EPI_ISL_550836|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18745/2020|2020-12-07|EPI_ISL_750159|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-80F74/2020|2020-04-15|EPI_ISL_444453|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9B84D5/2020|2020-09-10|EPI_ISL_568275|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5121/2020|2020-06-23|EPI_ISL_544539|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7942/2020|2020-05-00|EPI_ISL_687043|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG375921/2020|2020-06-15|EPI_ISL_694607|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-9BE41B/2020|2020-09-10|EPI_ISL_568195|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUK-9DE62E/2020|2020-09-21|EPI_ISL_599487|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149006704/2020|2020-03-30|EPI_ISL_466120|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036110847/2020|2020-09-24|EPI_ISL_583405|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-AB86ED/2020|2020-10-21|EPI_ISL_623215|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16095D/2020|2020-05-18|EPI_ISL_472997|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AC9160/2020|2020-10-21|EPI_ISL_709921|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUK-9CF365/2020|2020-09-17|EPI_ISL_601869|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-006080/2020|2020-03-12|EPI_ISL_510424|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-NYCPHL-000974/2020|2020-09-30|EPI_ISL_633004|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-2703/2020|2020-08-17|EPI_ISL_616436|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/regal-10081256/2020|2020-10-08|EPI_ISL_735093|Original|hCoV-19^^Wilsele|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-C48E15/2020|2020-12-12|EPI_ISL_736726|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26684455/2020|2020-04-11|EPI_ISL_485277|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/WA-UW284/2020|2020-03-14|EPI_ISL_418069|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B061B1/2020|2020-10-24|EPI_ISL_642979|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_19785113/2020|2020-03-00|EPI_ISL_462769|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/204421080/2020|2020-10-27|EPI_ISL_653967|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-867/2020|2020-04-05|EPI_ISL_545884|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/KA-nimh-1400/2020|2020-04-14|EPI_ISL_515935|Original|hCoV-19^^Karnataka|Human|DH|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Denmark/DCGC-18774/2020|2020-12-07|EPI_ISL_748284|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-6331/2020|2020-04-01|EPI_ISL_430968|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LEED-2AA5AD/2020|2020-03-31|EPI_ISL_538820|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2803/2020|2020-08-31|EPI_ISL_667317|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Spain/AN-IBV-002918/2020|2020-03-19|EPI_ISL_474939|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/EXET-139D33/2020|2020-00-00|EPI_ISL_679339|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-15054S/2020|2020-05-13|EPI_ISL_524008|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX_2039/2020|2020-02-29|EPI_ISL_420796|Original|hCoV-19^^Texas|Human|Texas DSHS Lab Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-B5B311/2020|2020-11-08|EPI_ISL_655290|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUE-AE2BAF/2020|2020-10-27|EPI_ISL_633452|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20238/2020|2020-03-22|EPI_ISL_447208|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-950B34/2020|2020-06-14|EPI_ISL_554526|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2185/2020|2020-04-11|EPI_ISL_477869|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC335/2020|2020-04-08|EPI_ISL_430362|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/South Africa/KRISP-K002311/2020|2020-07-22|EPI_ISL_515687|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-DSHS-0654/2020|2020-07-19|EPI_ISL_576308|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC12799/2020|2020-07-29|EPI_ISL_640594|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-490B88/2020|2020-11-15|EPI_ISL_706543|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2F5D50/2020|2020-04-14|EPI_ISL_512426|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Gibraltar/204421235/2020|2020-10-27|EPI_ISL_613695|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/CA-CZB-13660/2020|2020-11-04|EPI_ISL_738717|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-4A4468/2020|2020-12-17|EPI_ISL_764695|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8C10F/2020|2020-10-17|EPI_ISL_643221|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22496/2020|2020-08-04|EPI_ISL_603261|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-10CF608/2020|2020-12-14|EPI_ISL_742017|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-287315/2020|2020-10-19|EPI_ISL_650785|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4974B3/2020|2020-11-28|EPI_ISL_726836|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CCDA6/2020|2020-09-16|EPI_ISL_566119|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C32106/2020|2020-12-11|EPI_ISL_782632|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96DFB0/2020|2020-08-17|EPI_ISL_530450|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AAF7B/2020|2020-08-31|EPI_ISL_551033|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-56-6/2020|2020-09-23|EPI_ISL_632453|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC3292/2020|2020-07-07|EPI_ISL_520971|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-96B2C8/2020|2020-08-14|EPI_ISL_531236|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_374/2020|2020-04-08|EPI_ISL_455177|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9EAC69/2020|2020-09-24|EPI_ISL_580261|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7BB3C/2020|2020-04-04|EPI_ISL_442227|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1065/2020|2020-08-05|EPI_ISL_569045|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Japan/PG-0246/2020|2020-03-18|EPI_ISL_479934|Original|hCoV-19^^Kanto|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-1250190/2020|2020-10-14|EPI_ISL_665199|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/ALDP-5D4DAF/2020|2020-06-19|EPI_ISL_558597|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-380364/2020|2020-11-22|EPI_ISL_721948|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BL-ETHZ-120200/2020|2020-04-28|EPI_ISL_468273|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MN-MDH-1173/2020|2020-05-21|EPI_ISL_476758|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-B52268/2020|2020-11-08|EPI_ISL_656948|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036741863/2020|2020-11-02|EPI_ISL_682182|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/EDB1457/2020|2020-04-11|EPI_ISL_433455|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Germany/BY-ChVir-W1050-5794/2020|2020-03-27|EPI_ISL_754024|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/PG-3822/2020|2020-07-00|EPI_ISL_692073|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-1717/2020|2020-04-00|EPI_ISL_685323|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Finland/15LS4BF5/2020|2020-10-15|EPI_ISL_756175|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Northern Ireland/QEUI-96CE78/2020|2020-08-21|EPI_ISL_530732|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17410/2020|2020-12-14|EPI_ISL_750962|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20144022404/2020|2020-03-26|EPI_ISL_423519|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUI-A63687/2020|2020-10-12|EPI_ISL_596130|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14346/2020|2020-11-30|EPI_ISL_711394|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-202/2020|2020-06-25|EPI_ISL_699856|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-14627/2020|2020-10-11|EPI_ISL_787912|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC7681/2020|2020-07-23|EPI_ISL_564572|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-12F8F3/2020|2020-03-29|EPI_ISL_488394|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5498/2020|2020-09-21|EPI_ISL_620823|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-61F2E/2020|2020-03-27|EPI_ISL_529358|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E13C/2020|2020-10-06|EPI_ISL_586624|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0414/2020|2020-12-18|EPI_ISL_755520|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUA-B9FCBC/2020|2020-11-18|EPI_ISL_720949|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-UKT-062/2020|2020-04-20|EPI_ISL_581485|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|Medizinische Klinik Innere Medizin I|NGS Competence Center T\u00fcbingen|Angelov|Germany

>Spike|hCoV-19/Netherlands/NH-RIVM-20014/2020|2020-11-20|EPI_ISL_723213|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-6539/2020|2020-10-05|EPI_ISL_619439|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11556/2020|2020-11-02|EPI_ISL_670992|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-1B7A16A/2020|2020-11-24|EPI_ISL_724958|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96512B/2020|2020-08-13|EPI_ISL_534375|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBCD89/2020|2020-11-18|EPI_ISL_724201|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-5471/2020|2020-07-00|EPI_ISL_690574|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-7B404/2020|2020-04-12|EPI_ISL_433954|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/AZ-TG274698/2020|2020-04-06|EPI_ISL_694060|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-16598/2020|2020-11-16|EPI_ISL_714860|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0259/2020|2020-04-22|EPI_ISL_452832|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-2DEF4/2020|2020-04-09|EPI_ISL_446038|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-K600B/2020|2020-04-14|EPI_ISL_447581|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/PHWC-49D031/2020|2020-12-10|EPI_ISL_742723|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10B2D8B/2020|2020-05-16|EPI_ISL_537225|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6451/2020|2020-07-23|EPI_ISL_521229|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B5E26C/2020|2020-11-09|EPI_ISL_723645|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR4314/2020|2020-09-15|EPI_ISL_573771|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4B9E6/2020|2020-10-08|EPI_ISL_628500|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AZ-TG480043/2020|2020-07-07|EPI_ISL_695061|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/20132004804/2020|2020-03-23|EPI_ISL_423717|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B96F4/2020|2020-11-04|EPI_ISL_664573|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC14945/2020|2020-09-22|EPI_ISL_593073|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21159/2020|2020-04-03|EPI_ISL_507416|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Spain/PV-IBV-000678/2020|2020-03-03|EPI_ISL_452780|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-3465/2020|2020-07-00|EPI_ISL_691575|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC11342/2020|2020-08-24|EPI_ISL_563338|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/BC-BCCDC-7305/2020|2020-00-00|EPI_ISL_740672|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/TX-DSHS-0833/2020|2020-06-07|EPI_ISL_593576|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-2990/2020|2020-08-24|EPI_ISL_616754|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/HECH-259A316/2020|2020-06-03|EPI_ISL_488870|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/CM296/2020|2020-03-06|EPI_ISL_416431|Vero|hCoV-19^^Hanoi|Human|National Influenza Center|National Influenza Center|Ung|Vietnam

>Spike|hCoV-19/England/QEUH-AD247A/2020|2020-10-26|EPI_ISL_634227|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10F422/2020|2020-04-02|EPI_ISL_433003|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Singapore/197/2020|2020-04-22|EPI_ISL_462315|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Chile/RM-126528/2020|2020-07-17|EPI_ISL_746594|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Pública de Chile|Tognarelli|Chile

>Spike|hCoV-19/Denmark/DCGC-9673/2020|2020-11-09|EPI_ISL_669102|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR2083/2020|2020-04-10|EPI_ISL_484557|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/1040/2020|2020-06-11|EPI_ISL_698115|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC12981/2020|2020-07-28|EPI_ISL_592134|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC15371/2020|2020-08-01|EPI_ISL_593268|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW1255/2020|2020-12-18|EPI_ISL_740886|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-8168/2020|2020-07-00|EPI_ISL_687267|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-6461/2020|2020-06-27|EPI_ISL_546014|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CSU-D3171/2020|2020-04-02|EPI_ISL_527477|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/MILK-BAC5B1/2020|2020-11-18|EPI_ISL_720653|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0028/2020|2020-03-19|EPI_ISL_515315|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/TX-HMH-4089/2020|2020-06-17|EPI_ISL_543359|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/SPE-RII-18966V/2020|2020-06-01|EPI_ISL_524022|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Germany/NW-MPP-19/2020|2020-05-25|EPI_ISL_487407|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00f6ttingen|Germany

>Spike|hCoV-19/England/QEUEH-9DDECD/2020|2020-09-21|EPI_ISL_599543|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036453787/2020|2020-10-15|EPI_ISL_628814|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-9B605B/2020|2020-08-28|EPI_ISL_572984|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-EC5B0/2020|2020-05-10|EPI_ISL_457536|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00069/2020|2020-03-25|EPI_ISL_460119|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Denmark/DCGC-17490/2020|2020-12-14|EPI_ISL_751021|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-08878/2020|2020-07-02|EPI_ISL_489937|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/CA-CZB-10830/2020|2020-07-17|EPI_ISL_583079|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-1538/2020|2020-04-20|EPI_ISL_468483|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Belgium/UGent-62/2020|2020-04-05|EPI_ISL_451173|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Finland/26SS9F9/2020|2020-09-26|EPI_ISL_759954|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Germany/HH-hpi-p2485/2020|2020-06-16|EPI_ISL_776542|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Luxembourg/LNS5339140/2020|2020-10-31|EPI_ISL_744220|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Luxembourg/LNS0469996/2020|2020-10-19|EPI_ISL_739781|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/BL-ETHZ-420056/2020|2020-12-18|EPI_ISL_768069|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CT-UW159/2020|2020-03-13|EPI_ISL_416697|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A2F186/2020|2020-10-05|EPI_ISL_586983|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM61223149/2020|2020-11-07|EPI_ISL_753290|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/QEUH-B9FC9E/2020|2020-11-18|EPI_ISL_757281|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB4D3/2020|2020-11-18|EPI_ISL_681622|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5CE8D4/2020|2020-06-19|EPI_ISL_558582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AF3D69/2020|2020-10-30|EPI_ISL_663071|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1913/2020|2020-10-26|EPI_ISL_677322|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/CVR4748/2020|2020-09-20|EPI_ISL_626825|Original|hCoV-19^^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0820/2020|2020-06-03|EPI_ISL_593563|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-AA4F34/2020|2020-10-22|EPI_ISL_630829|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483010/2020|2020-10-13|EPI_ISL_627293|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C8F8/2020|2020-12-10|EPI_ISL_730943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA17C5/2020|2020-11-18|EPI_ISL_719847|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A917AB/2020|2020-10-19|EPI_ISL_705985|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Slovakia/SK-BMC1/2020|2020-03-06|EPI_ISL_417877|Vero E6 P1|hCoV-19^^Kostoliste|Human|Institute of Virology|Institute of Virology|Klempa|Slovakia

>Spike|hCoV-19/Wales/PHWC-492861/2020|2020-11-30|EPI_ISL_725710|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A060B5/2020|2020-10-01|EPI_ISL_599842|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C7FF21/2020|2020-12-16|EPI_ISL_757032|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205120470/2020|2020-12-10|EPI_ISL_766305|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB510/2020|2020-03-31|EPI_ISL_491605|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B5380/2020|2020-09-03|EPI_ISL_590433|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20104003204/2020|2020-03-02|EPI_ISL_464306|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7576B/2020|2020-03-13|EPI_ISL_440468|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00592/2020|2020-03-28|EPI_ISL_460317|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/CAMB-7DE40/2020|2020-04-07|EPI_ISL_442081|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE2213/2020|2020-10-27|EPI_ISL_633596|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2806/2020|2020-04-00|EPI_ISL_690933|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC15627/2020|2020-08-04|EPI_ISL_593386|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/204490005/2020|2020-10-30|EPI_ISL_654008|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR2761/2020|2020-04-20|EPI_ISL_473553|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036531598/2020|2020-10-20|EPI_ISL_640155|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-8144/2020|2020-10-26|EPI_ISL_617245|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3CA99/2020|2020-11-01|EPI_ISL_706182|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-BC07DF/2020|2020-11-22|EPI_ISL_704984|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1D2B05/2020|2020-03-29|EPI_ISL_612108|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-8A8EEA/2020|2020-07-25|EPI_ISL_532798|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53165/2020|2020-10-19|EPI_ISL_648177|Original|hCoV-19^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-17206/2020|2020-12-14|EPI_ISL_750824|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/LK-NVRL-73IRL26070/2020|2020-09-06|EPI_ISL_578313|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUH-A00859/2020|2020-10-02|EPI_ISL_600410|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-19468/2020|2020-09-09|EPI_ISL_547811|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-B5E32D/2020|2020-11-08|EPI_ISL_723650|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/EXET-135D37/2020|2020-04-06|EPI_ISL_457160|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12218/2020|2020-11-16|EPI_ISL_682399|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA4013/2020|2020-10-22|EPI_ISL_630894|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B2F78/2020|2020-05-19|EPI_ISL_456739|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH095/2020|2020-03-19|EPI_ISL_434800|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-EVTL515/2020|2020-08-02|EPI_ISL_578919|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03778/2020|2020-11-00|EPI_ISL_778853|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Scotland/QEUH-A78625/2020|2020-10-14|EPI_ISL_638979|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001542/2020|2020-12-02|EPI_ISL_745458|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16193/2020|2020-10-28|EPI_ISL_785877|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC15031/2020|2020-07-29|EPI_ISL_593114|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9DD2EF/2020|2020-09-21|EPI_ISL_581109|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E79FC/2020|2020-09-24|EPI_ISL_580255|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96FDC3/2020|2020-08-18|EPI_ISL_540295|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7D88/2020|2020-10-13|EPI_ISL_638373|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-A45B40/2020|2020-10-06|EPI_ISL_598563|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72458/2020|2020-03-24|EPI_ISL_439940|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12960/2020|2020-08-28|EPI_ISL_788112|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B78CF5/2020|2020-11-12|EPI_ISL_783380|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664254/2020|2020-04-28|EPI_ISL_696056|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-882059/2020|2020-07-24|EPI_ISL_532657|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9433/2020|2020-08-18|EPI_ISL_565547|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6973/2020|2020-07-00|EPI_ISL_688078|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/WA310/2020|2020-03-09|EPI_ISL_596853|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Canada/ON-PHL-20-02297/2020|2020-09-00|EPI_ISL_671548|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Northern Ireland/NIRE-234EF8/2020|2020-10-24|EPI_ISL_763482|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/NOTT-11D0A5/2020|2020-11-20|EPI_ISL_665415|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB642/2020|2020-08-30|EPI_ISL_585245|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-839/2020|2020-10-14|EPI_ISL_632705|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC22136/2020|2020-10-12|EPI_ISL_614187|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/LOND-DA773/2020|2020-11-16|EPI_ISL_724663|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMC-C98C67/2020|2020-12-17|EPI_ISL_761981|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18067/2020|2020-12-14|EPI_ISL_749736|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B9199/2020|2020-00-00|EPI_ISL_704419|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2034/2020|2020-07-27|EPI_ISL_618254|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B75FE0/2020|2020-11-12|EPI_ISL_723722|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A67C45/2020|2020-10-12|EPI_ISL_630509|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D2D16/2020|2020-09-18|EPI_ISL_577302|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49CAE9/2020|2020-12-04|EPI_ISL_742644|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S338/2020|2020-04-02|EPI_ISL_434098|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-9AB675/2020|2020-08-31|EPI_ISL_549453|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/FHU-CS24-0227/2020|2020-02-27|EPI_ISL_728206|Original|hCoV-19^^Aichi|Human|Fujita Health University Okazaki Medical Center|Fujita health University|Suzuki|Japan

>Spike|hCoV-19/Italy/PIE-SLL-MS59/2020|2020-03-31|EPI_ISL_569875|Original|hCoV-19^^Piedmont|Human|Amedeo di savoia|Crosetto lab|Harbers|Italy

>Spike|hCoV-19/Wales/PHWC-262C2/2020|2020-03-26|EPI_ISL_422227|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2D1859/2020|2020-04-12|EPI_ISL_484425|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-4925/2020|2020-07-00|EPI_ISL_690045|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUEH-B7C0F5/2020|2020-11-14|EPI_ISL_710845|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6678/2020|2020-06-24|EPI_ISL_546166|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B8476E/2020|2020-11-14|EPI_ISL_675252|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21610/2020|2020-03-28|EPI_ISL_516337|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-48204E/2020|2020-10-20|EPI_ISL_613195|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15596/2020|2020-11-23|EPI_ISL_713915|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-CC595B/2020|2020-12-22|EPI_ISL_760481|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-01111/2020|2020-05-01|EPI_ISL_791879|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/CAMB-1B6C04/2020|2020-10-11|EPI_ISL_612274|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC1293/2020|2020-04-09|EPI_ISL_563609|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-126D2A/2020|2020-04-08|EPI_ISL_459023|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10F0B5/2020|2020-03-30|EPI_ISL_432961|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7936669/2020|2020-11-19|EPI_ISL_744657|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/UT-UPHL-2008775/2020|2020-05-20|EPI_ISL_524807|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-B5B3E4/2020|2020-11-08|EPI_ISL_655590|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204791406/2020|2020-11-21|EPI_ISL_678765|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1344/2020|2020-09-09|EPI_ISL_536715|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-4014/2020|2020-06-16|EPI_ISL_543296|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-9F859A/2020|2020-09-27|EPI_ISL_600863|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9B4CD1/2020|2020-09-07|EPI_ISL_602065|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18833/2020|2020-12-07|EPI_ISL_748584|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10970/2020|2020-09-08|EPI_ISL_707747|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Japan/PG-4172/2020|2020-07-00|EPI_ISL_692411|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-CC3173/2020|2020-12-21|EPI_ISL_760322|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2147/2020|2020-04-10|EPI_ISL_484563|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2730A/2020|2020-03-30|EPI_ISL_432290|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR2234/2020|2020-04-12|EPI_ISL_477877|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-122/2020|2020-05-25|EPI_ISL_699778|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Gibraltar/204421172/2020|2020-10-27|EPI_ISL_613636|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/CA-ALSR-5022/2020|2020-11-14|EPI_ISL_730293|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-QDX-2672/2020|2020-03-14|EPI_ISL_604989|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-6470/2020|2020-06-27|EPI_ISL_546020|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B495A/2020|2020-06-04|EPI_ISL_473489|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/205141215/2020|2020-12-16|EPI_ISL_756154|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/England/ALDP-94E058/2020|2020-06-17|EPI_ISL_555361|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AOC082/2020|2020-10-01|EPI_ISL_599392|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20826/2020|2020-12-21|EPI_ISL_758961|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-16555-01/2020|2020-03-14|EPI_ISL_676741|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/NORT-289C27/2020|2020-04-04|EPI_ISL_453513|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-9AB5B4/2020|2020-08-31|EPI_ISL_549446|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/WA112/2020|2020-07-15|EPI_ISL_512765|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/QEUEH-9DD20D/2020|2020-09-21|EPI_ISL_599577|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488206/2020|2020-10-29|EPI_ISL_639367|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-94A739/2020|2020-07-19|EPI_ISL_556734|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D3207/2020|2020-09-20|EPI_ISL_577317|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/SHEF-C72C3/2020|2020-08-30|EPI_ISL_540738|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A87A54/2020|2020-10-17|EPI_ISL_605935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-280073/2020|2020-09-07|EPI_ISL_560542|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-WSLH-200310/2020|2020-04-20|EPI_ISL_578491|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/CT-UW-3094/2020|2020-03-27|EPI_ISL_485930|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/GCVR-171E2D/2020|2020-03-29|EPI_ISL_524513|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4B6D0/2020|2020-10-08|EPI_ISL_628472|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A93DF2/2020|2020-10-19|EPI_ISL_611182|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-284406/2020|2020-03-20|EPI_ISL_478546|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/BRIS-185380B/2020|2020-04-13|EPI_ISL_492337|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00669/2020|2020-04-04|EPI_ISL_460190|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-CB679F/2020|2020-12-16|EPI_ISL_761323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F739/2020|2020-10-05|EPI_ISL_587301|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0507/2020|2020-04-06|EPI_ISL_569561|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Scotland/EDB2874/2020|2020-03-31|EPI_ISL_488902|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012829129/2020|2020-08-06|EPI_ISL_746018|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/BIRM-652D6/2020|2020-09-29|EPI_ISL_594545|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3679/2020|2020-07-09|EPI_ISL_548447|Original|hCoV-19^^California|Human|University of California|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-ACC5E9/2020|2020-10-21|EPI_ISL_634355|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC8592/2020|2020-10-21|EPI_ISL_629378|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6D2E/2020|2020-09-24|EPI_ISL_580616|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Guadeloupe/IPG-7339/2020|2020-03-22|EPI_ISL_613438|Original|hCoV-19^^Le Moule|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spike|hCoV-19/Northern Ireland/QEUI-963239/2020|2020-08-11|EPI_ISL_531641|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2721/2020|2020-07-11|EPI_ISL_522500|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMB-7F673/2020|2020-04-08|EPI_ISL_470437|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13844/2020|2020-08-17|EPI_ISL_787137|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-19344/2020|2020-12-07|EPI_ISL_748374|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-PROV-132/2020|2020-05-01|EPI_ISL_482395|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Taiwan/CGMH-CGU-31/2020|2020-07-31|EPI_ISL_660543|Vero E6|hCoV-19^^Taoyuan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan

>Spike|hCoV-19/England/CAMC-A57DAF/2020|2020-10-09|EPI_ISL_597043|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001935/2020|2020-03-12|EPI_ISL_452441|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ella. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC13990/2020|2020-07-23|EPI_ISL_563913|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-9D642/2020|2020-04-10|EPI_ISL_453218|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-166ADC/2020|2020-06-22|EPI_ISL_494079|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2780/2020|2020-06-00|EPI_ISL_690907|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B56AB7/2020|2020-11-05|EPI_ISL_656887|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7078/2020|2020-08-00|EPI_ISL_688183|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16568/2020|2020-11-16|EPI_ISL_714841|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2D18B3/2020|2020-04-12|EPI_ISL_484430|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Finland/23LS6C11/2020|2020-10-23|EPI_ISL_759781|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Germany/HH-hpi-p1546/2020|2020-03-15|EPI_ISL_775927|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/France/PAC-MEPHI-2018/2020|2020-08-28|EPI_ISL_644475|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUA-B13E14/2020|2020-11-02|EPI_ISL_641738|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9361/2020|2020-07-03|EPI_ISL_781077|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-351/2020|2020-03-24|EPI_ISL_524440|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|Laboratory Medicine|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-8094/2020|2020-10-26|EPI_ISL_617191|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-E8709/2020|2020-04-18|EPI_ISL_448226|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_95/2020|2020-05-21|EPI_ISL_460994|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Latvia/226/2020|2020-09-13|EPI_ISL_770060|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/MILK-975225/2020|2020-08-21|EPI_ISL_552676|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BCBB8D/2020|2020-11-27|EPI_ISL_704385|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EC77/2020|2020-10-05|EPI_ISL_587130|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/493/2020|2020-03-20|EPI_ISL_424515|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/UT-UPHL-2012732813/2020|2020-10-26|EPI_ISL_746229|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-B0EDA6/2020|2020-11-02|EPI_ISL_642657|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1312/2020|2020-05-18|EPI_ISL_648799|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Australia/NSW331/2020|2020-03-25|EPI_ISL_451593|Original|hCoV-19^^New South Wales|Human|ACT pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/204441526/2020|2020-10-19|EPI_ISL_622882|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Mexico/COA-INDRE-36/2020|2020-06-13|EPI_ISL_516618|Original|hCoV-19^^Coahuila|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/England/ALDP-9FD0EF/2020|2020-10-02|EPI_ISL_588053|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3932/2020|2020-07-00|EPI_ISL_692183|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AR-ISCI-201587/2020|2020-03-05|EPI_ISL_539501|Original|hCoV-19^^Aragon|Human|Hospital Cl\u00e9nico Universitario Lozano Blesa|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/ALDP-B469EA/2020|2020-11-07|EPI_ISL_656152|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29ED1D/2020|2020-05-10|EPI_ISL_488139|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12817/2020|2020-10-26|EPI_ISL_682998|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/un-EMC-775/2020|2020-00-00|EPI_ISL_577871|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Luxembourg/LNS7131184/2020|2020-11-09|EPI_ISL_744520|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-19285/2020|2020-11-27|EPI_ISL_783741|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20144067504/2020|2020-03-20|EPI_ISL_421957|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-005147/2020|2020-06-19|EPI_ISL_509637|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c9rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Brazil/MA-L17-CD364/2020|2020-03-31|EPI_ISL_476310|Original|hCoV-19^^Maranh\u00e3o|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/NORT-282954/2020|2020-03-26|EPI_ISL_488481|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-247244-01/2020|2020-10-16|EPI_ISL_734353|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-A50E49/2020|2020-10-07|EPI_ISL_597699|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E209/2020|2020-09-29|EPI_ISL_585684|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7B4BF/2020|2020-10-15|EPI_ISL_607302|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-68071/2020|2020-09-04|EPI_ISL_683393|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Belgium/reg-0426606/2020|2020-04-26|EPI_ISL_734656|Original|hCoV-19^^Koersel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Jordan/SEARCH-5427/2020|2020-09-06|EPI_ISL_755235|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/CVR3492/2020|2020-04-19|EPI_ISL_456880|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-8AD665/2020|2020-07-22|EPI_ISL_532821|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A33653/2020|2020-10-07|EPI_ISL_627298|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0151/2020|2020-05-14|EPI_ISL_515415|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/MN46-MDH46/2020|2020-03-13|EPI_ISL_417493|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000565/2020|2020-03-29|EPI_ISL_632024|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/TG-CCMB-OM23/2020|2020-09-20|EPI_ISL_644717|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/WI-WSLH-200087/2020|2020-03-16|EPI_ISL_471251|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/NORT-283DA2/2020|2020-04-04|EPI_ISL_488761|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-61AB75/2020|2020-07-06|EPI_ISL_557956|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1460/2020|2020-05-22|EPI_ISL_495910|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Greece/35/2020|2020-03-29|EPI_ISL_434459|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/ALDP-A6F8C1/2020|2020-10-14|EPI_ISL_607251|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4336/2020|2020-10-06|EPI_ISL_648978|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-DSHS-1997/2020|2020-06-21|EPI_ISL_766758|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-48BC23/2020|2020-11-04|EPI_ISL_666337|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11684/2020|2020-10-26|EPI_ISL_671067|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1705/2020|2020-08-24|EPI_ISL_693634|Original|hCoV-19^^Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/MI-QDX-1132/2020|2020-03-20|EPI_ISL_571862|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/FL-BPHL-0955/2020|2020-07-07|EPI_ISL_517845|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14823/2020|2020-10-12|EPI_ISL_786307|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B55C49/2020|2020-11-05|EPI_ISL_658283|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19739/2020|2020-12-07|EPI_ISL_749144|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUIH-9F8345/2020|2020-09-27|EPI_ISL_588758|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200160/2020|2020-07-24|EPI_ISL_752722|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-93A769/2020|2020-06-21|EPI_ISL_551517|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-0159/2020|2020-03-14|EPI_ISL_420805|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/AN-IBV-98001786/2020|2020-04-04|EPI_ISL_538156|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/France/BRE-BR9065/2020|2020-09-04|EPI_ISL_613554|Original|hCoV-19^^Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie\n2|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/BIRM-5EEAF/2020|2020-00-00|EPI_ISL_456661|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547346/2020|2020-07-06|EPI_ISL_695494|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-A82145/2020|2020-10-13|EPI_ISL_610759|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10579/2020|2020-11-02|EPI_ISL_670066|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-85BE22/2020|2020-07-17|EPI_ISL_557457|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2236/2020|2020-04-12|EPI_ISL_453029|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC16883/2020|2020-08-06|EPI_ISL_663622|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9D7607/2020|2020-09-18|EPI_ISL_576571|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BA5F/2020|2020-09-22|EPI_ISL_573933|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11090/2020|2020-11-02|EPI_ISL_670386|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A3FA88/2020|2020-10-07|EPI_ISL_609636|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-091/2020|2020-05-22|EPI_ISL_699747|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/EDB5799/2020|2020-04-27|EPI_ISL_473859|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-11789-01/2020|2020-03-08|EPI_ISL_525590|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/QEUA-AE28C6/2020|2020-10-27|EPI_ISL_633473|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-751/2020|2020-03-19|EPI_ISL_444888|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Scotland/QEUA-A0ADD8/2020|2020-10-03|EPI_ISL_599256|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH5-238/2020|2020-03-18|EPI_ISL_454979|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/EXET-136361/2020|2020-04-12|EPI_ISL_457223|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0261/2020|2020-03-31|EPI_ISL_569418|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a0Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-A7B80E/2020|2020-10-15|EPI_ISL_607317|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D2D7/2020|2020-10-07|EPI_ISL_586124|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-B69617/2020|2020-11-11|EPI_ISL_676380|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA5267/2020|2020-10-22|EPI_ISL_623896|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7C481/2020|2020-10-15|EPI_ISL_607612|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97007965/2020|2020-09-15|EPI_ISL_654513|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-9FD86F/2020|2020-10-02|EPI_ISL_587872|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2F6B3/2020|2020-11-04|EPI_ISL_659973|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6186/2020|2020-04-21|EPI_ISL_527667|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/SAP482/2020|2020-08-05|EPI_ISL_513912|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/MILK-9A8CC1/2020|2020-09-02|EPI_ISL_550208|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036795528/2020|2020-11-05|EPI_ISL_707877|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-9AB165/2020|2020-08-31|EPI_ISL_551154|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2471/2020|2020-06-16|EPI_ISL_497103|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/CL-IBV-97006146/2020|2020-04-01|EPI_ISL_537293|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/France/ARA-SC161/2020|2020-04-08|EPI_ISL_634826|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-C064E4/2020|2020-12-06|EPI_ISL_709547|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/HDF-1989/2020|2020-03-04|EPI_ISL_414636|Original|hCoV-19^^Hauts-de-France|Human|Centre Hospitalier Compi\u00e8gne Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-17150/2020|2020-12-14|EPI_ISL_750788|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-7096/2020|2020-09-11|EPI_ISL_693492|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Japan/PG-8473/2020|2020-07-00|EPI_ISL_687572|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/GCVR-1705A1/2020|2020-03-25|EPI_ISL_459519|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B0AF/2020|2020-11-06|EPI_ISL_666191|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00237309/2020|2020-03-25|EPI_ISL_536172|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Brazil/RJ-INCA-C32/2020|2020-04-16|EPI_ISL_513540|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil

>Spike|hCoV-19/Wales/QEUH-532DAF/2020|2020-05-18|EPI_ISL_532163|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1985/2020|2020-07-30|EPI_ISL_526083|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/MILK-995007/2020|2020-08-25|EPI_ISL_552359|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65DF9/2020|2020-10-11|EPI_ISL_638447|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2070/2020|2020-05-04|EPI_ISL_486313|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/CO-CDPHE-2008180122/2020|2020-08-17|EPI_ISL_710270|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Denmark/DCGC-2082/2020|2020-07-27|EPI_ISL_618338|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10863/2020|2020-11-13|EPI_ISL_678407|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-BB8DE7/2020|2020-11-20|EPI_ISL_703131|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/UN-CRCHUM-PostFreeze-10/2020|2020-09-04|EPI_ISL_667775|Original|hCoV-19^^Canada|Human|Microbiology|Microbiology|Benoit, P.|Canada

>Spike|hCoV-19/France/ARA-SC117/2020|2020-04-12|EPI_ISL_700381|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-5D9D40/2020|2020-06-20|EPI_ISL_558472|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1103/2020|2020-03-22|EPI_ISL_593620|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/NOTT-111636/2020|2020-05-19|EPI_ISL_461902|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-BBAD4F/2020|2020-11-20|EPI_ISL_702488|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1983/2020|2020-11-12|EPI_ISL_732206|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-15084/2020|2020-11-23|EPI_ISL_713625|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AF53DE/2020|2020-10-30|EPI_ISL_663181|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0620/2020|2020-10-22|EPI_ISL_700564|Original|hCoV-19^^Western Cape|Human|D'Almeida Clinic w DAL|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Wales/PHWC-49F925/2020|2020-12-09|EPI_ISL_743291|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2EB7/2020|2020-12-14|EPI_ISL_744030|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6C438/2020|2020-11-11|EPI_ISL_655144|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20120/2020|2020-12-07|EPI_ISL_747536|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4394/2020|2020-07-00|EPI_ISL_692620|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A09F4/2020|2020-12-10|EPI_ISL_743527|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-291169/2020|2020-04-26|EPI_ISL_453539|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2B927/2020|2020-11-02|EPI_ISL_646700|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0108/2020|2020-03-23|EPI_ISL_569313|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/MN-MDH-1056/2020|2020-05-14|EPI_ISL_462901|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/GSTT-5580/2020|2020-03-21|EPI_ISL_560688|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0016/2020|2020-08-11|EPI_ISL_640018|Original|hCoV-19^^Western Cape|Human|Heidelberg Clinic wc HBC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Denmark/DCGC-18874/2020|2020-12-07|EPI_ISL_748150|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-A36C30/2020|2020-10-06|EPI_ISL_706925|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB7146/2020|2020-08-05|EPI_ISL_514552|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/India/MH-BJMC-965/2020|2020-04-12|EPI_ISL_496554|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/QEUH-9F45CB/2020|2020-09-25|EPI_ISL_588410|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11103/2020|2020-11-02|EPI_ISL_670393|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-UNM-00659/2020|2020-07-01|EPI_ISL_560330|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Denmark/DCGC-13560/2020|2020-11-30|EPI_ISL_712878|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K005317/2020|2020-11-14|EPI_ISL_678609|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Canada/ON-PHL-20-02440/2020|2020-09-00|EPI_ISL_671577|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Canada/QC-AI8/2020|2020-04-00|EPI_ISL_435346|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/20126012702/2020|2020-03-17|EPI_ISL_418756|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Finland/15A602/2020|2020-04-15|EPI_ISL_481559|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-B5C8D5/2020|2020-11-08|EPI_ISL_655813|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00214546/2020|2020-03-11|EPI_ISL_535729|Original|hCoV-19^^Quebec|Human|CHUM - Microbiologie - H\u00f4pital Saint-Luc|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Finland/8LS18H1/2020|2020-10-08|EPI_ISL_755979|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/LIVE-A03DC/2020|2020-05-25|EPI_ISL_472109|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10573/2020|2020-11-02|EPI_ISL_670060|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012333679/2020|2020-12-03|EPI_ISL_747020|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/ALDP-94C96E/2020|2020-06-16|EPI_ISL_555952|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F7A2/2020|2020-10-05|EPI_ISL_587065|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/HC-030760/2020|2020-03-07|EPI_ISL_420451|Original|hCoV-19^^Mons|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Shanghai/SH0009/2020|2020-01-29|EPI_ISL_416322|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah178/2020|2020-04-06|EPI_ISL_437701|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Scotland/CVR89/2020|2020-03-12|EPI_ISL_425813|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B1400E/2020|2020-10-30|EPI_ISL_641652|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC1FF/2020|2020-09-24|EPI_ISL_580421|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C68B/2020|2020-11-18|EPI_ISL_742588|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-392/2020|2020-03-23|EPI_ISL_571133|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC25/2020|2020-03-10|EPI_ISL_419744|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-28263/2020|2020-09-16|EPI_ISL_717774|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-CB0F51/2020|2020-12-08|EPI_ISL_761047|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-BJMC-1675/2020|2020-04-18|EPI_ISL_496547|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Scotland/QEUEH-A63669/2020|2020-10-13|EPI_ISL_596128|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-AB2188/2020|2020-10-23|EPI_ISL_623584|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1322/2020|2020-04-00|EPI_ISL_684930|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/IL-QDX-687/2020|2020-03-18|EPI_ISL_571436|Original|hCoV-19^^Illinois|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-647/2020|2020-04-10|EPI_ISL_546019|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-6258/2020|2020-07-04|EPI_ISL_547345|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-A5498/2020|2020-03-20|EPI_ISL_500119|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-C3DED7/2020|2020-12-10|EPI_ISL_730712|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-04130/2020|2020-05-13|EPI_ISL_487252|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/CAMC-B9A02E/2020|2020-11-15|EPI_ISL_673488|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16785/2020|2020-08-10|EPI_ISL_663579|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-12673AF/2020|2020-12-08|EPI_ISL_741280|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/MILK-9950E9/2020|2020-08-24|EPI_ISL_552441|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4937BE/2020|2020-11-29|EPI_ISL_725941|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NA_680/2020|2020-03-13|EPI_ISL_461115|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OH-ODH-SC35277/2020|2020-04-24|EPI_ISL_780419|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/Australia/VIC11004/2020|2020-08-01|EPI_ISL_563193|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR5474/2020|2020-10-30|EPI_ISL_651811|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5A21/2020|2020-08-28|EPI_ISL_590388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B89EBF/2020|2020-11-13|EPI_ISL_675695|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00054/2020|2020-04-03|EPI_ISL_791554|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/OXON-B1068/2020|2020-00-00|EPI_ISL_478990|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED47D/2020|2020-05-09|EPI_ISL_589402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA523A/2020|2020-10-22|EPI_ISL_623885|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1320/2020|2020-03-24|EPI_ISL_495619|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Switzerland/BS-42227559/2020|2020-04-10|EPI_ISL_581693|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/India/GJ-GBRC-368b/2020|2020-06-18|EPI_ISL_524724|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-B0455D/2020|2020-10-23|EPI_ISL_651348|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B724/2020|2020-11-09|EPI_ISL_655359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00295/2020|2020-05-14|EPI_ISL_508068|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/Scotland/QEUH-A9EA78/2020|2020-10-20|EPI_ISL_625372|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13386/2020|2020-08-31|EPI_ISL_672062|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NORT-2814AF/2020|2020-03-16|EPI_ISL_488767|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012598636/2020|2020-07-27|EPI_ISL_745527|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Germany/HH-hpi-p1740/2020|2020-03-12|EPI_ISL_776119|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-481A50/2020|2020-10-14|EPI_ISL_611902|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-6B9FB8/2020|2020-06-29|EPI_ISL_557950|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B79A72/2020|2020-11-10|EPI_ISL_741033|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-2942/2020|2020-04-00|EPI_ISL_691068|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-281F71/2020|2020-03-25|EPI_ISL_478491|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B346AC/2020|2020-11-05|EPI_ISL_659532|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0052/2020|2020-04-02|EPI_ISL_464056|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/ALDP-B5B496/2020|2020-11-09|EPI_ISL_655501|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A94B7F/2020|2020-10-20|EPI_ISL_624676|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13961/2020|2020-08-16|EPI_ISL_787253|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036579570/2020|2020-10-22|EPI_ISL_640158|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUH-96A86D/2020|2020-08-13|EPI_ISL_531525|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/1LS6C1/2020|2020-10-01|EPI_ISL_757362|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/ALDP-AA5012/2020|2020-10-21|EPI_ISL_634787|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17415/2020|2020-00-00|EPI_ISL_663878|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/PV-IBV-001522/2020|2020-03-17|EPI_ISL_467106|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/un-EMC-781/2020|2020-06-03|EPI_ISL_577877|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9CD376/2020|2020-09-16|EPI_ISL_566330|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42203381/2020|2020-03-23|EPI_ISL_528354|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/VA-DCLS-2089/2020|2020-10-21|EPI_ISL_677189|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18952/2020|2020-11-25|EPI_ISL_785244|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6935/2020|2020-09-00|EPI_ISL_688041|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KCDC2281/2020|2020-05-19|EPI_ISL_510618|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/India/GJ-GBRC359/2020|2020-06-25|EPI_ISL_514609|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMC-AEADDE/2020|2020-10-26|EPI_ISL_633238|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/130710217/2020|2020-04-16|EPI_ISL_447462|Original|hCoV-19^^Tel Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/USA/CA-ALSR-3737/2020|2020-06-04|EPI_ISL_636175|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/ALAB-HH24/2020|2020-03-11|EPI_ISL_429282|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Australia/VIC5333/2020|2020-07-18|EPI_ISL_520096|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2424/2020|2020-06-15|EPI_ISL_497056|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A70881/2020|2020-10-14|EPI_ISL_608321|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35D1A/2020|2020-04-27|EPI_ISL_474559|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW46/2020|2020-03-10|EPI_ISL_427658|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/EDB5487/2020|2020-04-26|EPI_ISL_461758|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Israel/CVL-n2888/2020|2020-03-08|EPI_ISL_649080|Original|hCoV-19^^Modiin|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/PA-MGEL-00255/2020|2020-05-19|EPI_ISL_681988|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Denmark/DCGC-2683/2020|2020-08-17|EPI_ISL_617904|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3070/2020|2020-04-00|EPI_ISL_691193|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-1854767/2020|2020-04-27|EPI_ISL_495107|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2183/2020|2020-06-04|EPI_ISL_635378|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-4629/2020|2020-09-21|EPI_ISL_621298|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B9FE3E/2020|2020-11-18|EPI_ISL_720944|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-93138C/2020|2020-06-21|EPI_ISL_552806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH-248/2020|2020-04-25|EPI_ISL_452086|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-13017/2020|2020-11-30|EPI_ISL_712129|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-A2D513/2020|2020-10-06|EPI_ISL_586926|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1DDE6B/2020|2020-10-10|EPI_ISL_612043|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-A5E7B9/2020|2020-10-12|EPI_ISL_597261|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B76DE5/2020|2020-11-12|EPI_ISL_723814|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/LS-NVRL-75IRL79332/2020|2020-10-13|EPI_ISL_671923|Original|hCoV-19^^Laois|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-12809/2020|2020-08-19|EPI_ISL_790540|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-9DAA9F/2020|2020-09-22|EPI_ISL_575384|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0017/2020|2020-03-07|EPI_ISL_569246|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u02019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wales/MILK-B0539E/2020|2020-10-24|EPI_ISL_650659|Original|hCoV-19^^Wales|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1772/2020|2020-04-12|EPI_ISL_590776|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/SHEF-C772E/2020|2020-08-10|EPI_ISL_517557|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/205260433/2020|2020-00-00|EPI_ISL_766545|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/QLD1109/2020|2020-03-26|EPI_ISL_593626|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/ALDP-B632A0/2020|2020-11-08|EPI_ISL_656444|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5AE8/2020|2020-04-18|EPI_ISL_457298|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1947589/2020|2020-09-25|EPI_ISL_740027|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Portugal/PT0312/2020|2020-03-14|EPI_ISL_454028|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-A5E801/2020|2020-10-11|EPI_ISL_597332|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-77FE9/2020|2020-04-01|EPI_ISL_441229|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22449/2020|2020-08-05|EPI_ISL_570691|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WI-WSLH-200705/2020|2020-06-26|EPI_ISL_631462|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/NY-Wadsworth-84608-01/2020|2020-05-07|EPI_ISL_676683|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/NORW-F6586/2020|2020-12-03|EPI_ISL_704921|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49692E/2020|2020-11-22|EPI_ISL_726658|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11514/2020|2020-08-02|EPI_ISL_625582|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/CE-ISCI-2016519/2020|2020-10-14|EPI_ISL_691698|Original|hCoV-19^^Ceuta|Human|Hospital Universitario de Ceuta|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/USA/WA-UW-22256/2020|2020-08-03|EPI_ISL_570571|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/204221496/2020|2020-00-00|EPI_ISL_593994|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-11CB0F/2020|2020-11-17|EPI_ISL_665622|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1492/2020|2020-07-28|EPI_ISL_581566|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/France/PAC-SC436/2020|2020-04-23|EPI_ISL_644704|Original|hCoV-19^^Provence-Alpes-Cote d'Azur|Human|Unit\00e9 des Virus \00c9mergents|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-AA2FCD/2020|2020-10-22|EPI_ISL_630831|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2304/2020|2020-03-12|EPI_ISL_776436|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-19171/2020|2020-12-07|EPI_ISL_748367|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13831/2020|2020-08-17|EPI_ISL_787124|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14950/2020|2020-11-23|EPI_ISL_713541|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-484729/2020|2020-10-17|EPI_ISL_628037|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1549/2020|2020-09-15|EPI_ISL_605427|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-5A2D6E/2020|2020-06-14|EPI_ISL_558819|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0144/2020|2020-05-30|EPI_ISL_467494|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH089/2020|2020-03-19|EPI_ISL_434795|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9F9D0A/2020|2020-09-26|EPI_ISL_595759|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-ABC3F1/2020|2020-10-21|EPI_ISL_631158|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D3D84/2020|2020-12-20|EPI_ISL_765192|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-786/2020|2020-04-08|EPI_ISL_545668|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22599/2020|2020-11-09|EPI_ISL_737172|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Japan/PG-7393/2020|2020-07-00|EPI_ISL_688495|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC20993/2020|2020-06-05|EPI_ISL_507779|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-2496/2020|2020-08-10|EPI_ISL_617767|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4461/2020|2020-07-15|EPI_ISL_519757|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/VC-IBV-98006471/2020|2020-07-06|EPI_ISL_538671|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-B6C650/2020|2020-11-11|EPI_ISL_661551|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-95D8B8/2020|2020-06-21|EPI_ISL_556091|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0945/2020|2020-04-10|EPI_ISL_511495|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-B1A976/2020|2020-11-01|EPI_ISL_647536|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-945BD8/2020|2020-07-15|EPI_ISL_556674|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4823/2020|2020-04-03|EPI_ISL_453156|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-BAB400/2020|2020-11-18|EPI_ISL_783188|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648716/2020|2020-04-13|EPI_ISL_695904|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC11505/2020|2020-09-01|EPI_ISL_563401|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-C9938F/2020|2020-12-18|EPI_ISL_777564|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D1862/2020|2020-04-02|EPI_ISL_527450|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Norway/5620/2020|2020-11-10|EPI_ISL_708129|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/QEUEH-C31477/2020|2020-12-10|EPI_ISL_730785|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20169013804/2020|2020-04-16|EPI_ISL_465193|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC10813/2020|2020-07-30|EPI_ISL_563104|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-001425/2020|2020-11-20|EPI_ISL_683754|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Spain/IB-IBV-99011591/2020|2020-12-10|EPI_ISL_779854|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-26462/2020|2020-03-28|EPI_ISL_422372|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16ECCF/2020|2020-10-05|EPI_ISL_585849|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E6F5/2020|2020-10-15|EPI_ISL_607120|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42220870/2020|2020-04-05|EPI_ISL_581858|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-6D4351/2020|2020-07-02|EPI_ISL_556222|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1BC6/2020|2020-11-18|EPI_ISL_720091|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A797C7/2020|2020-10-15|EPI_ISL_606779|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165624/2020|2020-06-27|EPI_ISL_484690|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1187/2020|2020-12-20|EPI_ISL_763261|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/OXON-B07BF/2020|2020-04-20|EPI_ISL_478907|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03106/2020|2020-05-05|EPI_ISL_575255|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUIH-B0EFDD/2020|2020-11-02|EPI_ISL_649507|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-510/2020|2020-03-22|EPI_ISL_571244|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Austria/CeMM0165/2020|2020-03-06|EPI_ISL_438010|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-9CCEC1/2020|2020-09-16|EPI_ISL_566114|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7012/2020|2020-10-12|EPI_ISL_619859|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20109001704/2020|2020-03-04|EPI_ISL_464497|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S1909/2020|2020-05-28|EPI_ISL_496335|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/FL-BPHL-0979/2020|2020-07-29|EPI_ISL_517869|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Ireland/D-NVRL-20G41361/2020|2020-03-26|EPI_ISL_605071|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/England/EXET-136DAF/2020|2020-04-07|EPI_ISL_471924|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485E23/2020|2020-10-19|EPI_ISL_628284|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A69F/2020|2020-11-04|EPI_ISL_652584|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00243036/2020|2020-03-30|EPI_ISL_536345|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-19789/2020|2020-11-29|EPI_ISL_784127|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KDCA0122/2020|2020-10-04|EPI_ISL_747357|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Denmark/DCGC-18273/2020|2020-12-14|EPI_ISL_749373|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-WSLH-200483/2020|2020-05-19|EPI_ISL_578624|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18588/2020|2020-11-19|EPI_ISL_784936|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-EMC-120/2020|2020-10-05|EPI_ISL_632645|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/AZ-TG266871/2020|2020-03-10|EPI_ISL_694047|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Wales/MILK-A47E09/2020|2020-10-05|EPI_ISL_609259|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8207/2020|2020-08-00|EPI_ISL_687306|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-10036661877/2020|2020-10-28|EPI_ISL_650096|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Spain/IB-IBV-99011593/2020|2020-12-14|EPI_ISL_779912|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Austria/CeMM0101/2020|2020-03-20|EPI_ISL_437962|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/OXON-B2119/2020|2020-04-14|EPI_ISL_479117|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10403/2020|2020-06-05|EPI_ISL_570303|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B5987E/2020|2020-11-06|EPI_ISL_679878|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12777/2020|2020-10-14|EPI_ISL_648440|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-DSHS-0401/2020|2020-06-01|EPI_ISL_542461|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/NSW953/2020|2020-09-09|EPI_ISL_545025|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-7160/2020|2020-09-00|EPI_ISL_688265|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/OMS-ORINFI-5363S/2020|2020-06-05|EPI_ISL_569769|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/VIC10443/2020|2020-09-04|EPI_ISL_562914|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/M-20224207/2020|2020-07-06|EPI_ISL_776871|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|Garc\u00eda de Viedma|Spain

>Spike|hCoV-19/United Arab Emirates/0529/2020|2020-05-17|EPI_ISL_698691|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUH-B3F7F9/2020|2020-11-08|EPI_ISL_658651|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0413/2020|2020-11-04|EPI_ISL_760197|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMC-B788E2/2020|2020-11-11|EPI_ISL_783425|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18975/2020|2020-12-07|EPI_ISL_748677|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-E78/2020|2020-05-29|EPI_ISL_593551|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Switzerland/BE-ETHZ-260026/2020|2020-08-22|EPI_ISL_539360|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9DA121/2020|2020-09-18|EPI_ISL_576849|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20129109504/2020|2020-03-12|EPI_ISL_424094|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-9910DE/2020|2020-08-25|EPI_ISL_551892|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1230/2020|2020-04-04|EPI_ISL_579625|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/India/TG-CCMB-AB578/2020|2020-08-16|EPI_ISL_539665|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/CAMB-79882/2020|2020-04-01|EPI_ISL_441809|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-99CCEE/2020|2020-08-30|EPI_ISL_549941|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19330/2020|2020-12-07|EPI_ISL_748372|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT0879/2020|2020-03-28|EPI_ISL_511138|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/LA-GBCL-26544557/2020|2020-04-18|EPI_ISL_485132|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Bahrain/250182774/2020|2020-11-16|EPI_ISL_682316|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Russia/MOW-RII-MH2061S/2020|2020-09-25|EPI_ISL_602396|Original|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/UT-UPHL-2009152/2020|2020-05-31|EPI_ISL_525142|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-A46981/2020|2020-10-06|EPI_ISL_598423|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-GMF-19171/2020|2020-09-08|EPI_ISL_547791|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-C52A23/2020|2020-12-11|EPI_ISL_736286|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8463/2020|2020-07-01|EPI_ISL_780575|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9927F6/2020|2020-08-27|EPI_ISL_552028|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8376/2020|2020-10-14|EPI_ISL_612187|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M175/2020|2020-06-06|EPI_ISL_495190|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/TX-HMH-4740/2020|2020-06-22|EPI_ISL_544297|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NM-UNM-00085/2020|2020-04-01|EPI_ISL_467632|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/Scotland/QEUH-C33E95/2020|2020-12-11|EPI_ISL_757153|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-606/2020|2020-09-09|EPI_ISL_700243|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-8658/2020|2020-09-00|EPI_ISL_686254|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUH-A9DF98/2020|2020-10-20|EPI_ISL_652671|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WI-UW-791/2020|2020-07-03|EPI_ISL_495495|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-9D4A77/2020|2020-09-19|EPI_ISL_601570|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW799/2020|2020-08-06|EPI_ISL_526141|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-12559/2020|2020-11-16|EPI_ISL_682740|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA1B51/2020|2020-10-22|EPI_ISL_644098|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7725/2020|2020-08-05|EPI_ISL_564608|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG396392/2020|2020-06-12|EPI_ISL_694843|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15450/2020|2020-10-24|EPI_ISL_786934|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-14578/2020|2020-11-17|EPI_ISL_739453|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-18180/2020|2020-12-14|EPI_ISL_749798|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6898/2020|2020-10-12|EPI_ISL_619743|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CDA2F/2020|2020-04-01|EPI_ISL_457659|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Vietnam/VNHN_4864/2020|2020-04-10|EPI_ISL_455708|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/England/OXON-AD7D3/2020|2020-00-00|EPI_ISL_448596|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-CABE2F/2020|2020-12-20|EPI_ISL_761078|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LCST-24D69E0/2020|2020-06-02|EPI_ISL_478318|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-96CA92/2020|2020-08-21|EPI_ISL_530715|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG494611/2020|2020-07-13|EPI_ISL_695248|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-165AEC/2020|2020-04-14|EPI_ISL_490765|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/regal-11301203/2020|2020-11-30|EPI_ISL_735238|Original|hCoV-19^^Assenede|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Iceland/119/2020|2020-03-17|EPI_ISL_417544|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Northern Ireland/QEUH-95F995/2020|2020-08-06|EPI_ISL_532519|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21154/2020|2020-03-24|EPI_ISL_507930|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CT-UW-3118/2020|2020-03-27|EPI_ISL_485936|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/ON-PHL-20-02415/2020|2020-09-00|EPI_ISL_671606|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-95663D/2020|2020-06-08|EPI_ISL_553890|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14650/2020|2020-10-10|EPI_ISL_787935|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC12150/2020|2020-08-10|EPI_ISL_641147|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B05914/2020|2020-10-24|EPI_ISL_652206|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15265/2020|2020-10-21|EPI_ISL_786749|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC_26693628/2020|2020-03-00|EPI_ISL_463254|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/ALDP-9DA3A3/2020|2020-09-18|EPI_ISL_576868|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13632/2020|2020-11-30|EPI_ISL_712926|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-53538/2020|2020-10-02|EPI_ISL_766613|Original|hCoV-19^^Jonkoping|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUA-897A35/2020|2020-07-27|EPI_ISL_532736|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1747/2020|2020-05-12|EPI_ISL_542812|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-9F849D/2020|2020-09-27|EPI_ISL_600851|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49BEB1/2020|2020-12-06|EPI_ISL_742478|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201103917/2020|2020-04-05|EPI_ISL_623171|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18197/2020|2020-11-15|EPI_ISL_784545|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BB952A/2020|2020-11-20|EPI_ISL_702485|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-9D6E1F/2020|2020-09-20|EPI_ISL_585621|Original|hCoV-19^^Wales|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20154001704/2020|2020-04-06|EPI_ISL_466244|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B5E5/2020|2020-09-19|EPI_ISL_573878|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012728359/2020|2020-09-10|EPI_ISL_745664|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC12762/2020|2020-07-26|EPI_ISL_592074|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-82FAF/2020|2020-04-10|EPI_ISL_443373|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-A4CEE6/2020|2020-10-05|EPI_ISL_596065|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00832/2020|2020-10-08|EPI_ISL_692871|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/ALDP-B49158/2020|2020-11-07|EPI_ISL_649238|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2621/2020|2020-06-19|EPI_ISL_497253|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/BRIS-12B36F/2020|2020-05-03|EPI_ISL_487547|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA117/2020|2020-04-07|EPI_ISL_596680|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-BB5333/2020|2020-11-20|EPI_ISL_702765|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15860/2020|2020-07-10|EPI_ISL_785544|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB3598/2020|2020-04-27|EPI_ISL_439296|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E28B/2020|2020-09-26|EPI_ISL_595430|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42193780/2020|2020-03-16|EPI_ISL_528151|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Slovenia/5677/2020|2020-03-18|EPI_ISL_635220|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/CAMC-B7A22E/2020|2020-11-12|EPI_ISL_741090|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10187/2020|2020-05-11|EPI_ISL_455975|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-1745/2020|2020-03-09|EPI_ISL_619983|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8955/2020|2020-07-02|EPI_ISL_780855|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-C7822F/2020|2020-12-15|EPI_ISL_756899|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1264/2020|2020-12-14|EPI_ISL_740895|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/AZ-TG498743/2020|2020-07-14|EPI_ISL_695269|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/204290338/2020|2020-10-16|EPI_ISL_613611|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-32244/2020|2020-11-08|EPI_ISL_661133|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-S2902/2020|2020-10-03|EPI_ISL_596433|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-4A6563/2020|2020-12-17|EPI_ISL_765048|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB42B/2020|2020-11-21|EPI_ISL_701766|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2041/2020|2020-07-27|EPI_ISL_618266|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/DNAS-isl-95/2020|2020-05-24|EPI_ISL_605912|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/England/QEUH-B0EA18/2020|2020-11-02|EPI_ISL_641943|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204841755/2020|2020-00-00|EPI_ISL_671322|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-2F2D8/2020|2020-04-06|EPI_ISL_446230|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/EX-IBV-005007/2020|2020-03-13|EPI_ISL_510316|Original|hCoV-19^^Extremadura|Human|Hospital San Pedro de Alc\u00e9ntara (C\u00e9lceres)|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A6BFA2/2020|2020-10-09|EPI_ISL_609076|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00214050/2020|2020-03-10|EPI_ISL_535724|Original|hCoV-19^^Quebec|Human|Centre de SSS La Pommeraie|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/UT-UPHL-2008924/2020|2020-05-26|EPI_ISL_525030|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CWAR-24FDBDE/2020|2020-05-03|EPI_ISL_584493|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20032469/2020|2020-07-08|EPI_ISL_523827|Original|hCoV-19^^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/USA/WA-S1304/2020|2020-05-14|EPI_ISL_495754|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MN-MDH-2197/2020|2020-11-29|EPI_ISL_723148|Original|hCoV-19^^Minnesota|Human|Vault Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-10229/2020|2020-11-09|EPI_ISL_669846|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG403612/2020|2020-06-23|EPI_ISL_694862|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-9A413F/2020|2020-09-01|EPI_ISL_540147|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9060494/2020|2020-11-23|EPI_ISL_744839|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/OXON-B2BB1/2020|2020-04-06|EPI_ISL_534798|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-A0C556/2020|2020-10-01|EPI_ISL_584987|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20509/2020|2020-11-16|EPI_ISL_728724|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-SEARCH-5544/2020|2020-11-30|EPI_ISL_755285|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/SHEF-C8FBC/2020|2020-04-27|EPI_ISL_475415|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0803/2020|2020-06-02|EPI_ISL_590867|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/NSW1342/2020|2020-12-29|EPI_ISL_767908|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/CA-QDX-2097/2020|2020-03-18|EPI_ISL_604407|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420114/2020|2020-12-18|EPI_ISL_768261|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-B55872/2020|2020-11-05|EPI_ISL_657706|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-99A0E/2020|2020-04-13|EPI_ISL_439786|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96D7E5/2020|2020-08-20|EPI_ISL_534583|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC135/2020|2020-05-07|EPI_ISL_700399|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/NC-CDC-2-3693565/2020|2020-11-10|EPI_ISL_747178|Original|hCoV-19^^North Carolina|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/USA/WI-GMF-19502/2020|2020-09-09|EPI_ISL_547817|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Northern Ireland/NIRE-106F75/2020|2020-05-27|EPI_ISL_501040|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AS-IBV-98006613/2020|2020-03-13|EPI_ISL_654656|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/CVR3346/2020|2020-05-06|EPI_ISL_456782|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LOND-D8450/2020|2020-04-17|EPI_ISL_492753|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3456/2020|2020-07-00|EPI_ISL_691566|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-12991/2020|2020-10-21|EPI_ISL_672069|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Ireland/D-NVRL-20ILR10850/2020|2020-11-24|EPI_ISL_732446|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-9A52D1/2020|2020-09-04|EPI_ISL_550210|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654361/2020|2020-04-13|EPI_ISL_695998|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13236/2020|2020-08-25|EPI_ISL_788386|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-11791/2020|2020-10-26|EPI_ISL_671139|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-31F90/2020|2020-04-14|EPI_ISL_446593|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5087/2020|2020-06-24|EPI_ISL_544515|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-71C51A/2020|2020-07-02|EPI_ISL_557654|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19702/2020|2020-11-20|EPI_ISL_784055|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A33C6/2020|2020-12-14|EPI_ISL_744095|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A52366/2020|2020-10-07|EPI_ISL_598112|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8046/2020|2020-07-01|EPI_ISL_545815|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG395945/2020|2020-06-08|EPI_ISL_694778|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr409/2020|2020-08-31|EPI_ISL_636881|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Denmark/DCGC-19793/2020|2020-12-07|EPI_ISL_747593|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-AF6953/2020|2020-10-30|EPI_ISL_662921|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1236E6/2020|2020-04-06|EPI_ISL_442731|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/BRIS-122025/2020|2020-03-20|EPI_ISL_440038|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/BRIS-129826/2020|2020-03-31|EPI_ISL_458801|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18535/2020|2020-12-07|EPI_ISL_750026|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-846C02/2020|2020-07-16|EPI_ISL_557202|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2515/2020|2020-06-17|EPI_ISL_514918|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/IL-UW-1621/2020|2020-09-28|EPI_ISL_681321|Original|hCoV-19^^Illinois|Human|Pathology and Laboratory Medicine|Pathology and Laboratory Medicine|Moreno|USA

>Spike|hCoV-19/Germany/BY-ChVir-W1173-5738/2020|2020-03-30|EPI_ISL_754037|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Spain/NC-IBV-001381/2020|2020-03-14|EPI_ISL_452520|Original|hCoV-19^^Navarra|Human|Cl\u00e9nica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00e9nica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Hong Kong/VM20035537/2020|2020-07-11|EPI_ISL_523832|Original|hCoV-19^^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Canada/ON-PHL-20-03603/2020|2020-11-00|EPI_ISL_775111|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMC-B35122/2020|2020-11-05|EPI_ISL_659737|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9E5C/2020|2020-11-20|EPI_ISL_701773|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F6074/2020|2020-12-10|EPI_ISL_741733|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-9F0F2B/2020|2020-09-25|EPI_ISL_589754|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1249/2020|2020-07-30|EPI_ISL_529941|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUH-96166C/2020|2020-08-04|EPI_ISL_537085|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00123/2020|2020-04-03|EPI_ISL_791602|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/France/PAC-MEPHI-2153/2020|2020-09-30|EPI_ISL_644514|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Brazil/RJ-1901/2020|2020-04-09|EPI_ISL_456089|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Denmark/DCGC-20827/2020|2020-12-21|EPI_ISL_758953|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-2188/2020|2020-08-22|EPI_ISL_653341|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Netherlands/Utrecht_45/2020|2020-04-14|EPI_ISL_461243|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/ON-PHL-20-00051/2020|2020-00-00|EPI_ISL_548728|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-47ECAB/2020|2020-09-24|EPI_ISL_595576|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-293FF4/2020|2020-07-23|EPI_ISL_573334|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC5920/2020|2020-07-21|EPI_ISL_518699|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-1682/2020|2020-03-25|EPI_ISL_494740|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/FL-EMC-45/2020|2020-12-11|EPI_ISL_722459|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/PAC-IHU-0145/2020|2020-03-21|EPI_ISL_569334|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-B5B557/2020|2020-11-08|EPI_ISL_655466|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B71224/2020|2020-11-14|EPI_ISL_703540|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-202-6410/2020|2020-03-27|EPI_ISL_574840|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/USA/WA-UW-13081/2020|2020-06-30|EPI_ISL_570851|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-16917/2020|2020-12-14|EPI_ISL_750641|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH118/2020|2020-03-24|EPI_ISL_678076|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-11383/2020|2020-11-02|EPI_ISL_670551|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2D33DE/2020|2020-04-11|EPI_ISL_529671|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-3604/2020|2020-07-00|EPI_ISL_691858|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR5673/2020|2020-11-09|EPI_ISL_651898|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORW-E7324/2020|2020-04-08|EPI_ISL_449024|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F0D8/2020|2020-11-06|EPI_ISL_681043|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-99E3BA/2020|2020-08-31|EPI_ISL_550524|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD1C7/2020|2020-09-16|EPI_ISL_566257|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18133/2020|2020-11-17|EPI_ISL_784481|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/HH-hpi-p2015/2020|2020-03-21|EPI_ISL_776323|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/LEED-2A9395/2020|2020-04-07|EPI_ISL_539165|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0654/2020|2020-04-07|EPI_ISL_508858|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Netherlands/NA_615/2020|2020-03-16|EPI_ISL_460778|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-33CC4/2020|2020-04-18|EPI_ISL_446810|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-C15B1/2020|2020-03-20|EPI_ISL_432725|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-10CDCDB/2020|2020-12-17|EPI_ISL_742004|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LOND-1260E4B/2020|2020-04-04|EPI_ISL_524643|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1508/2020|2020-06-15|EPI_ISL_618111|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/GJ-GBRC-424a/2020|2020-07-14|EPI_ISL_586555|Original|hCoV-19^^Gujarat|Human|CCC, Veraval|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Canada/QC_AQ1/2020|2020-04-02|EPI_ISL_463927|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/CA-IGI-0602/2020|2020-08-01|EPI_ISL_677842|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Spain/AR-IBV-98008166/2020|2020-10-14|EPI_ISL_654467|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-504/2020|2020-04-01|EPI_ISL_544479|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7AF31/2020|2020-04-10|EPI_ISL_433896|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11263/2020|2020-09-03|EPI_ISL_789753|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-96F8A4/2020|2020-08-15|EPI_ISL_530443|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F29C1/2020|2020-09-25|EPI_ISL_589133|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-410181/2020|2020-12-12|EPI_ISL_737667|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B087EA/2020|2020-10-29|EPI_ISL_643838|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8724/2020|2020-10-25|EPI_ISL_650796|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Scotland/EDB3879/2020|2020-04-30|EPI_ISL_439352|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Norway/CS-06/2020|2020-04-27|EPI_ISL_665255|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f8vestad|Norway

>Spike|hCoV-19/USA/CA-CZB-9651/2020|2020-04-27|EPI_ISL_672105|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-B98363/2020|2020-11-15|EPI_ISL_675117|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3899/2020|2020-07-24|EPI_ISL_548519|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Germany/NW-HHU-217/2020|2020-04-22|EPI_ISL_626216|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/MILK-A47DA2/2020|2020-10-05|EPI_ISL_598428|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0C85C/2020|2020-10-31|EPI_ISL_643361|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0722-SAN/2020|2020-05-04|EPI_ISL_483324|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/MILK-9E186E/2020|2020-09-19|EPI_ISL_577411|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-8FD87F/2020|2020-06-24|EPI_ISL_551476|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012362745/2020|2020-10-26|EPI_ISL_745513|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/204742484/2020|2020-11-17|EPI_ISL_683544|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-2961EC/2020|2020-05-19|EPI_ISL_484265|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10873/2020|2020-08-06|EPI_ISL_583113|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WA-S66/2020|2020-03-06|EPI_ISL_417119|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/LIVE-A17B1/2020|2020-06-19|EPI_ISL_490338|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-19599/2020|2020-09-10|EPI_ISL_547828|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_S-02/2020|2020-06-28|EPI_ISL_774996|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-17016/2020|2020-12-14|EPI_ISL_750712|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1938/2020|2020-09-23|EPI_ISL_613488|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH490/2020|2020-04-08|EPI_ISL_512934|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/India/MH-ACTREC-397/2020|2020-07-29|EPI_ISL_700046|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-A2D610/2020|2020-10-05|EPI_ISL_586854|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E042F/2020|2020-09-20|EPI_ISL_601270|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAC26F/2020|2020-11-18|EPI_ISL_783276|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0070/2020|2020-05-09|EPI_ISL_522355|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MA-MGH-00617/2020|2020-03-28|EPI_ISL_460393|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Serbia/KV52-12-05/2020|2020-05-11|EPI_ISL_514426|Original|hCoV-19^^Serbia|Human|Laboratory Diagnostic|Laboratory Diagnostic|Submitter|Serbia

>Spike|hCoV-19/Scotland/EDB1622/2020|2020-04-13|EPI_ISL_433092|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D4637/2020|2020-09-18|EPI_ISL_601775|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7BFF4/2020|2020-04-13|EPI_ISL_433978|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/India/MH-NIV-187756/2020|2020-08-31|EPI_ISL_541721|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/Australia/VIC13867/2020|2020-08-24|EPI_ISL_563858|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC816/2020|2020-04-03|EPI_ISL_427089|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-1222/2020|2020-04-16|EPI_ISL_542591|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-2929BB/2020|2020-05-22|EPI_ISL_472275|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-87C1C8/2020|2020-07-18|EPI_ISL_557228|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A6A4C2/2020|2020-10-09|EPI_ISL_627509|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-743D1/2020|2020-03-20|EPI_ISL_425285|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2387/2020|2020-03-17|EPI_ISL_468840|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORT-1B79A24/2020|2020-11-27|EPI_ISL_741444|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C2E6/2020|2020-11-10|EPI_ISL_655821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-642D32/2020|2020-07-04|EPI_ISL_556294|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18020/2020|2020-12-14|EPI_ISL_749163|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Uruguay/UY-NYUMC852/2020|2020-03-17|EPI_ISL_457948|Original|hCoV-19^^Montevideo|Human|Laboratorio de Biología Molecular Asociaci\u00f3n Espa\u00f1ola Primera en Salud|Departments of Pathology and Medicine|Maurano|Uruguay

>Spike|hCoV-19/Australia/VIC15038/2020|2020-07-29|EPI_ISL_593119|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A6C16F/2020|2020-10-08|EPI_ISL_609049|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2183/2020|2020-05-20|EPI_ISL_545168|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6730/2020|2020-08-00|EPI_ISL_687841|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/UT-AR64/2020|2020-06-09|EPI_ISL_511922|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/20128033202/2020|2020-03-18|EPI_ISL_420470|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR3733/2020|2020-05-09|EPI_ISL_473771|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BE8E81/2020|2020-12-03|EPI_ISL_710614|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA13C1/2020|2020-11-18|EPI_ISL_672847|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-292FC/2020|2020-04-03|EPI_ISL_445507|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Hangzhou/HZCDC0090L/2020|2020-01-21|EPI_ISL_421229|Original|hCoV-19^^Hangzhou|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China

>Spike|hCoV-19/France/PAC-IHU-0122/2020|2020-03-24|EPI_ISL_569321|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-11633/2020|2020-09-08|EPI_ISL_790071|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NA_411/2020|2020-03-21|EPI_ISL_455213|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Poland/PL_P47/2020|2020-04-17|EPI_ISL_492072|Original|hCoV-19^^Mazowieckie|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/Denmark/DCGC-22291/2020|2020-12-14|EPI_ISL_758093|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Thailand/Bangkok-CONI-0231/2020|2020-03-27|EPI_ISL_512872|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/UN-CDC-7419/2020|2020-04-20|EPI_ISL_514065|Original|hCoV-19^USA|Human|Navy and Marine Corps Public Health Center|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/CA-ALSR-3273/2020|2020-09-16|EPI_ISL_635946|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/OR-ILSCV19144/2020|2020-05-14|EPI_ISL_463065|Original|hCoV-19^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/MILK-9D4AC2/2020|2020-09-19|EPI_ISL_601633|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A50C03/2020|2020-10-07|EPI_ISL_597750|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AD6B8/2020|2020-00-00|EPI_ISL_448588|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31525/2020|2020-04-12|EPI_ISL_446457|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB6B9/2020|2020-04-21|EPI_ISL_470324|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0533/2020|2020-06-04|EPI_ISL_529081|Original|hCoV-19^South Carolina|Human|Microbiology Division|Microbiology Division|Flores,H.|USA

>Spike|hCoV-19/England/CAMC-B353C2/2020|2020-11-05|EPI_ISL_659513|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B124F5/2020|2020-11-02|EPI_ISL_642670|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10FDEB/2020|2020-04-09|EPI_ISL_441445|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-AA37B5/2020|2020-10-22|EPI_ISL_624958|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-1710CD/2020|2020-03-27|EPI_ISL_459596|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46DC1/2020|2020-10-06|EPI_ISL_598265|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1416-4346/2020|2020-06-22|EPI_ISL_753958|Original|hCoV-19^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Northern Ireland/NIRE-233169/2020|2020-09-26|EPI_ISL_680259|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9903/2020|2020-07-06|EPI_ISL_780333|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2D1886/2020|2020-04-11|EPI_ISL_484428|Original|hCoV-19^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/OXON-B4D40/2020|2020-04-01|EPI_ISL_535010|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1878/2020|2020-05-09|EPI_ISL_542890|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BAF958/2020|2020-11-17|EPI_ISL_783263|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7021/2020|2020-08-00|EPI_ISL_688126|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B3FCEB/2020|2020-11-08|EPI_ISL_658512|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C3287A/2020|2020-12-10|EPI_ISL_782487|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-09231005/2020|2020-09-23|EPI_ISL_735028|Original|hCoV-19^^Steenokkerzeel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-BB066C/2020|2020-11-17|EPI_ISL_720294|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-168/2020|2020-05-03|EPI_ISL_480261|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/QEUA-A0B6AF/2020|2020-10-03|EPI_ISL_599481|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E832/2020|2020-06-17|EPI_ISL_555472|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A5E379/2020|2020-10-12|EPI_ISL_597509|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC130/2020|2020-04-01|EPI_ISL_424937|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/AZ-TG381250/2020|2020-06-15|EPI_ISL_694656|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUA-96398F/2020|2020-08-11|EPI_ISL_536840|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV08435/2020|2020-03-18|EPI_ISL_421390|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/SHEF-C27E7/2020|2020-06-12|EPI_ISL_479203|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/PA_2887/2020|2020-03-08|EPI_ISL_426434|Original|hCoV-19^^Pennsylvania|Human|PA Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/WI-WSLH-200360/2020|2020-04-21|EPI_ISL_578530|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Wuhan/0126-C47/2020|2020-01-26|EPI_ISL_493177|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/England/CAMB-73D2F/2020|2020-04-01|EPI_ISL_433688|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F90A/2020|2020-10-15|EPI_ISL_607092|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99009668/2020|2020-10-22|EPI_ISL_654393|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-7187/2020|2020-07-00|EPI_ISL_688291|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S692/2020|2020-04-08|EPI_ISL_449862|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/France/PAC-MEPHI-2061/2020|2020-09-21|EPI_ISL_644487|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMC-C26141/2020|2020-12-08|EPI_ISL_733868|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-CB7549/2020|2020-12-18|EPI_ISL_777839|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-990163/2020|2020-08-26|EPI_ISL_539923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AF3D1E/2020|2020-10-30|EPI_ISL_663159|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12C5A4/2020|2020-05-06|EPI_ISL_469517|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-54D749/2020|2020-05-12|EPI_ISL_533402|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2005080071/2020|2020-05-07|EPI_ISL_710148|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/TX-HMH-6702/2020|2020-06-24|EPI_ISL_546181|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW906/2020|2020-08-28|EPI_ISL_544987|Original|hCoV-19^^New South Wales|Human|Histopath|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC12592/2020|2020-07-29|EPI_ISL_641272|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A96023/2020|2020-10-20|EPI_ISL_624600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03869/2020|2020-04-05|EPI_ISL_470725|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-7897/2020|2020-06-30|EPI_ISL_545689|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/NAQ-SC279/2020|2020-03-30|EPI_ISL_645183|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Japan/PG-1537/2020|2020-04-00|EPI_ISL_685143|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-PROV-096/2020|2020-04-21|EPI_ISL_482367|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Denmark/DCGC-3494/2020|2020-08-31|EPI_ISL_616282|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9AF495/2020|2020-09-01|EPI_ISL_559844|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NOTT-10EAE5/2020|2020-03-30|EPI_ISL_425639|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B84045/2020|2020-11-14|EPI_ISL_674451|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-13003/2020|2020-06-29|EPI_ISL_570940|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/reg-09181051/2020|2020-09-18|EPI_ISL_734994|Original|hCoV-19^^Boortmeerbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Turkey/HSGM-1497/2020|2020-03-19|EPI_ISL_437321|Vero P1|hCoV-19^^Istanbul|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/USA/WI-UW-2520/2020|2020-12-30|EPI_ISL_779351|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Bahrain/340862225_S35/2020|2020-10-14|EPI_ISL_632903|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Wales/PHWC-28B10/2020|2020-04-02|EPI_ISL_445403|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL558/2020|2020-08-05|EPI_ISL_578962|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Luxembourg/LNS0895040/2020|2020-07-13|EPI_ISL_739848|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-4A62A8/2020|2020-12-16|EPI_ISL_765020|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2251/2020|2020-11-03|EPI_ISL_723498|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/France/OCC-SC511/2020|2020-04-24|EPI_ISL_660702|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/United Arab Emirates/0734/2020|2020-05-15|EPI_ISL_698884|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/IC-0330/2020|2020-11-00|EPI_ISL_721574|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC11208/2020|2020-09-07|EPI_ISL_562701|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A45876/2020|2020-10-06|EPI_ISL_598664|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3980/2020|2020-08-28|EPI_ISL_540777|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/WA496/2020|2020-11-24|EPI_ISL_708790|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Wales/PHWC-48307A/2020|2020-10-08|EPI_ISL_627306|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A9FDF6/2020|2020-10-20|EPI_ISL_611475|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/17A63S4/2020|2020-04-17|EPI_ISL_481581|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/CA-ALSR-0479-SAN/2020|2020-04-10|EPI_ISL_483168|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-Wadsworth-269590-01/2020|2020-11-10|EPI_ISL_734428|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA

>Spike|hCoV-19/South Korea/KDCA0227/2020|2020-10-14|EPI_ISL_759992|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Denmark/DCGC-16858/2020|2020-12-14|EPI_ISL_750306|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-LAC-USC10/2020-06-02|2020-06-02|EPI_ISL_569673|Original|hCoV-19^^California|Human|Lee Lab|Lee Lab|Lee|USA

>Spike|hCoV-19/England/ALDP-A66AC4/2020|2020-10-12|EPI_ISL_630553|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2518/2020|2020-04-15|EPI_ISL_453059|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4053/2020|2020-10-03|EPI_ISL_636413|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/IL-UW-383/2020|2020-05-22|EPI_ISL_480365|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/PA-MGSC48-05/2020|2020-03-26|EPI_ISL_436496|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/England/CAMC-BC0809/2020|2020-11-22|EPI_ISL_705147|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21843/2020|2020-12-21|EPI_ISL_758399|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-9F52C3/2020|2020-09-27|EPI_ISL_638923|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0262/2020|2020-03-14|EPI_ISL_693341|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/CA-ALSR-0579-SAN/2020|2020-05-13|EPI_ISL_483235|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/ME-HETL-J0114/2020|2020-09-02|EPI_ISL_755316|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Germany/NW-HHU-355/2020|2020-09-10|EPI_ISL_666642|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0r Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Canada/QC-LSPQ-L00226159/2020|2020-03-17|EPI_ISL_535843|Original|hCoV-19^^Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaud\u00e8re|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Netherlands/NoordBrabant_128/2020|2020-03-28|EPI_ISL_461163|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-9B8AD3/2020|2020-09-07|EPI_ISL_549754|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B9E549/2020|2020-11-18|EPI_ISL_719660|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7D1B6/2020|2020-10-13|EPI_ISL_606478|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100371/2020|2020-03-19|EPI_ISL_575012|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-21976/2020|2020-12-14|EPI_ISL_758487|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3240/2020|2020-04-00|EPI_ISL_691356|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CAMC-A573DA/2020|2020-10-09|EPI_ISL_609205|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-331077/2020|2020-10-20|EPI_ISL_614971|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-7C9C8/2020|2020-04-05|EPI_ISL_442052|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-B80E7C/2020|2020-11-14|EPI_ISL_668083|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW179/2020|2020-03-15|EPI_ISL_416717|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-96A074/2020|2020-08-10|EPI_ISL_530915|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9435/2020|2020-11-09|EPI_ISL_668969|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B88418/2020|2020-11-13|EPI_ISL_674444|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5502F/2020|2020-11-03|EPI_ISL_657861|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001233/2020|2020-11-05|EPI_ISL_683941|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/South Africa/KRISP-K001337/2020|2020-07-19|EPI_ISL_515822|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Belgium/ULG-10938/2020|2020-11-24|EPI_ISL_678477|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/AK-PHL1418/2020|2020-07-17|EPI_ISL_528494|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/England/LCST-24D6D4E/2020|2020-06-10|EPI_ISL_484232|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NOTT-11078F/2020|2020-04-20|EPI_ISL_441855|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-BBC378/2020|2020-11-18|EPI_ISL_724127|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2167/2020|2020-04-12|EPI_ISL_468951|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-C85AFA/2020|2020-12-17|EPI_ISL_756605|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149021804/2020|2020-04-03|EPI_ISL_466164|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Turkey/KOC-IST-B316/2020|2020-03-29|EPI_ISL_613462|Original|hCoV-19^^Turkey|Human|Microbiology|Microbiology|Nurtop|Turkey

>Spike|hCoV-19/Scotland/QEUA-9F4CC6/2020|2020-09-27|EPI_ISL_600723|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0006/2020|2020-03-12|EPI_ISL_515295|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Wales/PHWC-16D7A1/2020|2020-09-25|EPI_ISL_577446|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-BA08C3/2020|2020-11-18|EPI_ISL_719726|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0127/2020|2020-03-11|EPI_ISL_437983|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/WI-UW-1095/2020|2020-08-02|EPI_ISL_516520|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00229929/2020|2020-03-19|EPI_ISL_535905|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Chicoutimi|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/CAMB-1AB473/2020|2020-04-19|EPI_ISL_470288|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00828/2020|2020-04-13|EPI_ISL_791784|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/AZ-TG392982/2020|2020-06-18|EPI_ISL_694710|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/NORT-284A13/2020|2020-03-25|EPI_ISL_488657|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NC_6999/2020|2020-03-06|EPI_ISL_424871|Original|hCoV-19^^North Carolina|Human|NC State Laboratory of Public Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMC-B22137/2020|2020-11-02|EPI_ISL_645992|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-724FE/2020|2020-03-21|EPI_ISL_439600|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-9F960F/2020|2020-09-25|EPI_ISL_589164|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036760166/2020|2020-11-03|EPI_ISL_682219|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Wales/PHWC-4A2558/2020|2020-12-15|EPI_ISL_743905|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-5637C5/2020|2020-06-10|EPI_ISL_558309|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12AF4E/2020|2020-04-30|EPI_ISL_458486|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27285/2020|2020-03-31|EPI_ISL_432277|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Hungary/US-60568w/2020|2020-09-29|EPI_ISL_677815|Original|hCoV-19^^B\u00e9k\u00e9s county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/ALDP-95B02B/2020|2020-06-14|EPI_ISL_555683|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08155/2020|2020-10-29|EPI_ISL_643760|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1658/2020|2020-05-12|EPI_ISL_456559|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC_391/2020|2020-07-31|EPI_ISL_603225|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/New Zealand/20CV0224/2020|2020-08-30|EPI_ISL_548118|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-932813/2020|2020-06-20|EPI_ISL_551397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20731/2020|2020-12-21|EPI_ISL_759330|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3345/2020|2020-08-31|EPI_ISL_616099|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1345/2020|2020-04-00|EPI_ISL_684953|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-5754/2020|2020-06-24|EPI_ISL_546990|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-A36966/2020|2020-10-06|EPI_ISL_638684|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-130437/2020|2020-04-11|EPI_ISL_492535|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB11336/2020|2020-12-26|EPI_ISL_764369|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4044086/2020|2020-10-29|EPI_ISL_740407|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-A3F1FC/2020|2020-10-04|EPI_ISL_609653|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1051/2020|2020-07-08|EPI_ISL_593703|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Colombia/NAR-GUR-0627/2020|2020-03-29|EPI_ISL_447749|Original|hCoV-19^^Narino|Human|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9drez|Colombia

>Spike|hCoV-19/England/QEUH-9B4916/2020|2020-09-03|EPI_ISL_590356|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0926/2020|2020-06-15|EPI_ISL_602224|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-9706E2/2020|2020-08-17|EPI_ISL_553126|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001448/2020|2020-11-24|EPI_ISL_683812|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/NORW-E701E/2020|2020-04-21|EPI_ISL_453549|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1F435/2020|2020-10-01|EPI_ISL_587503|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020326697/2020|2020-09-02|EPI_ISL_632845|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20090/2020|2020-11-23|EPI_ISL_723268|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Japan/PG-5894/2020|2020-08-00|EPI_ISL_689009|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-18830/2020|2020-11-25|EPI_ISL_785150|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-BBA468/2020|2020-11-20|EPI_ISL_702371|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3257811/2020|2020-04-09|EPI_ISL_429773|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/EDB5340/2020|2020-05-22|EPI_ISL_493959|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15771/2020|2020-07-09|EPI_ISL_785455|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-75F0B0/2020|2020-07-14|EPI_ISL_532995|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-270037/2020|2020-09-01|EPI_ISL_541401|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/GJ-GBRC141b/2020|2020-05-24|EPI_ISL_458101|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/ALDP-B490E2/2020|2020-11-07|EPI_ISL_649329|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957924/2020|2020-06-11|EPI_ISL_554058|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13050/2020|2020-07-25|EPI_ISL_592165|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-QDX-1688/2020|2020-03-16|EPI_ISL_604006|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01248/2020|2020-06-00|EPI_ISL_548870|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/France/BFC-5012/2020|2020-04-02|EPI_ISL_443262|Original|hCoV-19^^Bourgogne-Franche-Comt\u00e9|Human|CHU de Dijon - Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/TX-HMH-1144/2020|2020-04-19|EPI_ISL_542551|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BS-42200886/2020|2020-03-20|EPI_ISL_581721|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Spain/AN-IBV-001155/2020|2020-03-25|EPI_ISL_452577|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-72151/2020|2020-03-28|EPI_ISL_439930|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6875/2020|2020-10-12|EPI_ISL_619720|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-C2D4C9/2020|2020-12-07|EPI_ISL_733911|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C362C/2020|2020-09-10|EPI_ISL_566787|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000085/2020|2020-03-19|EPI_ISL_631578|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Luxembourg/LNS5146889/2020|2020-11-01|EPI_ISL_744191|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-19254/2020|2020-12-07|EPI_ISL_748848|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-2329/2020|2020-05-30|EPI_ISL_545248|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4951/2020|2020-09-21|EPI_ISL_621489|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3347/2020|2020-04-00|EPI_ISL_691462|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-484DDC/2020|2020-10-19|EPI_ISL_628112|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-F04BC/2020|2020-10-07|EPI_ISL_584731|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC5891/2020|2020-07-21|EPI_ISL_518673|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-AB8DF7/2020|2020-10-21|EPI_ISL_623685|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-576/2020|2020-09-02|EPI_ISL_700220|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUA-A33969/2020|2020-10-05|EPI_ISL_628417|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Singapore/759/2020|2020-03-14|EPI_ISL_507004|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/NOTT-1203E2/2020|2020-12-08|EPI_ISL_725612|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Puerto Rico/CDC-S10/2020|2020-03-24|EPI_ISL_434550|Original|hCoV-19^^Puerto Rico|Human|Puerto Rico Department of Health|Centers for Disease Control and Prevention|Santiago|USA

>Spike|hCoV-19/Jordan/AM-ALSR-4079/2020|2020-10-03|EPI_ISL_636439|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Denmark/DCGC-17203/2020|2020-12-14|EPI_ISL_750391|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6E84A/2020|2020-10-15|EPI_ISL_607801|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6095/2020|2020-08-00|EPI_ISL_689207|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-1273/2020|2020-03-00|EPI_ISL_684882|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC6679/2020|2020-07-20|EPI_ISL_521435|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-89A601/2020|2020-07-27|EPI_ISL_532774|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7546/2020|2020-06-25|EPI_ISL_546841|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-432/2020|2020-06-17|EPI_ISL_484807|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-AC7751/2020|2020-10-17|EPI_ISL_630272|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5D1461/2020|2020-06-19|EPI_ISL_558480|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0063/2020|2020-03-01|EPI_ISL_479823|Original|hCoV-19^^Chushikoku|Human|Kochi Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-10386/2020|2020-08-07|EPI_ISL_540553|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-492A89/2020|2020-11-24|EPI_ISL_725741|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0273/2020|2020-04-14|EPI_ISL_509088|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/VIC13332/2020|2020-07-28|EPI_ISL_563679|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/GSTT-265D369/2020|2020-03-17|EPI_ISL_483946|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A316/2020|2020-11-15|EPI_ISL_673667|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4793/2020|2020-07-18|EPI_ISL_519179|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-293792/2020|2020-07-02|EPI_ISL_499596|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-636/2020|2020-03-17|EPI_ISL_571361|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-74614/2020|2020-03-22|EPI_ISL_425316|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-241/2020|2020-05-16|EPI_ISL_735308|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/OXON-AFD0C/2020|2020-04-09|EPI_ISL_478822|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-C310FB/2020|2020-12-11|EPI_ISL_731319|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC60BE/2020|2020-11-26|EPI_ISL_705083|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/QLD1151/2020|2020-03-30|EPI_ISL_639754|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Iran/SA-Isf-34/2020|2020-05-19|EPI_ISL_672586|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/USA/PA-MGEL102/2020|2020-04-01|EPI_ISL_454381|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/England/QEUEH-C53E26/2020|2020-12-12|EPI_ISL_736258|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-77BCE7/2020|2020-07-16|EPI_ISL_533190|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-660/2020|2020-09-28|EPI_ISL_632323|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B55010/2020|2020-11-04|EPI_ISL_657751|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/JK-NCDC-02370/2020|2020-03-29|EPI_ISL_435107|Original|hCoV-19^^Jammu and Kashmir|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Japan/PG-3254/2020|2020-06-00|EPI_ISL_691369|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B23A1D/2020|2020-11-04|EPI_ISL_646913|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AEBD5/2020|2020-05-04|EPI_ISL_448058|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-C7B365/2020|2020-12-15|EPI_ISL_756873|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18588/2020|2020-12-07|EPI_ISL_750064|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B33D11/2020|2020-11-05|EPI_ISL_659270|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-17/2020|2020-04-20|EPI_ISL_751338|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Wales/PHWC-493596/2020|2020-11-29|EPI_ISL_725908|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6890/2020|2020-10-12|EPI_ISL_619735|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410093/2020|2020-12-17|EPI_ISL_737915|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-ACD858/2020|2020-10-21|EPI_ISL_630334|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP12D08P/2020|2020-03-16|EPI_ISL_427604|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/USA/CA-CSMC47/2020|2020-04-09|EPI_ISL_475659|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/UT-012/2020|2020-03-12|EPI_ISL_417960|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-2373/2020|2020-05-00|EPI_ISL_685978|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MGH-02816/2020|2020-09-19|EPI_ISL_765647|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20111/2020|2020-03-24|EPI_ISL_436846|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMB-1BADFE/2020|2020-11-11|EPI_ISL_664174|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14226/2020|2020-10-04|EPI_ISL_787511|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-CADC6F/2020|2020-12-20|EPI_ISL_761353|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47EDA8/2020|2020-10-12|EPI_ISL_595589|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-C348C3/2020|2020-12-11|EPI_ISL_734112|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-284AC/2020|2020-03-29|EPI_ISL_432100|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E4CA/2020|2020-10-06|EPI_ISL_586675|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC-0361/2020|2020-09-30|EPI_ISL_671670|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-18821/2020|2020-11-24|EPI_ISL_785145|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B89C4C/2020|2020-11-13|EPI_ISL_675661|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B9E655/2020|2020-11-18|EPI_ISL_757198|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B3F39B/2020|2020-11-08|EPI_ISL_658494|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1039229/2020|2020-10-19|EPI_ISL_739877|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-AA1210/2020|2020-10-22|EPI_ISL_623922|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CC25B4/2020|2020-12-19|EPI_ISL_778281|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B1657/2020|2020-00-00|EPI_ISL_479032|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-95549E/2020|2020-06-12|EPI_ISL_554548|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_305/2020|2020-04-01|EPI_ISL_422614|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-8403/2020|2020-10-26|EPI_ISL_617352|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4811/2020|2020-09-21|EPI_ISL_621421|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0169/2020|2020-05-31|EPI_ISL_467519|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Northern Ireland/NIRE-108948/2020|2020-09-10|EPI_ISL_585220|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/20238073704/2020|2020-06-04|EPI_ISL_471515|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F7944/2020|2020-09-27|EPI_ISL_589213|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A2677/2020|2020-05-20|EPI_ISL_512343|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC258/2020|2020-03-21|EPI_ISL_419951|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49A83C/2020|2020-12-02|EPI_ISL_727605|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-15712/2020|2020-10-30|EPI_ISL_718208|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/Wales/PHWC-4919D8/2020|2020-11-09|EPI_ISL_706723|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6504/2020|2020-07-26|EPI_ISL_521278|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A82C35/2020|2020-10-12|EPI_ISL_610645|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B2445A/2020|2020-11-04|EPI_ISL_646906|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DD93/2020|2020-10-05|EPI_ISL_586829|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B031D2/2020|2020-10-21|EPI_ISL_642917|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12947/2020|2020-08-18|EPI_ISL_788099|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-AF434/2020|2020-04-14|EPI_ISL_478738|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20109060106/2020|2020-03-07|EPI_ISL_417284|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-115A54/2020|2020-10-16|EPI_ISL_595282|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-2480/2020|2020-05-26|EPI_ISL_635492|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/England/MILK-BDCAA/2020|2020-11-27|EPI_ISL_709640|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0381/2020|2020-06-23|EPI_ISL_538317|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MN-MDH-1726/2020|2020-09-16|EPI_ISL_576235|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-10397/2020|2020-11-02|EPI_ISL_669942|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-703534/2020|2020-06-30|EPI_ISL_557616|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-02822/2020|2020-04-25|EPI_ISL_575085|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MI-QDX-350/2020|2020-03-23|EPI_ISL_571094|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-1288/2020|2020-03-00|EPI_ISL_684897|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9CB554/2020|2020-09-16|EPI_ISL_575580|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003713/2020|2020-04-03|EPI_ISL_467212|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-9C734F/2020|2020-09-12|EPI_ISL_573298|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2737/2020|2020-08-27|EPI_ISL_667297|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-99C4F5/2020|2020-08-30|EPI_ISL_550757|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11431/2020|2020-08-20|EPI_ISL_563369|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-11027F/2020|2020-04-11|EPI_ISL_441490|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/NSW536/2020|2020-03-25|EPI_ISL_455075|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/TAS104/2020|2020-03-20|EPI_ISL_522570|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DCB532/2020|2020-11-24|EPI_ISL_724408|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-1271C3/2020|2020-04-24|EPI_ISL_469707|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17921/2020|2020-12-14|EPI_ISL_749197|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8251/2020|2020-10-26|EPI_ISL_617093|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0130/2020|2020-04-14|EPI_ISL_437769|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/MILK-A17FF0/2020|2020-09-30|EPI_ISL_595010|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WA-S1440/2020|2020-05-21|EPI_ISL_495890|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-954E46/2020|2020-06-13|EPI_ISL_553428|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB4719/2020|2020-12-19|EPI_ISL_760979|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79CF5/2020|2020-10-15|EPI_ISL_606834|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BC7E/2020|2020-11-04|EPI_ISL_665451|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20394/2020|2020-12-11|EPI_ISL_728614|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Japan/Donner94/2020|2020-08-25|EPI_ISL_644998|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300261/2020|2020-10-01|EPI_ISL_603293|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-0354/2020|2020-03-31|EPI_ISL_480026|Original|hCoV-19^^Kanto|Human|Ibaraki Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9EC159/2020|2020-09-24|EPI_ISL_580449|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10070/2020|2020-06-21|EPI_ISL_672204|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Hong Kong/HKU-904a/2020|2020-01-30|EPI_ISL_450412|unknown|hCoV-19^^Hong Kong|Human|unknown|Microbiology|Submitter|China

>Spike|hCoV-19/England/CAMC-A3EBA4/2020|2020-10-05|EPI_ISL_609658|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-292CD0/2020|2020-05-18|EPI_ISL_472281|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-5354/2020|2020-08-00|EPI_ISL_690457|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-18891/2020|2020-12-07|EPI_ISL_748493|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16752/2020|2020-12-14|EPI_ISL_750540|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-4515/2020|2020-06-19|EPI_ISL_543684|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB1697/2020|2020-04-15|EPI_ISL_433120|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUH-94379A/2020|2020-07-27|EPI_ISL_532613|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9AE2BA/2020|2020-09-02|EPI_ISL_638632|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/20186036004/2020|2020-04-28|EPI_ISL_465469|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B428C/2020|2020-06-01|EPI_ISL_473465|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0466/2020|2020-04-05|EPI_ISL_569530|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a0Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-9598/2020|2020-07-04|EPI_ISL_780174|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-SCCPHD-UC159/2020|2020-03-12|EPI_ISL_435638|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/USA/MA-QDX-1457/2020|2020-03-12|EPI_ISL_603824|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-BA207E/2020|2020-11-18|EPI_ISL_719971|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20124086804/2020|2020-03-18|EPI_ISL_465789|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-A786CB/2020|2020-10-13|EPI_ISL_638761|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CB1D/2020|2020-12-10|EPI_ISL_731575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50294/2020|2020-03-11|EPI_ISL_454902|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-CZB-11273/2020|2020-09-11|EPI_ISL_739557|Original|hCoV-19^^California|Human|Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-2100/2020|2020-04-00|EPI_ISL_685705|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS4104090/2020|2020-12-02|EPI_ISL_771030|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-9E890A/2020|2020-09-24|EPI_ISL_638264|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21991/2020|2020-09-26|EPI_ISL_576214|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-NYUMC399/2020|2020-04-13|EPI_ISL_430426|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-A7DE64/2020|2020-10-15|EPI_ISL_638481|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Romania/ROSV_569/2020|2020-04-05|EPI_ISL_491085|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Austria/CeMM0972/2020|2020-04-01|EPI_ISL_583818|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/TX-HMH-5959/2020|2020-06-30|EPI_ISL_547123|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NM-DOH-2020617070/2020|2020-12-12|EPI_ISL_751840|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Luxembourg/LNS5897398/2020|2020-10-22|EPI_ISL_744316|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-8754/2020|2020-09-00|EPI_ISL_686350|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9F5DD1/2020|2020-09-27|EPI_ISL_588360|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/CHRF-0088/2020|2020-09-26|EPI_ISL_700347|Original|hCoV-19^^Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/Canada/BC_25384316/2020|2020-03-00|EPI_ISL_463222|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/WA-S372/2020|2020-03-26|EPI_ISL_434132|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/MN-MDH-117/2020|2020-03-20|EPI_ISL_427273|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-534/2020|2020-04-06|EPI_ISL_544696|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-10EDCE/2020|2020-03-28|EPI_ISL_432925|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/AZ-TG381052/2020|2020-06-15|EPI_ISL_694648|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Belgium/regal-0915946/2020|2020-09-15|EPI_ISL_734937|Original|hCoV-19^^Steenokkerzeel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MI-QDX-628/2020|2020-03-19|EPI_ISL_571355|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-9420/2020|2020-11-09|EPI_ISL_668962|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C93938/2020|2020-12-19|EPI_ISL_777290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E067/2020|2020-06-17|EPI_ISL_555486|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20887/2020|2020-12-21|EPI_ISL_759430|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BE-ChVir-D2033-5902/2020|2020-10-06|EPI_ISL_753911|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/PG-3704/2020|2020-04-00|EPI_ISL_691957|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/GJ-GBRC291/2020|2020-06-15|EPI_ISL_495029|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-13207/2020|2020-08-26|EPI_ISL_788358|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSWID930/2020|2020-03-26|EPI_ISL_421636|Original|hCoV-19^^New South Wales|Human|Pathology North|Public Health Virology Laboratory|Warrilow|Australia

>Spike|hCoV-19/Wales/PHWC-48994C/2020|2020-10-26|EPI_ISL_652428|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0351/2020|2020-05-15|EPI_ISL_698526|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/NY-Wadsworth-250055-01/2020|2020-10-20|EPI_ISL_734380|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/SHEF-D0B26/2020|2020-05-13|EPI_ISL_493731|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003618/2020|2020-03-17|EPI_ISL_538633|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Russia/KHM-RII-MH9266S/2020|2020-10-10|EPI_ISL_733424|Original|hCoV-19^^Khanty-Mansi|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-5639/2020|2020-06-23|EPI_ISL_544924|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0460/2020|2020-04-05|EPI_ISL_569525|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Chile/RM-ISPCH-24/2020|2020-03-14|EPI_ISL_445303|Original|hCoV-19^^Region Metropolitana de Santiago|Human|CTRO.DE SALUD FAMILIAR DR. RAUL YAZIGI|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Norway/6054/2020|2020-11-27|EPI_ISL_775462|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/TX-HMH-MCoV-11707/2020|2020-09-08|EPI_ISL_790090|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW1324/2020|2020-12-19|EPI_ISL_767890|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-0268/2020|2020-03-00|EPI_ISL_479951|Original|hCoV-19^^Kansai|Human|Osaka Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-72009/2020|2020-03-28|EPI_ISL_439911|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2887/2020|2020-08-24|EPI_ISL_616582|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-35B4D/2020|2020-04-27|EPI_ISL_474531|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7599/2020|2020-11-00|EPI_ISL_740744|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Wales/PHWC-16343B/2020|2020-05-06|EPI_ISL_473295|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4B73/2020|2020-11-11|EPI_ISL_705449|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-S314/2020|2020-04-03|EPI_ISL_434074|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-B8384E/2020|2020-11-14|EPI_ISL_675350|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0085/2020|2020-04-01|EPI_ISL_437279|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Germany/NW-UBI-48/2020|2020-03-12|EPI_ISL_631301|Original|hCoV-19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/USA/ME-HETL-J0447/2020|2020-12-17|EPI_ISL_755545|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Wales/PHWC-1657F4/2020|2020-06-07|EPI_ISL_490727|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR2450/2020|2020-04-14|EPI_ISL_438910|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LOND-124D451/2020|2020-04-28|EPI_ISL_507098|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14692/2020|2020-10-01|EPI_ISL_787977|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-9CF68A/2020|2020-09-17|EPI_ISL_601960|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1795/2020|2020-07-13|EPI_ISL_618205|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3CD71/2020|2020-12-10|EPI_ISL_731861|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F6162/2020|2020-11-10|EPI_ISL_741745|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1246/2020|2020-07-29|EPI_ISL_640076|Original|hCoV-19^^Western Cape|Human|Knysna Hospital wcn KNY|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/IL-NM-0436/2020|2020-04-11|EPI_ISL_626407|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/QEUA-B40713/2020|2020-11-08|EPI_ISL_657195|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200426/2020|2020-04-24|EPI_ISL_578586|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/NY-Wadsworth-126337-01/2020|2020-06-01|EPI_ISL_676959|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-1158/2020|2020-03-16|EPI_ISL_614660|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9B8BFE/2020|2020-09-07|EPI_ISL_549551|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20158/2020|2020-11-17|EPI_ISL_723325|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-4804BD/2020|2020-10-22|EPI_ISL_612892|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200527/2020|2020-05-27|EPI_ISL_578666|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Denmark/DCGC-18456/2020|2020-12-07|EPI_ISL_749331|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL216/2020|2020-08-15|EPI_ISL_574350|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMB-81456/2020|2020-04-10|EPI_ISL_442549|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-6957S/2020|2020-07-17|EPI_ISL_569824|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Switzerland/SZ-ETHZ-230044/2020|2020-08-03|EPI_ISL_516583|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/BC_23279341/2020|2020-04-00|EPI_ISL_477037|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Brazil/RJ-00309/2020|2020-04-20|EPI_ISL_623112|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Germany/NW-HHU-162/2020|2020-03-14|EPI_ISL_602531|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/204760136/2020|2020-11-18|EPI_ISL_678734|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9419524/2020|2020-11-10|EPI_ISL_744909|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/South Korea/KDCA0012/2020|2020-09-04|EPI_ISL_747253|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/WI-UW-1373/2020|2020-09-06|EPI_ISL_536744|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-200035/2020|2020-07-15|EPI_ISL_510723|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-QDX-611/2020|2020-03-18|EPI_ISL_571340|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-944465/2020|2020-06-07|EPI_ISL_554772|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F75E/2020|2020-10-08|EPI_ISL_612720|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-99D12A/2020|2020-08-30|EPI_ISL_549903|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12149/2020|2020-09-21|EPI_ISL_790223|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW194/2020|2020-03-22|EPI_ISL_427763|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-4752/2020|2020-09-14|EPI_ISL_622191|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/UGent-151/2020|2020-07-26|EPI_ISL_634877|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/NE-11317/2020|2020-05-04|EPI_ISL_475204|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Australia/VIC14696/2020|2020-08-07|EPI_ISL_592670|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0869/2020|2020-05-19|EPI_ISL_699008|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Germany/BW-MVZ-LS-29/2020|2020-04-14|EPI_ISL_640247|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/England/MILK-ABBF76/2020|2020-10-20|EPI_ISL_631130|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-AA2FEB/2020|2020-10-22|EPI_ISL_634778|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488646/2020|2020-10-28|EPI_ISL_639417|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-220034/2020|2020-07-28|EPI_ISL_512015|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/ULG-10651/2020|2020-10-26|EPI_ISL_636629|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/EXET-13A084/2020|2020-11-08|EPI_ISL_664674|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13919/2020|2020-08-15|EPI_ISL_787211|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/NC-IBV-001414/2020|2020-03-21|EPI_ISL_452487|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/CVR5933/2020|2020-11-21|EPI_ISL_705678|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F319B/2020|2020-09-24|EPI_ISL_588512|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4593/2020|2020-06-21|EPI_ISL_543740|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-2187/2020|2020-04-00|EPI_ISL_685792|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-9D4CF9/2020|2020-09-19|EPI_ISL_601703|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8338/2020|2020-07-07|EPI_ISL_784341|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A523B1/2020|2020-10-07|EPI_ISL_598206|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0205/2020|2020-03-19|EPI_ISL_525767|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-94AA5E/2020|2020-07-26|EPI_ISL_555843|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7527/2020|2020-11-00|EPI_ISL_740695|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Japan/PG-3482/2020|2020-07-00|EPI_ISL_691592|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S643/2020|2020-04-17|EPI_ISL_438196|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/LIVE-AA79A/2020|2020-03-24|EPI_ISL_517500|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A5040B/2020|2020-10-07|EPI_ISL_597733|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABC8A/2020|2020-04-20|EPI_ISL_470347|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483E61/2020|2020-10-24|EPI_ISL_627938|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-223805-01/2020|2020-09-21|EPI_ISL_765511|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-2760/2020|2020-04-00|EPI_ISL_690892|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC1158/2020|2020-04-09|EPI_ISL_430602|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-ACDA25/2020|2020-10-21|EPI_ISL_630062|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A95C3F/2020|2020-10-20|EPI_ISL_624868|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6406/2020|2020-08-00|EPI_ISL_689512|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B9961E/2020|2020-11-15|EPI_ISL_673292|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/4LS11C5/2020|2020-08-08|EPI_ISL_755995|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-A6EA17/2020|2020-10-15|EPI_ISL_607148|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1264C4D/2020|2020-11-23|EPI_ISL_724550|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII7557S/2020|2020-04-21|EPI_ISL_450260|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-14156/2020|2020-11-30|EPI_ISL_711596|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-158209/2020|2020-08-22|EPI_ISL_746686|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Denmark/DCGC-20700/2020|2020-12-21|EPI_ISL_759311|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-PV08468/2020|2020-03-18|EPI_ISL_421412|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/MILK-9932A9/2020|2020-08-27|EPI_ISL_552106|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48919F/2020|2020-11-02|EPI_ISL_639544|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2743/2020|2020-07-05|EPI_ISL_521578|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/OV-RIVM-20468/2020|2020-11-15|EPI_ISL_728683|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Iceland/335/2020|2020-03-13|EPI_ISL_417664|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/NM-DOH-2020314875/2020|2020-08-26|EPI_ISL_574281|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-21211/2020|2020-12-21|EPI_ISL_759614|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-PROV-223/2020|2020-03-27|EPI_ISL_482458|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/USA/MI-UM-10036823317/2020|2020-11-06|EPI_ISL_728386|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Luxembourg/LNS3342997/2020|2020-12-29|EPI_ISL_771149|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B8490E/2020|2020-11-14|EPI_ISL_675823|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-111997/2020|2020-05-31|EPI_ISL_461946|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM43812599/2020|2020-12-04|EPI_ISL_753621|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/SAP392/2020|2020-03-20|EPI_ISL_492157|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Wales/PHWC-4A3241/2020|2020-12-14|EPI_ISL_744074|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9A8B2E/2020|2020-08-31|EPI_ISL_550111|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA68BD/2020|2020-12-16|EPI_ISL_761446|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A50D79/2020|2020-10-07|EPI_ISL_597595|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD36DD/2020|2020-10-26|EPI_ISL_634135|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001331/2020|2020-07-19|EPI_ISL_515816|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/BRIS-12FB72/2020|2020-04-04|EPI_ISL_488288|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A527F1/2020|2020-10-07|EPI_ISL_598213|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-CDC-2-3693553/2020|2020-11-03|EPI_ISL_747124|Original|hCoV-19^^Arizona|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH759/2020|2020-04-01|EPI_ISL_513001|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-BAA42F/2020|2020-11-17|EPI_ISL_783148|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-45061/2020|2020-12-08|EPI_ISL_747199|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12125/2020|2020-09-20|EPI_ISL_790209|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-350190/2020|2020-11-04|EPI_ISL_693839|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-DCB68A/2020|2020-11-24|EPI_ISL_724416|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003118/2020|2020-03-16|EPI_ISL_538054|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-1970/2020|2020-09-18|EPI_ISL_677378|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/ME-HETL-J0358/2020|2020-11-24|EPI_ISL_755481|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/ALDP-95474B/2020|2020-06-09|EPI_ISL_555404|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB2785/2020|2020-11-18|EPI_ISL_720102|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9643BD/2020|2020-08-11|EPI_ISL_536861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5795/2020|2020-09-28|EPI_ISL_620982|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_Sik-bip 2/2020|2020-06-30|EPI_ISL_774948|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/MILK-B5A673/2020|2020-11-06|EPI_ISL_658061|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACCC5D/2020|2020-10-22|EPI_ISL_630279|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D2AFA/2020|2020-04-21|EPI_ISL_453773|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-C096B/2020|2020-04-27|EPI_ISL_475342|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/CVR2709/2020|2020-04-18|EPI_ISL_484650|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11703/2020|2020-06-16|EPI_ISL_570460|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A1D83B/2020|2020-10-03|EPI_ISL_595092|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21185/2020|2020-12-21|EPI_ISL_759601|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-10247/2020|2020-06-01|EPI_ISL_570285|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-6367/2020|2020-10-05|EPI_ISL_622337|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3919/2020|2020-07-10|EPI_ISL_520631|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB5164/2020|2020-05-19|EPI_ISL_456982|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A0C310/2020|2020-10-03|EPI_ISL_599341|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2165/2020|2020-03-09|EPI_ISL_506959|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/VA-DCLS-1599/2020|2020-08-14|EPI_ISL_610150|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/DRC/10902/2020|2020-05-23|EPI_ISL_527490|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Australia/VIC9512/2020|2020-08-19|EPI_ISL_565581|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/GSTT-265D76D/2020|2020-03-24|EPI_ISL_484008|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/India/MH-NIV-28815/2020|2020-05-13|EPI_ISL_479529|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-925840/2020|2020-06-23|EPI_ISL_552844|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BCB3/2020|2020-09-14|EPI_ISL_573962|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-96499D/2020|2020-08-13|EPI_ISL_531124|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-CDC-2-3693661/2020|2020-11-05|EPI_ISL_747077|Original|hCoV-19^^Utah|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Wales/PHWC-495910/2020|2020-11-24|EPI_ISL_726414|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204890403/2020|2020-11-28|EPI_ISL_754336|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-BBDCC7/2020|2020-11-20|EPI_ISL_703026|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Iceland/393/2020|2020-03-19|EPI_ISL_424417|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUEH-BCBB23/2020|2020-11-27|EPI_ISL_704287|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/8LS19AD6/2020|2020-10-08|EPI_ISL_755980|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Denmark/DCGC-18248/2020|2020-12-14|EPI_ISL_749842|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-GA37/2020|2020-06-20|EPI_ISL_508231|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/SHEF-CDDAE/2020|2020-09-09|EPI_ISL_540756|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Portugal/PT1617/2020|2020-07-08|EPI_ISL_693538|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/EXET-139E9A/2020|2020-00-00|EPI_ISL_679349|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B24DB9/2020|2020-11-04|EPI_ISL_646744|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3F6FC/2020|2020-11-08|EPI_ISL_658580|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB10180/2020|2020-11-23|EPI_ISL_680493|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/BRIS-12F77E/2020|2020-03-11|EPI_ISL_488434|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1218/2020|2020-03-22|EPI_ISL_639809|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/France/ARA-24023/2020|2020-04-11|EPI_ISL_508931|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|L'H\u00f4pital Nord-Ouest Tarare-Grandris|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Australia/VIC3079/2020|2020-07-10|EPI_ISL_520786|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A961D5/2020|2020-10-19|EPI_ISL_624678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Guinea/CERFIG-1337/2020|2020-06-09|EPI_ISL_788934|Original|hCoV-19^^Conakry|Human|Centre de Recherche et de Formation en Infectiologie Guin\u00e9e|TransVIHMI|Keita|Guinea

>Spike|hCoV-19/England/CAMB-82701/2020|2020-04-14|EPI_ISL_443586|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Mexico/BCN-INDRE-50/2020|2020-06-30|EPI_ISL_516610|Original|hCoV-19^^Baja California|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/England/MILK-9C4A10/2020|2020-09-10|EPI_ISL_573262|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-B83653/2020|2020-11-15|EPI_ISL_675270|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94A4F6/2020|2020-06-11|EPI_ISL_556355|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99009607/2020|2020-10-05|EPI_ISL_654356|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-16222/2020|2020-10-31|EPI_ISL_785906|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9E1172/2020|2020-09-20|EPI_ISL_581078|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1854336/2020|2020-04-28|EPI_ISL_492253|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1267A4/2020|2020-04-08|EPI_ISL_459001|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2244/2020|2020-09-04|EPI_ISL_666866|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B487FD/2020|2020-11-07|EPI_ISL_649470|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-970451/2020|2020-08-17|EPI_ISL_581398|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1366/2020|2020-09-07|EPI_ISL_536737|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/India/GJ-GBRC325/2020|2020-06-18|EPI_ISL_512059|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Denmark/DCGC-21410/2020|2020-12-21|EPI_ISL_758152|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/205120471/2020|2020-12-11|EPI_ISL_766306|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Germany/NI-UMCG-PE-S4/2020|2020-00-00|EPI_ISL_517611|Original|hCoV-19^^Lower Saxony|Human|Institute of Medical Microbiology|Institute of Human Genetics|Zibat|Germany

>Spike|hCoV-19/Wales/PHWC-160DF7/2020|2020-05-26|EPI_ISL_473055|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-E94D4/2020|2020-04-22|EPI_ISL_453599|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2265/2020|2020-05-11|EPI_ISL_510603|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Wales/PHWC-2A61D/2020|2020-04-06|EPI_ISL_445595|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-0720809/2020|2020-07-20|EPI_ISL_734802|Original|hCoV-19^^Herzele|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-A3E579/2020|2020-10-06|EPI_ISL_609563|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_357/2020|2020-04-07|EPI_ISL_455161|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-QDX-2735/2020|2020-03-15|EPI_ISL_605055|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-DSHS-1758/2020|2020-06-21|EPI_ISL_710383|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC9739/2020|2020-08-05|EPI_ISL_565685|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-11072/2020|2020-11-02|EPI_ISL_669759|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-639/2020|2020-09-13|EPI_ISL_700272|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Netherlands/LI-EMC-150/2020|2020-11-23|EPI_ISL_763118|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-4332/2020|2020-07-00|EPI_ISL_692560|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MGH-00491/2020|2020-03-27|EPI_ISL_460247|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Wales/PHWC-287EF/2020|2020-04-01|EPI_ISL_431940|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18058/2020|2020-11-13|EPI_ISL_784406|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC_7493713/2020|2020-03-12|EPI_ISL_418844|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMC-B9A97E/2020|2020-11-15|EPI_ISL_673486|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG405413/2020|2020-06-22|EPI_ISL_694872|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-15866/2020|2020-11-23|EPI_ISL_714072|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NH-RIVM-20766/2020|2020-12-23|EPI_ISL_790909|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-CHLA-PLM94026245/2020|2020-11-09|EPI_ISL_753293|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Netherlands/UT-EMC-133/2020|2020-10-14|EPI_ISL_632727|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MASPHL-00740/2020|2020-09-24|EPI_ISL_692932|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/MI-QDX-690/2020|2020-03-17|EPI_ISL_571438|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC10060/2020|2020-08-21|EPI_ISL_562779|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2678/2020|2020-06-22|EPI_ISL_497310|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/VA-DCLS-1253/2020|2020-08-06|EPI_ISL_529944|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/MA-MASPHL-00130/2020|2020-04-03|EPI_ISL_791607|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/France/PAC-MEPHI-2147/2020|2020-09-24|EPI_ISL_644511|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Spain/AN-IBV-001088/2020|2020-03-26|EPI_ISL_452598|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48D016/2020|2020-11-04|EPI_ISL_666567|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS-CPH-isl-461/2020|2020-04-29|EPI_ISL_605902|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/Congo/UKT-015/2020|2020-06-25|EPI_ISL_581493|Original|hCoV-19^^Brazzaville|Human|Fondation Congolaise pour la recherche medicale (FCRM)|NGS Competence Center T\u00fcbingen|Angelov|Republic of Congo

>Spike|hCoV-19/Netherlands/NH-RIVM-20006/2020|2020-11-21|EPI_ISL_723205|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Morocco/FMP-52/2020|2020-12-00|EPI_ISL_775249|Original|hCoV-19^^Rabat|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahgiri|Morocco

>Spike|hCoV-19/England/CAMC-CB8E5C/2020|2020-12-18|EPI_ISL_778126|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2811E/2020|2020-03-26|EPI_ISL_432147|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0357/2020|2020-03-29|EPI_ISL_434950|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM59996756/2020|2020-11-28|EPI_ISL_753530|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Luxembourg/LNS5755279/2020|2020-11-29|EPI_ISL_770915|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/204590623/2020|2020-11-06|EPI_ISL_700631|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Singapore/1385/2020|2020-07-21|EPI_ISL_648739|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/QEUEH-9F3465/2020|2020-09-24|EPI_ISL_588616|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20136008004/2020|2020-03-26|EPI_ISL_423211|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-CDC-6238/2020|2020-03-26|EPI_ISL_576187|Original|hCoV-19^^Wisconsin|Human|WI State Laboratory of Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC6527/2020|2020-07-24|EPI_ISL_521297|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B2CECD/2020|2020-11-04|EPI_ISL_660064|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC130/2020|2020-05-02|EPI_ISL_455027|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMC-B37F71/2020|2020-11-05|EPI_ISL_659091|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16229/2020|2020-10-30|EPI_ISL_785913|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14665/2020|2020-11-23|EPI_ISL_711199|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201130046/2020|2020-04-04|EPI_ISL_623174|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-48B77D/2020|2020-11-05|EPI_ISL_666279|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/CE-ISCIIII-2016517/2020|2020-10-14|EPI_ISL_691696|Original|hCoV-19^^Ceuta|Human|Hospital Universitario de Ceuta|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/QEUEH-A9F4B5/2020|2020-10-20|EPI_ISL_611313|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-259A194/2020|2020-05-14|EPI_ISL_488873|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52356/2020|2020-11-08|EPI_ISL_656818|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE3133/2020|2020-10-27|EPI_ISL_633580|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A0C653/2020|2020-09-30|EPI_ISL_584997|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/NSW876/2020|2020-07-20|EPI_ISL_544957|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Singapore/782/2020|2020-06-18|EPI_ISL_509392|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-13956/2020|2020-08-15|EPI_ISL_787248|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-330423/2020|2020-10-18|EPI_ISL_614909|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1123/2020|2020-06-11|EPI_ISL_677983|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Scotland/EDB6213/2020|2020-05-19|EPI_ISL_473917|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B095D0/2020|2020-10-29|EPI_ISL_673078|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49ABBB/2020|2020-12-03|EPI_ISL_727657|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1137/2020|2020-03-16|EPI_ISL_614606|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AD0A5C/2020|2020-10-26|EPI_ISL_633881|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CDE84/2020|2020-09-16|EPI_ISL_566278|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A4C9/2020|2020-04-02|EPI_ISL_440590|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-9F5C10/2020|2020-09-25|EPI_ISL_588418|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1C525/2020|2020-11-01|EPI_ISL_645658|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4339/2020|2020-07-13|EPI_ISL_519635|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2009081/2020|2020-05-11|EPI_ISL_525088|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-7ED60/2020|2020-04-06|EPI_ISL_442893|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-5009/2020|2020-08-00|EPI_ISL_690121|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-B6642F/2020|2020-11-11|EPI_ISL_661433|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC449/2020|2020-04-20|EPI_ISL_435516|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/CVR4398/2020|2020-09-17|EPI_ISL_585272|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL659/2020|2020-07-11|EPI_ISL_653351|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Iceland/232/2020|2020-03-17|EPI_ISL_417560|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/MILK-BACD31/2020|2020-11-17|EPI_ISL_681569|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA94/2020|2020-04-02|EPI_ISL_512747|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Germany/NW-MPP-22/2020|2020-06-05|EPI_ISL_487411|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00f6tther|Germany

>Spike|hCoV-19/USA/NY-NYUMC104/2020|2020-03-18|EPI_ISL_421716|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Luxembourg/LNS5462232/2020|2020-11-15|EPI_ISL_744236|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-953A70/2020|2020-06-08|EPI_ISL_553809|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02750/2020|2020-09-25|EPI_ISL_765615|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-7021/2020|2020-10-12|EPI_ISL_619868|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-3550/2020|2020-06-10|EPI_ISL_543012|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/TG-CCMB-AA222/2020|2020-08-10|EPI_ISL_539712|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Spain/VC-IBV-98004470/2020|2020-03-24|EPI_ISL_583938|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-10724/2020|2020-07-09|EPI_ISL_789199|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2471/2020|2020-06-28|EPI_ISL_522174|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BC651B/2020|2020-11-20|EPI_ISL_721341|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2770/2020|2020-08-24|EPI_ISL_616604|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00235295/2020|2020-03-24|EPI_ISL_536094|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Gibraltar/204641759/2020|2020-00-00|EPI_ISL_637227|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-95AC64/2020|2020-06-12|EPI_ISL_554948|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI358/2020|2020-03-24|EPI_ISL_429469|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-18549/2020|2020-12-07|EPI_ISL_750036|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5396/2020|2020-08-00|EPI_ISL_690499|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-BCE917/2020|2020-11-26|EPI_ISL_704493|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A208EA/2020|2020-10-01|EPI_ISL_587626|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-321549/2020|2020-10-15|EPI_ISL_603758|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-4347/2020|2020-07-00|EPI_ISL_692575|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-2197/2020|2020-05-27|EPI_ISL_513746|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-6102/2020|2020-10-05|EPI_ISL_620297|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-WSLH-200745/2020|2020-06-29|EPI_ISL_631500|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Australia/VIC4493/2020|2020-07-15|EPI_ISL_518904|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19230/2020|2020-12-07|EPI_ISL_748830|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-A8BDDF/2020|2020-10-15|EPI_ISL_643222|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0733/2020|2020-05-15|EPI_ISL_698181|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-MCoV-14113/2020|2020-10-03|EPI_ISL_787399|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-166FCE/2020|2020-06-13|EPI_ISL_494137|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B97504/2020|2020-11-15|EPI_ISL_675054|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C34474/2020|2020-12-11|EPI_ISL_733969|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0936/2020|2020-04-00|EPI_ISL_684546|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-13125/2020|2020-10-26|EPI_ISL_672410|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-74359/2020|2020-00-00|EPI_ISL_425280|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Israel/CVL-n-6102/2020|2020-03-15|EPI_ISL_474987|Original|hCoV-19^^Yavne|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/WI-UW-33/2020|2020-03-23|EPI_ISL_421291|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-DSHS-1492/2020|2020-06-22|EPI_ISL_683407|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/SHEF-CCEE8/2020|2020-04-18|EPI_ISL_462061|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-952D3C/2020|2020-06-11|EPI_ISL_581404|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-259A47D/2020|2020-06-30|EPI_ISL_529661|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Australia/VIC5102/2020|2020-07-19|EPI_ISL_519905|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B5CF49/2020|2020-11-09|EPI_ISL_655796|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004559/2020|2020-10-21|EPI_ISL_660255|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/India/MH-ACTREC-109/2020|2020-05-24|EPI_ISL_699765|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/CAMC-B09F3C/2020|2020-10-30|EPI_ISL_673114|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-100118/2020|2020-03-16|EPI_ISL_451702|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-9E4555/2020|2020-09-23|EPI_ISL_600985|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9877A9/2020|2020-08-08|EPI_ISL_529581|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-260179/2020|2020-08-27|EPI_ISL_539470|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/New Zealand/20VR3138/2020|2020-03-20|EPI_ISL_579430|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/MI-MDHHS-SC21102/2020|2020-03-27|EPI_ISL_507878|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-10C6285/2020|2020-12-07|EPI_ISL_741940|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-BB555B/2020|2020-11-21|EPI_ISL_703106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-002908/2020|2020-03-18|EPI_ISL_474869|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-A89C01/2020|2020-10-16|EPI_ISL_638175|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH167/2020|2020-04-06|EPI_ISL_678135|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/WI-UW-2149/2020|2020-10-14|EPI_ISL_677553|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-S946/2020|2020-04-27|EPI_ISL_463436|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC15457/2020|2020-08-01|EPI_ISL_593312|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1097/2020|2020-06-03|EPI_ISL_470777|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/PORT-2D5530/2020|2020-12-20|EPI_ISL_765121|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-A84F94/2020|2020-10-18|EPI_ISL_610575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20119049904/2020|2020-03-14|EPI_ISL_465073|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B20BFF/2020|2020-11-02|EPI_ISL_647665|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-277/2020|2020-03-16|EPI_ISL_436372|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/ALDP-9501D8/2020|2020-06-15|EPI_ISL_555292|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S840/2020|2020-04-00|EPI_ISL_591243|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Denmark/ALAB-SSI411/2020|2020-03-10|EPI_ISL_429505|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/SHEF-D085C/2020|2020-05-10|EPI_ISL_475487|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10081/2020|2020-07-06|EPI_ISL_789315|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-BD20DF/2020|2020-11-27|EPI_ISL_702107|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-00689/2020|2020-11-27|EPI_ISL_770625|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/NY-Wadsworth-290757-01/2020|2020-12-20|EPI_ISL_767575|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Belgium/ULG-7500/2020|2020-03-16|EPI_ISL_418632|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-B222F8/2020|2020-11-01|EPI_ISL_645886|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26544551/2020|2020-04-18|EPI_ISL_485129|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/MILK-9A95F2/2020|2020-09-01|EPI_ISL_551163|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957441/2020|2020-06-13|EPI_ISL_553965|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2307/2020|2020-03-12|EPI_ISL_776438|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WA-S1842/2020|2020-05-27|EPI_ISL_496268|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9FD9B7/2020|2020-10-02|EPI_ISL_587845|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8BB2/2020|2020-04-13|EPI_ISL_448286|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH354/2020|2020-04-23|EPI_ISL_513134|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/CA-ALSR-1970/2020|2020-06-26|EPI_ISL_512268|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-NYUMC891/2020|2020-05-10|EPI_ISL_467384|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/EDB971/2020|2020-04-06|EPI_ISL_432892|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-6456/2020|2020-08-00|EPI_ISL_689561|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/AG-ETHZ-140086/2020|2020-04-20|EPI_ISL_476129|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LOND-D6874/2020|2020-04-21|EPI_ISL_482193|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-609/2020|2020-06-24|EPI_ISL_484984|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB78B/2020|2020-03-28|EPI_ISL_448977|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/WA-S1647/2020|2020-05-27|EPI_ISL_496073|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-B481B3/2020|2020-11-07|EPI_ISL_649344|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEAB4D/2020|2020-10-26|EPI_ISL_633141|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5D271C/2020|2020-06-19|EPI_ISL_558503|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15084/2020|2020-10-18|EPI_ISL_786568|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-31A62/2020|2020-04-11|EPI_ISL_474325|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Vietnam/VNHN_3629/2020|2020-03-30|EPI_ISL_455706|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/England/CAMB-7F646/2020|2020-04-09|EPI_ISL_470389|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TN-NCDC-02309/2020|2020-03-29|EPI_ISL_435084|Original|hCoV-19^^Tamil Nadu|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Portugal/PT1133/2020|2020-03-27|EPI_ISL_511680|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-11655/2020|2020-10-26|EPI_ISL_671050|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7458/2020|2020-07-00|EPI_ISL_688560|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A4C9D/2020|2020-12-09|EPI_ISL_763422|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02329/2020|2020-09-00|EPI_ISL_671555|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-14284/2020|2020-10-03|EPI_ISL_787569|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/NGR-RII-MH6306S/2020|2020-11-12|EPI_ISL_733376|Original|hCoV-19^^Novgorod|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14846/2020|2020-10-13|EPI_ISL_786330|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA1CD6/2020|2020-10-22|EPI_ISL_624449|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-97015A/2020|2020-08-17|EPI_ISL_540288|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20040/2020|2020-12-07|EPI_ISL_747946|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-2455/2020|2020-05-21|EPI_ISL_513863|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-S1424/2020|2020-05-19|EPI_ISL_495874|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-D0B730/2020|2020-12-21|EPI_ISL_781191|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-363/2020|2020-06-18|EPI_ISL_524715|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-9937F5/2020|2020-08-27|EPI_ISL_552026|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9594129/2020|2020-10-28|EPI_ISL_744945|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-C78289/2020|2020-12-15|EPI_ISL_756958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1857/2020|2020-10-08|EPI_ISL_602992|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/New Zealand/20CV0139/2020|2020-08-20|EPI_ISL_548019|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/EKHU-260F1D5/2020|2020-05-17|EPI_ISL_501622|Original|hCoV-19^^England|Human|Lab Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-961110/2020|2020-08-04|EPI_ISL_531946|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5135/2020|2020-10-17|EPI_ISL_730375|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/France/ARA-SC024/2020|2020-03-21|EPI_ISL_629090|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-B8D370/2020|2020-11-13|EPI_ISL_673905|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CCC9FA/2020|2020-12-23|EPI_ISL_782272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-312/2020|2020-05-23|EPI_ISL_523654|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-8713/2020|2020-08-00|EPI_ISL_686309|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A23FD3/2020|2020-10-04|EPI_ISL_651099|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-2248/2020|2020-04-00|EPI_ISL_685853|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Poland/79327/2020|2020-11-00|EPI_ISL_732893|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/USA/CA-ALSR-4708/2020|2020-10-09|EPI_ISL_730095|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-89EBA4/2020|2020-07-25|EPI_ISL_532816|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13E994/2020|2020-12-13|EPI_ISL_764135|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000940/2020|2020-03-26|EPI_ISL_484765|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0160/2020|2020-05-15|EPI_ISL_515422|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/South Korea/KDCA0338/2020|2020-07-11|EPI_ISL_760124|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/QEUA-BA3435/2020|2020-11-18|EPI_ISL_672904|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20952/2020|2020-12-21|EPI_ISL_759469|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR5004/2020|2020-10-10|EPI_ISL_594743|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC2874/2020|2020-07-03|EPI_ISL_521705|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR3313/2020|2020-05-04|EPI_ISL_493867|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009170012/2020|2020-09-16|EPI_ISL_710252|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/CAMC-B51C4D/2020|2020-11-09|EPI_ISL_657833|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1744/2020|2020-10-02|EPI_ISL_613862|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B631EF/2020|2020-11-08|EPI_ISL_656460|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0283/2020|2020-03-26|EPI_ISL_579073|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-9E8ABC/2020|2020-09-24|EPI_ISL_638280|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/PORT-2D59CB/2020|2020-12-18|EPI_ISL_765134|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-654007/2020|2020-07-04|EPI_ISL_558155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8197/2020|2020-10-26|EPI_ISL_617279|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B435F8/2020|2020-11-08|EPI_ISL_657239|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-122D88/2020|2020-04-02|EPI_ISL_440806|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/OXON-AF452/2020|2020-04-13|EPI_ISL_478740|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D5D8/2020|2020-12-11|EPI_ISL_742805|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A5155/2020|2020-03-07|EPI_ISL_500109|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C95A1/2020|2020-09-10|EPI_ISL_567497|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA5DE/2020|2020-11-22|EPI_ISL_702565|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DE266/2020|2020-09-21|EPI_ISL_599603|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49388E/2020|2020-11-29|EPI_ISL_725951|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-120/2020|2020-03-13|EPI_ISL_436215|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/ALDP-A67683/2020|2020-10-12|EPI_ISL_630588|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4235/2020|2020-07-15|EPI_ISL_519563|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-08282/2020|2020-05-19|EPI_ISL_524082|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-842A4/2020|2020-04-16|EPI_ISL_443476|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/ID-UW-6470/2020|2020-04-02|EPI_ISL_570122|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/UT-UPHL-2009375/2020|2020-05-17|EPI_ISL_524968|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM90547620/2020|2020-11-30|EPI_ISL_753468|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Ireland/KE-NVRL-71IRL94983/2020|2020-07-30|EPI_ISL_525363|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Japan/PG-4397/2020|2020-07-00|EPI_ISL_692623|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-169365/2020|2020-06-13|EPI_ISL_499434|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200230/2020|2020-08-11|EPI_ISL_752789|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-C7BA33/2020|2020-12-15|EPI_ISL_756798|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B132CD/2020|2020-11-03|EPI_ISL_649580|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12DA2C/2020|2020-05-07|EPI_ISL_481908|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2846/2020|2020-07-04|EPI_ISL_521677|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-991618/2020|2020-08-26|EPI_ISL_551953|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5930/2020|2020-08-00|EPI_ISL_689045|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-F3E15/2020|2020-00-00|EPI_ISL_627665|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUH-9B55F3/2020|2020-09-02|EPI_ISL_590325|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3073/2020|2020-04-00|EPI_ISL_691196|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-EVTL1059/2020|2020-11-27|EPI_ISL_768329|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FF505/2020|2020-04-25|EPI_ISL_469870|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001104/2020|2020-03-29|EPI_ISL_452586|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1B0E6E/2020|2020-05-12|EPI_ISL_452969|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4940/2020|2020-09-21|EPI_ISL_621478|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A412F4/2020|2020-10-07|EPI_ISL_609325|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A4716A/2020|2020-10-06|EPI_ISL_598254|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6814/2020|2020-05-00|EPI_ISL_687923|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16127/2020|2020-11-16|EPI_ISL_714262|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49F15A/2020|2020-12-02|EPI_ISL_743172|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-133/2020|2020-03-08|EPI_ISL_437642|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-11359/2020|2020-09-05|EPI_ISL_789996|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Guangzhou/GZMU0042/2020|2020-02-25|EPI_ISL_414688|Original|hCoV-19^^Guangdong|Human|State Key Laboratory of Respiratory Disease|The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen|Ji|China

>Spike|hCoV-19/England/ALDP-954BA9/2020|2020-06-13|EPI_ISL_553503|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204961122/2020|2020-12-03|EPI_ISL_700687|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/France/PDL-SC616/2020|2020-03-30|EPI_ISL_663262|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Canada/ON-UHTC_0055/2020|2020-04-02|EPI_ISL_464046|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Czech Republic/NRL-7322-3/2020|2020-06-21|EPI_ISL_584076|Original|hCoV-19^^Northern Bohemia Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Japan/PG-1263/2020|2020-00-00|EPI_ISL_684873|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/IDF-10029DT/2020|2020-03-00|EPI_ISL_447669|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/USA/CA-CZB-1423/2020|2020-03-20|EPI_ISL_468395|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Spain/RI-IBV-98002304/2020|2020-03-09|EPI_ISL_537827|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Croatia/361_Pula/2020|2020-03-09|EPI_ISL_454595|Original|hCoV-19^^Pula|Human|University Hospital for Infectious Diseases \Dr. Fran Mihaljevi\u0107\|University of Zagreb|Ivancic Jelecki|Croatia

>Spike|hCoV-19/England/QEUEH-99880C/2020|2020-08-24|EPI_ISL_539945|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A84F1C/2020|2020-10-18|EPI_ISL_610541|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9445CC/2020|2020-06-07|EPI_ISL_554810|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12F9E1/2020|2020-04-03|EPI_ISL_488192|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AA5F1/2020|2020-08-31|EPI_ISL_550801|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B21CEC/2020|2020-11-01|EPI_ISL_647354|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200083/2020|2020-04-13|EPI_ISL_471247|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Norway/1526/2020|2020-03-02|EPI_ISL_417485|Original|hCoV-19^^Oslo|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/Finland/13LS12AH5/2020|2020-10-13|EPI_ISL_737215|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUA-9B9C45/2020|2020-09-07|EPI_ISL_549581|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-104-1/2020|2020-04-24|EPI_ISL_530031|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Scotland/CVR5746/2020|2020-11-08|EPI_ISL_651952|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC7553/2020|2020-07-24|EPI_ISL_564494|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B46CA5/2020|2020-11-06|EPI_ISL_656219|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2969/2020|2020-07-07|EPI_ISL_521799|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A2E952/2020|2020-10-05|EPI_ISL_587060|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH025/2020|2020-05-19|EPI_ISL_515917|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Portugal/PT0006b/2020|2020-03-08|EPI_ISL_417991|Original|hCoV-19^^Portugal|Human|CHULC - H Curry Cabral|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-A65412/2020|2020-10-11|EPI_ISL_608689|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB594/2020|2020-04-01|EPI_ISL_433210|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-9B803B/2020|2020-09-04|EPI_ISL_590635|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10578/2020|2020-11-02|EPI_ISL_670065|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9C0FA/2020|2020-03-31|EPI_ISL_449510|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-476/2020|2020-08-11|EPI_ISL_700124|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-11561/2020|2020-09-12|EPI_ISL_790055|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0319/2020|2020-03-27|EPI_ISL_479994|Original|hCoV-19^^Kyusyu|Human|Kumamoto City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-000512/2020|2020-03-23|EPI_ISL_631973|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/CVR96/2020|2020-03-14|EPI_ISL_425816|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F998315/2020|2020-09-01|EPI_ISL_708403|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Denmark/DCGC-2913/2020|2020-08-17|EPI_ISL_616547|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B20A2F/2020|2020-11-02|EPI_ISL_647717|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1096019/2020|2020-10-30|EPI_ISL_739886|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MA-JLL-147N/2020|2020-00-00|EPI_ISL_632294|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/Denmark/DCGC-13579/2020|2020-11-30|EPI_ISL_712184|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/rega-0506645/2020|2020-05-06|EPI_ISL_734706|Original|hCoV-19^^Linter|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Luxembourg/LNS8911052/2020|2020-09-14|EPI_ISL_744822|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-4299/2020|2020-06-18|EPI_ISL_543509|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2012985745/2020|2020-08-08|EPI_ISL_745471|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-C3D60C/2020|2020-12-10|EPI_ISL_730818|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52A06/2020|2020-11-09|EPI_ISL_657506|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9571/2020|2020-05-08|EPI_ISL_672134|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LIVE-DBD3C0/2020|2020-10-28|EPI_ISL_664138|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2D266/2020|2020-11-04|EPI_ISL_659836|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1B4E/2020|2020-11-18|EPI_ISL_720506|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14820/2020|2020-10-12|EPI_ISL_786304|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9FFDC8/2020|2020-09-30|EPI_ISL_600313|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-11857/2020|2020-04-19|EPI_ISL_479495|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/CA-CZB-14159/2020|2020-10-24|EPI_ISL_738666|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMB-7AA21/2020|2020-04-03|EPI_ISL_441239|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14510/2020|2020-11-30|EPI_ISL_711267|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-103FA5/2020|2020-04-08|EPI_ISL_482049|Original|hCoV-19^^Northern Ireland|Human|Regional Virus

Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-84D94/2020|2020-03-11|EPI_ISL_440460|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Gambia/GC19-2653/2020|2020-07-21|EPI_ISL_561129|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spike|hCoV-19/Switzerland/BS-42227717/2020|2020-04-11|EPI_ISL_581696|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/USA/FL-BPHL-0751/2020|2020-06-23|EPI_ISL_512557|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/USA/WA-S1463/2020|2020-05-21|EPI_ISL_495913|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/USA/WA-S1823/2020|2020-06-03|EPI_ISL_496249|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/USA/LA-GBCL-26544521/2020|2020-04-20|EPI_ISL_485108|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA
>Spike|hCoV-19/England/CAMB-793AF/2020|2020-04-02|EPI_ISL_441833|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Netherlands/Gelderland_155/2020|2020-05-22|EPI_ISL_460915|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/QEUEH-9CA4FE/2020|2020-09-13|EPI_ISL_567389|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9C6F6A/2020|2020-09-08|EPI_ISL_573269|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/MILK-A45B5F/2020|2020-10-06|EPI_ISL_598744|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2009227/2020|2020-05-14|EPI_ISL_525225|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-8278/2020|2020-07-07|EPI_ISL_784306|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-1523/2020|2020-04-00|EPI_ISL_685130|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/South Africa/R10836/2020|2020-06-18|EPI_ISL_490309|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/England/QEUEH-9B7C47/2020|2020-09-04|EPI_ISL_590486|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/France/ARA-SC321/2020|2020-03-23|EPI_ISL_660327|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spike|hCoV-19/England/CAMB-72160/2020|2020-03-28|EPI_ISL_439887|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-5CDC9D/2020|2020-06-19|EPI_ISL_558464|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-190057/2020|2020-07-09|EPI_ISL_500918|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS2011060/2020|2020-11-12|EPI_ISL_740037|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Norway/5239/2020|2020-11-01|EPI_ISL_708055|Original|hCoV-19^^Agder|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Switzerland/BE-ETHZ-330517/2020|2020-10-19|EPI_ISL_614917|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-121729/2020|2020-12-20|EPI_ISL_741651|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98008395/2020|2020-10-17|EPI_ISL_654587|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/India/WB-IICB-005/2020|2020-08-12|EPI_ISL_569863|Original|hCoV-19^^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India

>Spike|hCoV-19/Finland/1LS23E5/2020|2020-10-01|EPI_ISL_757358|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Luxembourg/LNS1856024/2020|2020-11-01|EPI_ISL_740008|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUH-B7F2ED/2020|2020-11-14|EPI_ISL_710853|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Pakistan/UN-UVAS-Lahore-IV/2020|2020-05-11|EPI_ISL_548945|Original|hCoV-19^^Pakistan|Human|Institute of Microbiology|Institute of Microbiology|Yaqub, T.|Pakistan

>Spike|hCoV-19/England/ALDP-95C655/2020|2020-06-20|EPI_ISL_554887|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98006455/2020|2020-06-27|EPI_ISL_538661|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/VIC425/2020|2020-03-25|EPI_ISL_426725|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/NOTT-113591/2020|2020-09-20|EPI_ISL_549516|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-A7C4FA/2020|2020-10-15|EPI_ISL_607566|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-006-17/2020|2020-09-26|EPI_ISL_732825|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13897/2020|2020-08-16|EPI_ISL_787189|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC69/2020|2020-03-18|EPI_ISL_420585|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-80466/2020|2020-04-09|EPI_ISL_470434|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20815/2020|2020-12-01|EPI_ISL_729714|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/MD-HP00058/2020|2020-03-19|EPI_ISL_457800|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Germany/HH-hpi-p2409/2020|2020-04-25|EPI_ISL_775696|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Belgium/reg-0916975/2020|2020-09-16|EPI_ISL_734965|Original|hCoV-19^^Steenokkerzeel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_SM-12/2020|2020-07-02|EPI_ISL_774925|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Singapore/1366/2020|2020-06-25|EPI_ISL_648718|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-9442F2/2020|2020-06-07|EPI_ISL_554735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DAAAE/2020|2020-09-21|EPI_ISL_601426|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-323DF/2020|2020-04-08|EPI_ISL_446642|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B3B64/2020|2020-05-26|EPI_ISL_461579|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F965/2020|2020-11-02|EPI_ISL_642033|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_255/2020|2020-03-30|EPI_ISL_422789|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC9131/2020|2020-08-07|EPI_ISL_565402|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B33986/2020|2020-11-05|EPI_ISL_659350|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10F589/2020|2020-04-03|EPI_ISL_433021|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9E80E7/2020|2020-09-24|EPI_ISL_638236|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A160B/2020|2020-12-10|EPI_ISL_743700|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2CFD9B/2020|2020-05-06|EPI_ISL_461996|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-2626/2020|2020-04-00|EPI_ISL_690758|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-QDX-2335/2020|2020-03-17|EPI_ISL_604638|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-2397/2020|2020-08-10|EPI_ISL_617579|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-CAA5EF/2020|2020-12-20|EPI_ISL_760996|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-C331E7/2020|2020-12-11|EPI_ISL_757156|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B13096/2020|2020-11-02|EPI_ISL_642280|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1323/2020|2020-06-08|EPI_ISL_617996|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-22323/2020|2020-04-10|EPI_ISL_660413|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMB-7D5E1/2020|2020-04-07|EPI_ISL_442205|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/KC-RII-MH2749S/2020|2020-09-19|EPI_ISL_602425|Original|hCoV-19^^Karachay-Cherkess|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-A84BFA/2020|2020-10-16|EPI_ISL_610438|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A90C/2020|2020-10-15|EPI_ISL_606434|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9930/2020|2020-11-16|EPI_ISL_680549|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10299/2020|2020-07-25|EPI_ISL_540466|Original|hCoV-19^^Anvers|Human|University of Li\u00e8ge COVID-19 testing center|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Gibraltar/204421228/2020|2020-10-27|EPI_ISL_613688|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-9C4D9F/2020|2020-09-10|EPI_ISL_567852|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH-135/2020|2020-03-11|EPI_ISL_452014|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Scotland/EDB8707/2020|2020-10-23|EPI_ISL_651221|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah13/2020|2020-03-23|EPI_ISL_437466|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-AB7420/2020|2020-10-20|EPI_ISL_623503|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3208/2020|2020-04-01|EPI_ISL_579493|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-DSHS-1639/2020|2020-06-24|EPI_ISL_710057|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-UW302/2020|2020-03-16|EPI_ISL_418870|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Turkey/DEN-PAU03/2020|2020-07-29|EPI_ISL_708184|Original|hCoV-19^^Denizli|Human|Pamukkale University Hospital|Pamukkale University Department of Medical Genetics|Tokgun|Turkey

>Spike|hCoV-19/USA/WA-UW-31224/2020|2020-10-12|EPI_ISL_735465|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/NMDOH-2020189541/2020|2020-07-07|EPI_ISL_542032|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/NORT-29C85A/2020|2020-04-23|EPI_ISL_488056|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-176/2020|2020-03-26|EPI_ISL_602498|Orginal|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/MN-MDH-1619/2020|2020-04-20|EPI_ISL_530215|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MI-QDX-366/2020|2020-03-23|EPI_ISL_571109|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-AD25A4/2020|2020-10-24|EPI_ISL_629790|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42219995/2020|2020-04-04|EPI_ISL_581848|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-A6F269/2020|2020-10-15|EPI_ISL_607130|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1370/2020|2020-04-01|EPI_ISL_626513|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Wales/PHWC-48CEE0/2020|2020-11-06|EPI_ISL_666553|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FF4F0/2020|2020-09-29|EPI_ISL_600391|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15199/2020|2020-10-21|EPI_ISL_786683|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-EVTL904/2020|2020-07-09|EPI_ISL_653595|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-49105B/2020|2020-10-14|EPI_ISL_706603|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2937/2020|2020-08-24|EPI_ISL_616698|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48D386/2020|2020-10-06|EPI_ISL_680614|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13152/2020|2020-11-30|EPI_ISL_712618|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002870/2020|2020-09-04|EPI_ISL_602683|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/NoordBrabant_99/2020|2020-03-19|EPI_ISL_422893|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A707C0/2020|2020-10-15|EPI_ISL_608248|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S208/2020|2020-03-25|EPI_ISL_755816|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Spain/GA-IBV-004035/2020|2020-03-10|EPI_ISL_510274|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-CB7831/2020|2020-12-18|EPI_ISL_777860|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4634/2020|2020-07-00|EPI_ISL_689771|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B5CB09/2020|2020-11-08|EPI_ISL_655673|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19721/2020|2020-11-29|EPI_ISL_784071|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20139037504/2020|2020-03-27|EPI_ISL_420670|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F84E8/2020|2020-09-27|EPI_ISL_600860|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4874/2020|2020-07-13|EPI_ISL_519257|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-4976/2020|2020-09-21|EPI_ISL_621514|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-12648B2/2020|2020-11-19|EPI_ISL_705310|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0094/2020|2020-06-17|EPI_ISL_540972|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/USA/TX-HMH-3824/2020|2020-06-13|EPI_ISL_543228|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0424/2020|2020-04-02|EPI_ISL_569499|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-B54D38/2020|2020-11-05|EPI_ISL_657722|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0114/2020|2020-03-18|EPI_ISL_437972|Original|hCoV-19^^St. Anton|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Spain/PV-IBV-98008409/2020|2020-10-19|EPI_ISL_654592|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS4661846/2020|2020-11-08|EPI_ISL_740518|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-C58A4B/2020|2020-12-13|EPI_ISL_735971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-73IRL72673/2020|2020-09-14|EPI_ISL_639828|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-3160/2020|2020-08-31|EPI_ISL_615981|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S49/2020|2020-03-04|EPI_ISL_417102|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/CA-CZB-10867/2020|2020-08-04|EPI_ISL_583108|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/SHEF-CD421/2020|2020-04-24|EPI_ISL_490626|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Italy/VEN-IZSve-20RS2160-29/2020|2020-11-26|EPI_ISL_747459|Original|hCoV-19^^Veneto|Human|Ospedale San Bonifacio|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/LIVE-1D20E8/2020|2020-05-12|EPI_ISL_573243|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0AAC2/2020|2020-10-01|EPI_ISL_599432|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0406285/2020|2020-04-06|EPI_ISL_464079|Original|hCoV-19^^Soignies|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-10100/2020|2020-11-09|EPI_ISL_669393|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZuidHolland_162/2020|2020-05-14|EPI_ISL_461334|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/AG-ETHZ-100125/2020|2020-03-16|EPI_ISL_451709|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Jordan/AM-ALSR-5012/2020|2020-10-10|EPI_ISL_730285|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/QEUEH-9FB44F/2020|2020-09-29|EPI_ISL_600561|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A92B/2020|2020-11-01|EPI_ISL_647780|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1021/2020|2020-04-06|EPI_ISL_614481|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-1190/2020|2020-12-20|EPI_ISL_763264|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-9DD09A/2020|2020-09-21|EPI_ISL_599561|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2100/2020|2020-03-25|EPI_ISL_426086|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/DP0544/2020|2020-02-17|EPI_ISL_416608|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/Zeeland_29/2020|2020-04-24|EPI_ISL_461267|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-2029/2020|2020-07-27|EPI_ISL_618257|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3620/2020|2020-08-31|EPI_ISL_616388|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1204/2020|2020-07-22|EPI_ISL_541177|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NOTT-112529/2020|2020-06-26|EPI_ISL_484390|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-95C549/2020|2020-06-17|EPI_ISL_555097|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC110/2020|2020-03-18|EPI_ISL_421722|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Japan/NGY-NNH-021/2020|2020-08-15|EPI_ISL_568576|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/England/QEUEH-B10D1A/2020|2020-11-02|EPI_ISL_642228|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19511/2020|2020-12-07|EPI_ISL_748231|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9B8FC5/2020|2020-09-08|EPI_ISL_549802|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9EEA98/2020|2020-09-24|EPI_ISL_580753|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B63CEE/2020|2020-11-08|EPI_ISL_656670|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A5757A/2020|2020-10-09|EPI_ISL_597403|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3996/2020|2020-08-15|EPI_ISL_540793|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-CB4B4A/2020|2020-12-18|EPI_ISL_761335|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE4CB/2020|2020-04-28|EPI_ISL_459476|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2644/2020|2020-04-17|EPI_ISL_484628|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Russia/PSK-RII-MH6287S/2020|2020-11-12|EPI_ISL_733368|Original|hCoV-19^^Pskov|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Netherlands/NB-EMC-363/2020|2020-11-04|EPI_ISL_722720|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUEH-9E55BE/2020|2020-09-24|EPI_ISL_600933|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB7F68/2020|2020-11-01|EPI_ISL_651234|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/regal-10191265/2020|2020-10-19|EPI_ISL_735175|Original|hCoV-19^^Sint-Pieter-Woluwe|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-16046/2020|2020-11-23|EPI_ISL_714556|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-15282/2020|2020-11-29|EPI_ISL_739146|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-B8C4C9/2020|2020-11-13|EPI_ISL_674303|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94A863/2020|2020-06-12|EPI_ISL_556428|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035956808/2020|2020-09-15|EPI_ISL_583351|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-AB844D/2020|2020-10-21|EPI_ISL_623541|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1026/2020|2020-06-17|EPI_ISL_512896|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/NY-NYCPHL-000693/2020|2020-03-15|EPI_ISL_632109|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-9BE958/2020|2020-09-09|EPI_ISL_568099|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL478/2020|2020-06-23|EPI_ISL_578882|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/BIRM-67B60/2020|2020-11-03|EPI_ISL_651486|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMC-BC048D/2020|2020-11-22|EPI_ISL_704710|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CF02B/2020|2020-10-09|EPI_ISL_611829|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-C23593/2020|2020-12-06|EPI_ISL_783034|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20168002804/2020|2020-04-16|EPI_ISL_466594|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14687/2020|2020-10-12|EPI_ISL_787972|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/LAZ-INMI-56/2020|2020-06-04|EPI_ISL_603163|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/USA/FL-BPHL-0996/2020|2020-07-10|EPI_ISL_517886|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Ireland/D-NVRL-MPJ65056/2020|2020-05-03|EPI_ISL_671344|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/CAMC-CB8F2C/2020|2020-12-18|EPI_ISL_778150|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2843/2020|2020-09-02|EPI_ISL_667348|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Luxembourg/LNS6172039/2020|2020-12-01|EPI_ISL_770898|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/FL-QDX-1707/2020|2020-03-17|EPI_ISL_604022|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-WCMP10D11P/2020|2020-03-15|EPI_ISL_427568|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/Australia/VIC12091/2020|2020-08-11|EPI_ISL_640999|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9F9757/2020|2020-09-25|EPI_ISL_589222|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5031/2020|2020-07-00|EPI_ISL_690142|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/CRIE162398/2020|2020-03-31|EPI_ISL_486821|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Spera>nskaya|Russia

>Spike|hCoV-19/India/MH-NIV-16936/2020|2020-04-28|EPI_ISL_479506|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Japan/PG-6605/2020|2020-08-00|EPI_ISL_687717|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC21424/2020|2020-03-23|EPI_ISL_507678|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-1187/2020|2020-04-24|EPI_ISL_542575|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Poland/77073/2020|2020-11-00|EPI_ISL_732867|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/England/SHEF-10B3045/2020|2020-05-30|EPI_ISL_537245|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B95E8/2020|2020-11-04|EPI_ISL_664941|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AA36/2020|2020-12-03|EPI_ISL_727634|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6425/2020|2020-07-04|EPI_ISL_545988|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1BB689/2020|2020-11-20|EPI_ISL_665017|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR5880/2020|2020-11-17|EPI_ISL_705642|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18029/2020|2020-11-16|EPI_ISL_786177|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20654/2020|2020-04-27|EPI_ISL_462736|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-20245/2020|2020-11-30|EPI_ISL_748068|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-22217/2020|2020-08-01|EPI_ISL_570641|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-0506/2020|2020-04-07|EPI_ISL_480165|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-7423/2020|2020-10-12|EPI_ISL_619352|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16482/2020|2020-11-16|EPI_ISL_714157|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10164/2020|2020-07-07|EPI_ISL_789349|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B46FCA/2020|2020-11-07|EPI_ISL_656191|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1370/2020|2020-09-05|EPI_ISL_536741|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-9CEC4D/2020|2020-09-17|EPI_ISL_590143|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII8317V/2020|2020-04-21|EPI_ISL_507293|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/201120459/2020|2020-03-10|EPI_ISL_464676|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB373/2020|2020-03-30|EPI_ISL_425985|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-9BDA1A/2020|2020-09-09|EPI_ISL_567943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B77BBD/2020|2020-11-12|EPI_ISL_661951|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10F950/2020|2020-04-05|EPI_ISL_433063|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A01375/2020|2020-10-02|EPI_ISL_595804|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DC408/2020|2020-09-22|EPI_ISL_601161|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C1598/2020|2020-04-23|EPI_ISL_495084|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-961/2020|2020-04-07|EPI_ISL_545935|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-492C1A/2020|2020-11-27|EPI_ISL_725765|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14188/2020|2020-10-01|EPI_ISL_787473|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F546C/2020|2020-11-19|EPI_ISL_725260|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Portugal/PT1568/2020|2020-06-28|EPI_ISL_765220|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-8420/2020|2020-08-00|EPI_ISL_687519|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Gibraltar/203260482/2020|2020-08-03|EPI_ISL_547436|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/MN-MDH-1715/2020|2020-08-25|EPI_ISL_560802|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-79E62/2020|2020-04-02|EPI_ISL_440606|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00100/2020|2020-04-03|EPI_ISL_791584|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/ALDP-C3CC92/2020|2020-12-10|EPI_ISL_767237|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0463/2020|2020-12-15|EPI_ISL_755555|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUEH-B664B6/2020|2020-11-11|EPI_ISL_662515|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-69/2020|2020-06-06|EPI_ISL_603176|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/USA/CA-LAC-USC5/2020-05-06|2020-05-06|EPI_ISL_569668|Original|hCoV-19^^California|Human|Lee Lab|Lee Lab|Lee|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22175/2020|2020-10-20|EPI_ISL_614226|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-B1C0E8/2020|2020-11-01|EPI_ISL_645921|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG640903/2020|2020-04-13|EPI_ISL_695810|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-0747/2020|2020-04-00|EPI_ISL_684357|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-329EC/2020|2020-04-14|EPI_ISL_474379|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1773/2020|2020-04-02|EPI_ISL_476790|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-B480E3/2020|2020-11-07|EPI_ISL_649318|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A06747/2020|2020-10-01|EPI_ISL_600026|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9986/2020|2020-03-23|EPI_ISL_517299|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0597/2020|2020-03-24|EPI_ISL_508801|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-1B4143/2020|2020-05-26|EPI_ISL_473460|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/France/ARA-75541/2020|2020-09-20|EPI_ISL_732693|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-9863F1/2020|2020-08-05|EPI_ISL_529575|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/India/UT-AR1/2020|2020-06-01|EPI_ISL_508156|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/QEUEH-B105A9/2020|2020-11-02|EPI_ISL_642432|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B941/2020|2020-04-04|EPI_ISL_441607|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19296/2020|2020-12-07|EPI_ISL_748496|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/PE-IAM215/2020|2020-04-06|EPI_ISL_500471|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Spain/AR-IBV-98010657/2020|2020-11-12|EPI_ISL_722267|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/NSW2940/2020|2020-10-16|EPI_ISL_678372|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/USA/FL-BPHL-1491/2020|2020-08-10|EPI_ISL_568589|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-80FCF/2020|2020-04-14|EPI_ISL_438552|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA1C11/2020|2020-11-18|EPI_ISL_719974|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200292/2020|2020-04-18|EPI_ISL_578478|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/MILK-A7992B/2020|2020-10-14|EPI_ISL_606783|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM30324031/2020|2020-11-30|EPI_ISL_753415|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/MI-QDX-468/2020|2020-03-23|EPI_ISL_571203|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-AE4C40/2020|2020-10-27|EPI_ISL_633240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF5E55/2020|2020-10-30|EPI_ISL_662947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C4C5F/2020|2020-03-23|EPI_ISL_475378|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26EFB/2020|2020-03-30|EPI_ISL_422068|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7D9A9/2020|2020-04-06|EPI_ISL_441754|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9BEC7/2020|2020-09-10|EPI_ISL_567956|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1788/2020|2020-09-16|EPI_ISL_644873|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC3045/2020|2020-07-05|EPI_ISL_520758|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1BA0E6/2020|2020-11-03|EPI_ISL_650993|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-99E0E0/2020|2020-08-31|EPI_ISL_550773|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CF7B/2020|2020-12-10|EPI_ISL_730923|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C7380/2020|2020-05-17|EPI_ISL_568835|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/CA-PC101P/2020|2020-03-11|EPI_ISL_414648|Original|hCoV-19^^California|Human|Andersen Lab|Andersen Lab|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-A45F80/2020|2020-10-06|EPI_ISL_598791|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20148596/2020|2020-11-23|EPI_ISL_770089|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Australia/VIC17705/2020|2020-08-23|EPI_ISL_664003|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BE-ETHZ-250085/2020|2020-08-19|EPI_ISL_535604|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-DC2C18/2020|2020-11-25|EPI_ISL_703818|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/ON-S736/2020|2020-04-09|EPI_ISL_591157|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/WA-S87/2020|2020-03-01|EPI_ISL_417140|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A51E48/2020|2020-10-07|EPI_ISL_598229|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4641/2020|2020-09-26|EPI_ISL_612288|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1906/2020|2020-03-14|EPI_ISL_604284|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-2AE33/2020|2020-04-07|EPI_ISL_432077|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D9DC/2020|2020-12-07|EPI_ISL_742859|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49201E/2020|2020-11-16|EPI_ISL_706808|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16526C/2020|2020-05-28|EPI_ISL_479440|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CA2D6/2020|2020-09-13|EPI_ISL_567504|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-67E09E/2020|2020-07-03|EPI_ISL_551772|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0333/2020|2020-06-13|EPI_ISL_534300|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-11234/2020|2020-11-02|EPI_ISL_670784|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002707/2020|2020-07-30|EPI_ISL_535566|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-95024E/2020|2020-06-15|EPI_ISL_555259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC37AD/2020|2020-11-20|EPI_ISL_702826|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E3EB/2020|2020-10-06|EPI_ISL_586832|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15573/2020|2020-07-30|EPI_ISL_593364|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-3387/2020|2020-08-31|EPI_ISL_616146|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-H12-29/2020|2020-03-12|EPI_ISL_428692|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/ALDP-BBB1BB/2020|2020-11-21|EPI_ISL_701679|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99010760/2020|2020-06-01|EPI_ISL_691662|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-9FD6DE/2020|2020-10-01|EPI_ISL_587781|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50600/2020|2020-04-02|EPI_ISL_475149|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/NY-NYCPHL-001070/2020|2020-10-15|EPI_ISL_633071|Original|hCoV-19^^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MA-MGH-00876/2020|2020-04-14|EPI_ISL_791807|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001157/2020|2020-10-27|EPI_ISL_671738|Original|hCoV-19^^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LIVE-DC2E30/2020|2020-11-25|EPI_ISL_703170|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1568/2020|2020-09-01|EPI_ISL_569201|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-17132/2020|2020-12-14|EPI_ISL_750774|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/Vs-ETHZ-100360/2020|2020-03-19|EPI_ISL_574975|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-CB2C76/2020|2020-12-04|EPI_ISL_760810|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B4180/2020|2020-03-29|EPI_ISL_534935|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13547/2020|2020-08-21|EPI_ISL_788667|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC8085/2020|2020-08-13|EPI_ISL_564839|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BB255E/2020|2020-11-18|EPI_ISL_720107|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/BAS-IZSPB-336PT/2020|2020-10-28|EPI_ISL_722901|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Sweden/20-22122/2020|2020-07-04|EPI_ISL_582791|Original|hCoV-19^^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-1490/2020|2020-04-30|EPI_ISL_542751|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-A9EDCA/2020|2020-10-20|EPI_ISL_625320|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-11460/2020|2020-05-05|EPI_ISL_475214|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/South Africa/LR00014/2020|2020-07-02|EPI_ISL_515144|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Canada/NS-NML-1259/2020|2020-04-06|EPI_ISL_579648|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/LIVE-DB9E87/2020|2020-11-11|EPI_ISL_664539|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-0676/2020|2020-04-00|EPI_ISL_684286|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9D741C/2020|2020-09-20|EPI_ISL_584369|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-9906EC/2020|2020-08-26|EPI_ISL_530393|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/2047364/2020|2020-03-28|EPI_ISL_447393|Original|hCoV-19^^North District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Switzerland/BE-ETHZ-210073/2020|2020-07-22|EPI_ISL_510803|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-0167/2020|2020-04-03|EPI_ISL_480818|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/DRC/16191/2020|2020-06-03|EPI_ISL_591086|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-DSHS-0572/2020|2020-06-18|EPI_ISL_574474|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-B464CB/2020|2020-11-07|EPI_ISL_656308|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11049/2020|2020-08-01|EPI_ISL_563221|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC10389/2020|2020-08-20|EPI_ISL_562897|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-75604/2020|2020-03-16|EPI_ISL_425413|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20928/2020|2020-12-14|EPI_ISL_790955|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/GSTT-5347/2020|2020-03-19|EPI_ISL_560674|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Japan/PG-6669/2020|2020-07-00|EPI_ISL_687780|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B807AE/2020|2020-11-14|EPI_ISL_661828|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1286D60/2020|2020-04-08|EPI_ISL_541752|Original|hCoV-19^^England|Human|Barts Health NHS Trust|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98010619/2020|2020-11-10|EPI_ISL_722258|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Ireland/MN-NVRL-20IRL51408/2020|2020-09-30|EPI_ISL_639906|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Colombia/MAG-GVI-93457/2020|2020-04-01|EPI_ISL_447778|Original|hCoV-19^^Magdalena|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9drez|Colombia

>Spike|hCoV-19/Turkey/KOC-IST-B91/2020|2020-04-08|EPI_ISL_478670|Original|hCoV-19^^Turkey|Human|unknown|Microbiology|Submitter|Turkey

>Spike|hCoV-19/France/PAC-IHU-0179/2020|2020-03-26|EPI_ISL_569352|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Canada/ON-PHL-20-00236/2020|2020-03-00|EPI_ISL_548771|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUEH-C92FCE/2020|2020-12-17|EPI_ISL_762145|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA483/2020|2020-11-23|EPI_ISL_703526|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2006272103/2020|2020-06-25|EPI_ISL_677293|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-499044/2020|2020-12-01|EPI_ISL_727248|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7A326/2020|2020-04-02|EPI_ISL_441060|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-B69E6A/2020|2020-11-11|EPI_ISL_655105|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2010280196/2020|2020-10-26|EPI_ISL_710362|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/CAMC-B33713/2020|2020-11-05|EPI_ISL_659136|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-971599/2020|2020-08-18|EPI_ISL_553117|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20782/2020|2020-11-28|EPI_ISL_729692|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/MI-MDHHS-SC20691/2020|2020-05-20|EPI_ISL_471715|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Japan/PG-4679/2020|2020-08-00|EPI_ISL_689816|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Bosnia and Herzegovina/ChVir7347/2020|2020-03-20|EPI_ISL_462454|Original|hCoV-19^^Gorazde|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina

>Spike|hCoV-19/England/QEUEH-B40528/2020|2020-11-08|EPI_ISL_657112|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0423/2020|2020-07-16|EPI_ISL_756324|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/EXET-1360D3/2020|2020-04-16|EPI_ISL_457197|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000856/2020|2020-03-31|EPI_ISL_484713|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-94415F/2020|2020-06-07|EPI_ISL_554847|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B7578E/2020|2020-11-12|EPI_ISL_740922|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B47D47/2020|2020-11-07|EPI_ISL_710893|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2133/2020|2020-03-20|EPI_ISL_498034|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/MILK-A7B7F2/2020|2020-10-15|EPI_ISL_607343|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/UD-90462/2020|2020-10-04|EPI_ISL_671470|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/ALDP-95D135/2020|2020-06-18|EPI_ISL_553609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NJ-QDX-1209/2020|2020-03-17|EPI_ISL_571970|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-AA1A81/2020|2020-10-22|EPI_ISL_624389|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-2-3713966/2020|2020-09-02|EPI_ISL_751760|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Switzerland/VS-ETHZ-410248/2020|2020-11-27|EPI_ISL_737848|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CO-UW-MAYO33/2020|2020-03-18|EPI_ISL_500508|Original|hCoV-19^^Colorado|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-B231DC/2020|2020-11-03|EPI_ISL_665028|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LIVE-AB9EE/2020|2020-06-16|EPI_ISL_612447|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD4D4/2020|2020-10-01|EPI_ISL_587794|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0550/2020|2020-07-15|EPI_ISL_498089|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MN-MDH-1496/2020|2020-03-21|EPI_ISL_518889|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MD-MDH-0391/2020|2020-10-27|EPI_ISL_660085|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/MILK-6EECA4/2020|2020-06-30|EPI_ISL_557545|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A9B5E3/2020|2020-10-20|EPI_ISL_625388|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74D14/2020|2020-11-12|EPI_ISL_662169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1598/2020|2020-03-29|EPI_ISL_468527|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/CAMC-A58139/2020|2020-10-09|EPI_ISL_597080|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462828/2020|2020-10-29|EPI_ISL_615003|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Denmark/DCGC-2534/2020|2020-08-17|EPI_ISL_617805|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B14271/2020|2020-11-02|EPI_ISL_641849|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH1716S/2020|2020-09-17|EPI_ISL_602353|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-5827/2020|2020-08-00|EPI_ISL_688944|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1318/2020|2020-08-28|EPI_ISL_536690|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-A67850/2020|2020-10-09|EPI_ISL_630682|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE526B/2020|2020-10-26|EPI_ISL_633137|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485B3B/2020|2020-10-25|EPI_ISL_628254|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF4885/2020|2020-10-30|EPI_ISL_663086|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB-190PT/2020|2020-08-28|EPI_ISL_649938|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Denmark/DCGC-1637/2020|2020-04-06|EPI_ISL_619163|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Jordan/AM-ALSR-5169/2020|2020-10-16|EPI_ISL_730408|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Shanghai/SH0058/2020|2020-01-30|EPI_ISL_416365|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/USA/TX-HMH-MCoV-8127/2020|2020-06-30|EPI_ISL_784217|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-8695/2020|2020-08-00|EPI_ISL_686291|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16EB3B/2020|2020-10-02|EPI_ISL_585824|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16247/2020|2020-11-16|EPI_ISL_714663|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ID-UNM-IBL311/2020|2020-03-28|EPI_ISL_632861|Original|hCoV-19^^Idaho|Human|Idaho Bureau of Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/CAMB-7C55B/2020|2020-04-06|EPI_ISL_441570|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC2497/2020|2020-06-30|EPI_ISL_522195|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7818/2020|2020-10-19|EPI_ISL_618787|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-9784/2020|2020-05-18|EPI_ISL_672176|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-164C23/2020|2020-05-23|EPI_ISL_479361|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CD82/2020|2020-06-07|EPI_ISL_574164|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0236/2020|2020-10-06|EPI_ISL_760001|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/MA-MASPHL-00475/2020|2020-05-01|EPI_ISL_693090|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/PG-3643/2020|2020-04-00|EPI_ISL_691896|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20015/2020|2020-12-07|EPI_ISL_747930|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC8061/2020|2020-11-19|EPI_ISL_705176|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/OXON-AD005/2020|2020-04-07|EPI_ISL_448553|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-390324/2020|2020-11-29|EPI_ISL_721917|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-08582/2020|2020-05-26|EPI_ISL_524335|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4908DC/2020|2020-11-14|EPI_ISL_706523|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F71A6/2020|2020-09-27|EPI_ISL_595667|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Norway/4852/2020|2020-10-27|EPI_ISL_635077|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Spain/AR-IBV-98008054/2020|2020-09-30|EPI_ISL_654414|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-3543/2020|2020-06-00|EPI_ISL_691799|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-18911/2020|2020-11-24|EPI_ISL_785216|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hong Kong/VB20024950-2/2020|2020-01-30|EPI_ISL_412029|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|The University of Hong Kong|Chu|China

>Spike|hCoV-19/England/ALDP-526421/2020|2020-06-02|EPI_ISL_558927|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204201049/2020|2020-10-09|EPI_ISL_603201|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/EXET-13A36D/2020|2020-11-04|EPI_ISL_664650|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-95A87F/2020|2020-06-09|EPI_ISL_553390|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-103831/2020|2020-04-15|EPI_ISL_489205|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC7714/2020|2020-11-22|EPI_ISL_721437|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UP-NBRI-N49-TEI217/2020|2020-05-26|EPI_ISL_516977|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/Jordan/AM-ALSR-3944/2020|2020-09-30|EPI_ISL_636308|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/20144016604/2020|2020-03-30|EPI_ISL_421937|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A50DD3/2020|2020-10-07|EPI_ISL_597644|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03570/2020|2020-12-01|EPI_ISL_765889|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUEH-9F35F9/2020|2020-09-24|EPI_ISL_588536|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3CC0C/2020|2020-11-01|EPI_ISL_679821|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Greece/148/2020|2020-03-09|EPI_ISL_434484|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Denmark/DCGC-17644/2020|2020-12-14|EPI_ISL_751119|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5248/2020|2020-06-23|EPI_ISL_544625|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC6479/2020|2020-07-23|EPI_ISL_521257|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19005/2020|2020-12-07|EPI_ISL_748693|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-1626/2020|2020-09-10|EPI_ISL_569235|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Ireland/D-SVUH-R6408/2020|2020-04-03|EPI_ISL_596645|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-94ECFA/2020|2020-06-20|EPI_ISL_556380|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19640/2020|2020-12-07|EPI_ISL_749077|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BW-MVZ-LS-46/2020|2020-04-09|EPI_ISL_640263|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/Wales/PHWC-4A2172/2020|2020-12-14|EPI_ISL_743853|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC13227/2020|2020-08-15|EPI_ISL_563643|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200510/2020|2020-08-13|EPI_ISL_753048|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-350108/2020|2020-11-02|EPI_ISL_693808|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/OH-CDC-2-3714358/2020|2020-11-18|EPI_ISL_751741|Original|hCoV-19^^Ohio|Human|OH Department of Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/LIVE-9A1EA/2020|2020-04-17|EPI_ISL_439859|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B75557/2020|2020-11-12|EPI_ISL_662215|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-6243/2020|2020-06-02|EPI_ISL_729847|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/WA-CDC-8376/2020|2020-03-03|EPI_ISL_594449|original|hCoV-19^^Washington|Human|Washington State Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/CVR2186/2020|2020-04-11|EPI_ISL_493782|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-94F37C/2020|2020-06-20|EPI_ISL_556060|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0235/2020|2020-04-20|EPI_ISL_437569|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC12323/2020|2020-08-11|EPI_ISL_591958|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-13375/2020|2020-05-13|EPI_ISL_672452|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/VC-IBV-98004490/2020|2020-03-24|EPI_ISL_583945|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/NB-232/2020|2020-03-25|EPI_ISL_479645|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/Denmark/DCGC-19986/2020|2020-12-07|EPI_ISL_747911|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10727/2020|2020-09-15|EPI_ISL_641569|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-1664/2020|2020-09-17|EPI_ISL_605538|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-ALSR-4872/2020|2020-11-03|EPI_ISL_730191|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-6926/2020|2020-09-00|EPI_ISL_688032|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-1564/2020|2020-09-10|EPI_ISL_568662|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/OR-OHSU-1437/2020|2020-07-16|EPI_ISL_509201|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/CAMB-1B78F0/2020|2020-10-20|EPI_ISL_638339|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6396/2020|2020-12-16|EPI_ISL_765030|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4460/2020|2020-06-16|EPI_ISL_543637|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C4846E/2020|2020-12-12|EPI_ISL_736634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-C014DA/2020|2020-12-05|EPI_ISL_757257|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-420/2020|2020-11-11|EPI_ISL_718094|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0r Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/South Africa/KRISP-0212/2020|2020-06-11|EPI_ISL_482721|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC6534/2020|2020-07-24|EPI_ISL_521304|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/AG-ETHZ-310404/2020|2020-10-08|EPI_ISL_603478|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-A1EB6E/2020|2020-09-29|EPI_ISL_587506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205180777/2020|2020-12-16|EPI_ISL_766465|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-11BEBE/2020|2020-11-14|EPI_ISL_652390|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4959E3/2020|2020-11-24|EPI_ISL_726425|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-380346/2020|2020-11-21|EPI_ISL_721684|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-1493/2020|2020-05-25|EPI_ISL_617977|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12523B/2020|2020-03-26|EPI_ISL_443852|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/SHEF-D32E2/2020|2020-04-07|EPI_ISL_507178|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2657/2020|2020-12-31|EPI_ISL_791171|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Australia/VIC4768/2020|2020-07-17|EPI_ISL_519156|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Bosnia and Herzegovina/ChVir7354/2020|2020-03-22|EPI_ISL_462460|Original|hCoV-19^^Gorazde|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina

>Spike|hCoV-19/Singapore/1267/2020|2020-05-05|EPI_ISL_648751|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/204961148/2020|2020-12-03|EPI_ISL_700659|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-A01C3/2020|2020-06-03|EPI_ISL_472094|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-C317F/2020|2020-06-14|EPI_ISL_479206|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Israel/ISR_NH_GD1_0714/2020|2020-07-14|EPI_ISL_594159|Original|hCoV-19^^Israel|Human|Israel Institute for Biological Research|Israel Institute for Biological Research|Zaide|Israel

>Spike|hCoV-19/England/LOND-D420F/2020|2020-04-06|EPI_ISL_444102|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LIVE-A9E4B/2020|2020-03-24|EPI_ISL_517369|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-95DA67/2020|2020-06-23|EPI_ISL_556075|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95CD41/2020|2020-06-16|EPI_ISL_554873|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/ACT0038/2020|2020-03-23|EPI_ISL_498505|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/CAMB-75060/2020|2020-03-15|EPI_ISL_440416|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9658/2020|2020-11-09|EPI_ISL_669092|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B5F66/2020|2020-09-15|EPI_ISL_573142|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-380239/2020|2020-11-21|EPI_ISL_721870|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS7339710/2020|2020-10-21|EPI_ISL_744555|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/UT-03041/2020|2020-05-01|EPI_ISL_522312|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-A18EE3/2020|2020-10-01|EPI_ISL_612473|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495707/2020|2020-11-23|EPI_ISL_726386|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14440/2020|2020-10-07|EPI_ISL_787725|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S514/2020|2020-03-29|EPI_ISL_434274|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/MN-MDH-1247/2020|2020-04-21|EPI_ISL_482968|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Luxembourg/LNS2033603/2020|2020-10-31|EPI_ISL_740041|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/RI-IBV-99010924/2020|2020-03-26|EPI_ISL_732763|Original|hCoV-19^^La_Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Italy/MAR-UnivPM-78955-2/2020|2020-03-04|EPI_ISL_516088|Original|hCoV-19^^Marche|Human|Biomedical Sciences and Public Health|Biomedical Sciences and Public Health|Bagnarelli|Italy

>Spike|hCoV-19/USA/TX-HMH-4279/2020|2020-06-18|EPI_ISL_543491|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B5D32E/2020|2020-11-09|EPI_ISL_678888|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Peru/ICA-INS-055/2020|2020-04-10|EPI_ISL_517531|Original|hCoV-19^^Ica|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru

>Spike|hCoV-19/England/LIVE-9B34D/2020|2020-03-26|EPI_ISL_449435|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1354/2020|2020-03-14|EPI_ISL_572143|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Iceland/540/2020|2020-03-27|EPI_ISL_424560|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Denmark/DCGC-1669/2020|2020-05-18|EPI_ISL_622418|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-2015/2020|2020-05-13|EPI_ISL_545069|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH871/2020|2020-05-24|EPI_ISL_513025|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/WA-S1605/2020|2020-05-26|EPI_ISL_496031|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-A41C50/2020|2020-10-05|EPI_ISL_609346|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AE5298/2020|2020-10-27|EPI_ISL_633406|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5853/2020|2020-08-00|EPI_ISL_688970|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/OMS-ORINFI-9916S/2020|2020-05-21|EPI_ISL_639927|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUH-9698C8/2020|2020-08-14|EPI_ISL_531100|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV15552/2020|2020-05-11|EPI_ISL_463037|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/TX-HMH-5048/2020|2020-06-22|EPI_ISL_544483|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16EA5C/2020|2020-10-03|EPI_ISL_585810|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012766698/2020|2020-08-10|EPI_ISL_745855|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NOTT-11BD46/2020|2020-11-13|EPI_ISL_652385|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/EDB888/2020|2020-04-04|EPI_ISL_433266|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-B0256E/2020|2020-10-24|EPI_ISL_642771|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5E6CA/2020|2020-11-09|EPI_ISL_655421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19933/2020|2020-12-07|EPI_ISL_747556|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A4670F/2020|2020-10-06|EPI_ISL_598661|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/1249/2020|2020-04-06|EPI_ISL_429259|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/England/LIVE-AA509/2020|2020-06-17|EPI_ISL_517462|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-R51/2020|2020-04-20|EPI_ISL_530101|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Russia/MUR-RII-MH6034S/2020|2020-11-11|EPI_ISL_733334|Original|hCoV-19^^Murmansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-BC86AD/2020|2020-11-23|EPI_ISL_721329|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9625/2020|2020-05-06|EPI_ISL_672142|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/UT-UPHL-201123552/2020|2020-04-29|EPI_ISL_634915|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9CBDD4/2020|2020-09-16|EPI_ISL_575709|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1499/2020|2020-07-23|EPI_ISL_568597|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-B2DF14/2020|2020-11-04|EPI_ISL_659840|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9782F5/2020|2020-07-30|EPI_ISL_526408|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-SR0401/2020|2020-04-14|EPI_ISL_458273|Original|hCoV-19^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC16175/2020|2020-08-06|EPI_ISL_640325|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-57024C/2020|2020-06-11|EPI_ISL_558319|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_69/2020|2020-05-10|EPI_ISL_645068|Original|hCoV-19^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/New Zealand/20CV0075/2020|2020-08-14|EPI_ISL_547981|Original|hCoV-19^Combined Auckland|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Scotland/CVR5602/2020|2020-11-02|EPI_ISL_651862|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-B9EBB0/2020|2020-11-18|EPI_ISL_719665|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-10181089/2020|2020-10-18|EPI_ISL_735129|Original|hCoV-19^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Colombia/CES-INS-87973/2020|2020-03-23|EPI_ISL_498153|Original|hCoV-19^Cesar|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/England/20186075104/2020|2020-04-30|EPI_ISL_465472|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020308002/2020|2020-08-24|EPI_ISL_602169|Original|hCoV-19^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/CA-ALSR-0570-IPL/2020|2020-05-13|EPI_ISL_483230|Original|hCoV-19^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-16DBE1/2020|2020-09-26|EPI_ISL_577505|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15384/2020|2020-11-23|EPI_ISL_713794|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-15D4AD/2020|2020-04-19|EPI_ISL_473144|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8602/2020|2020-07-01|EPI_ISL_780455|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/SP-299/2020|2020-04-24|EPI_ISL_527864|Original|hCoV-19^S\u00e3o Paulo|Human|Hospital e Pronto Socorro Comunit\u00e1rio Vila Iolanda|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/CAMC-C71B2B/2020|2020-12-16|EPI_ISL_769094|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B480F2/2020|2020-11-07|EPI_ISL_649384|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0130/2020|2020-04-10|EPI_ISL_450864|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-2350/2020|2020-05-25|EPI_ISL_545258|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-AE2583/2020|2020-10-27|EPI_ISL_633484|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2412/2020|2020-06-20|EPI_ISL_522123|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-22478/2020|2020-12-14|EPI_ISL_757425|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21256/2020|2020-04-02|EPI_ISL_507511|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-2827/2020|2020-08-24|EPI_ISL_616653|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Hong Kong/VB20050000/2020|2020-03-17|EPI_ISL_476803|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/England/BRIS-18542A2/2020|2020-04-28|EPI_ISL_492342|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP12C04P/2020|2020-03-16|EPI_ISL_427601|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/England/ALDP-9D77F5/2020|2020-09-18|EPI_ISL_576586|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Sweden/20-50217/2020|2020-03-07|EPI_ISL_455874|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUA-A8BB5D/2020|2020-10-19|EPI_ISL_643117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A83E3/2020|2020-03-27|EPI_ISL_517158|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9E608F/2020|2020-09-24|EPI_ISL_580288|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B85721/2020|2020-11-14|EPI_ISL_675361|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A957E3/2020|2020-10-20|EPI_ISL_624866|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6202/2020|2020-07-04|EPI_ISL_547309|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-5546/2020|2020-06-25|EPI_ISL_544853|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC476/2020|2020-04-21|EPI_ISL_435541|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/United Arab Emirates/1080/2020|2020-06-12|EPI_ISL_698154|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-B3B98E/2020|2020-11-02|EPI_ISL_706090|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21775/2020|2020-12-21|EPI_ISL_757778|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-CDC-2-3714292/2020|2020-11-09|EPI_ISL_751685|Original|hCoV-19^^Virginia|Human|VA-Division of Consolidated Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC784/2020|2020-03-30|EPI_ISL_427059|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-IGI-0242/2020|2020-07-14|EPI_ISL_569946|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Japan/PG-8491/2020|2020-06-00|EPI_ISL_687590|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Slovenia/V0-15921/2020|2020-04-24|EPI_ISL_635272|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/MILK-97596C/2020|2020-08-20|EPI_ISL_552603|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13959/2020|2020-11-30|EPI_ISL_711476|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/OV-RIVM-20144/2020|2020-11-28|EPI_ISL_723314|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUH-9AE663/2020|2020-09-05|EPI_ISL_577231|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Jordan/IR-ALSR-2578/2020|2020-06-25|EPI_ISL_635777|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Australia/NSW2956/2020|2020-10-20|EPI_ISL_707895|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/USA/WA-UW-4677/2020|2020-04-05|EPI_ISL_429630|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Hangzhou/HZ91/2020|2020-01-21|EPI_ISL_418507|Original|hCoV-19^^Zhejiang|Human|Hangzhou Center for Disease Control and Prevention|Inspection Center of Hangzhou Center for Disease Control and Prevention|Renton|China

>Spike|hCoV-19/USA/TX-HMH-6978/2020|2020-06-28|EPI_ISL_546403|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/WH-NVRL-20G48616/2020|2020-04-04|EPI_ISL_708519|Original|hCoV-19^^Westmeath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Oakpark|Della Bartola|Ireland

>Spike|hCoV-19/England/CAMB-7775A/2020|2020-03-30|EPI_ISL_439421|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B24566/2020|2020-11-03|EPI_ISL_646903|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/582/2020|2020-03-27|EPI_ISL_424602|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/CA-CHLA-PLM74675338/2020|2020-11-19|EPI_ISL_753382|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-B1B1AA/2020|2020-11-02|EPI_ISL_646054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-8928F4/2020|2020-07-27|EPI_ISL_532764|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16543/2020|2020-11-16|EPI_ISL_714163|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/SC-DHEC-0656/2020|2020-06-19|EPI_ISL_529102|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores,H.|USA

>Spike|hCoV-19/England/QEUEH-9B7C1A/2020|2020-09-04|EPI_ISL_590472|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6493/2020|2020-10-05|EPI_ISL_620393|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1774/2020|2020-06-01|EPI_ISL_496200|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-888/2020|2020-04-16|EPI_ISL_545901|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-81624-01/2020|2020-05-06|EPI_ISL_677666|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-AA0BF8/2020|2020-10-22|EPI_ISL_624988|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7569/2020|2020-07-00|EPI_ISL_686671|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1AA878/2020|2020-04-17|EPI_ISL_470147|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B37D4A/2020|2020-11-05|EPI_ISL_658764|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-130072/2020|2020-07-21|EPI_ISL_746620|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/NY-NYUMC506/2020|2020-03-30|EPI_ISL_444623|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Spain/PV-IBV-2137/2020|2020-04-12|EPI_ISL_468885|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Spain/CM-IBV-003765/2020|2020-04-03|EPI_ISL_474947|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-10744/2020|2020-07-08|EPI_ISL_789166|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B778C5/2020|2020-11-11|EPI_ISL_661791|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1831/2020|2020-05-19|EPI_ISL_512200|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Germany/BE-ChVir-D1930-8296/2020|2020-10-10|EPI_ISL_753873|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Luxembourg/LNS0394050/2020|2020-11-14|EPI_ISL_739768|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-15016/2020|2020-10-15|EPI_ISL_786500|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gibraltar/204421195/2020|2020-10-27|EPI_ISL_613656|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/CAMC-A3EA7A/2020|2020-10-05|EPI_ISL_609669|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CCEBB/2020|2020-05-16|EPI_ISL_484503|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-A98610/2020|2020-12-25|EPI_ISL_764353|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BIRM-67E58/2020|2020-10-30|EPI_ISL_650849|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Norway/4013/2020|2020-09-21|EPI_ISL_590966|Original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/MI-MDHHS-SC20562/2020|2020-04-29|EPI_ISL_462644|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-18524/2020|2020-12-07|EPI_ISL_749246|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47CFB3/2020|2020-09-27|EPI_ISL_586080|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/LIVE-DC9C6C/2020|2020-12-05|EPI_ISL_705235|Original|hCoV-19^^Wales|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Portugal/PT1391/2020|2020-03-27|EPI_ISL_511350|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-13496/2020|2020-11-30|EPI_ISL_712832|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BAB21/2020|2020-11-13|EPI_ISL_664781|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496EF2/2020|2020-11-25|EPI_ISL_726747|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E4F0C/2020|2020-09-24|EPI_ISL_600945|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03639/2020|2020-11-00|EPI_ISL_775143|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMC-AEB159/2020|2020-10-24|EPI_ISL_633194|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4939/2020|2020-06-21|EPI_ISL_544414|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-AF4919/2020|2020-10-30|EPI_ISL_663025|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11047/2020|2020-11-02|EPI_ISL_670364|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/HI-H200598/2020|2020-10-05|EPI_ISL_753124|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-1981/2020|2020-04-00|EPI_ISL_685587|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1ACEDE/2020|2020-04-24|EPI_ISL_489531|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Pakistan/JRCGR-KHI17/2020|2020-07-02|EPI_ISL_779290|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/USA/MN-MDH-1426/2020|2020-03-25|EPI_ISL_514645|Original|hCoV-19^^Minnesota|Human|Avera McKennan Laboratory|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC3250/2020|2020-07-09|EPI_ISL_520930|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-2129/2020|2020-04-00|EPI_ISL_685734|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-1145DC/2020|2020-10-05|EPI_ISL_577179|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/MILK-A6A9A5/2020|2020-10-09|EPI_ISL_627127|Original|hCoV-19^^Scotland|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B0AF77/2020|2020-10-29|EPI_ISL_643609|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/UD-9953/2020|2020-04-22|EPI_ISL_477013|Original|hCoV-19^^Szabolcs-Szatm\u00e9l\u00e9r-Bereg County|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Belgium/reg-0417517/2020|2020-04-17|EPI_ISL_734609|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Norway/6697/2020|2020-11-13|EPI_ISL_775515|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Scotland/CVR3237/2020|2020-04-26|EPI_ISL_449247|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-A944CF/2020|2020-10-20|EPI_ISL_624692|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0256/2020|2020-03-26|EPI_ISL_437556|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/OXON-AFA14/2020|2020-04-15|EPI_ISL_478795|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC5438/2020|2020-07-15|EPI_ISL_520189|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-EVTL726/2020|2020-07-16|EPI_ISL_653418|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Netherlands/NB-EMC-216/2020|2020-06-12|EPI_ISL_523339|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9FD498/2020|2020-10-01|EPI_ISL_587838|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99D737/2020|2020-08-31|EPI_ISL_549927|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/0125-A167/2020|2020-01-25|EPI_ISL_493158|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/Scotland/EDB3380/2020|2020-04-09|EPI_ISL_487952|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0356/2020|2020-11-17|EPI_ISL_720409|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11902/2020|2020-08-04|EPI_ISL_591889|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/UT-EMC-177/2020|2020-10-27|EPI_ISL_722558|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-6CFA54/2020|2020-07-03|EPI_ISL_556302|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14515/2020|2020-10-08|EPI_ISL_787800|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-99008728/2020|2020-10-16|EPI_ISL_654301|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-2258/2020|2020-11-19|EPI_ISL_763341|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Singapore/1457/2020|2020-12-11|EPI_ISL_728193|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/CA-ALSR-1084-SAN/2020|2020-06-23|EPI_ISL_483511|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUEH-96112F/2020|2020-08-03|EPI_ISL_532129|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008952/2020|2020-05-15|EPI_ISL_525279|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B6795C/2020|2020-11-11|EPI_ISL_661522|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-99603-01/2020|2020-05-14|EPI_ISL_676672|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-14023/2020|2020-11-30|EPI_ISL_711286|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3A9F7/2020|2020-12-08|EPI_ISL_736758|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5031/2020|2020-04-14|EPI_ISL_444195|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-6A6103/2020|2020-07-02|EPI_ISL_551746|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7417/2020|2020-10-12|EPI_ISL_619360|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2847/2020|2020-05-00|EPI_ISL_690974|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9D94DE/2020|2020-09-18|EPI_ISL_576733|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR1361/2020|2020-04-01|EPI_ISL_433554|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_R-28/2020|2020-06-28|EPI_ISL_775003|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/QEUEH-B413E1/2020|2020-11-08|EPI_ISL_658579|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0870/2020|2020-04-29|EPI_ISL_583735|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/TX-HMH-MCoV-14733/2020|2020-10-12|EPI_ISL_786218|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/D-NVRL-20G35142/2020|2020-03-20|EPI_ISL_605142|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/England/CAMB-7F6DD/2020|2020-04-08|EPI_ISL_470444|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A22CBF/2020|2020-10-03|EPI_ISL_611948|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-9D7458/2020|2020-09-17|EPI_ISL_584371|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F490B/2020|2020-09-25|EPI_ISL_588342|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26544575/2020|2020-04-17|EPI_ISL_485147|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/MA-MGH-03145/2020|2020-09-06|EPI_ISL_765717|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-2945/2020|2020-08-24|EPI_ISL_616706|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16460/2020|2020-11-16|EPI_ISL_714780|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/RJ-INCA-C181/2020|2020-04-30|EPI_ISL_513519|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil

>Spike|hCoV-19/Japan/PG-1116/2020|2020-04-00|EPI_ISL_684726|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-10423/2020|2020-08-14|EPI_ISL_581584|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MI-UM-10036166894/2020|2020-09-28|EPI_ISL_590729|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Spain/AS-IBV-98006622/2020|2020-03-21|EPI_ISL_654617|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-49EE18/2020|2020-12-09|EPI_ISL_743128|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL128/2020|2020-00-00|EPI_ISL_454397|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/England/LIVE-A1924/2020|2020-06-08|EPI_ISL_490346|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15316/2020|2020-11-23|EPI_ISL_713099|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB4721/2020|2020-04-28|EPI_ISL_453136|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B68BBF/2020|2020-11-11|EPI_ISL_676364|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2274/2020|2020-06-09|EPI_ISL_497702|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/EXET-1393F5/2020|2020-00-00|EPI_ISL_724253|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC7988/2020|2020-08-11|EPI_ISL_564793|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-PV09383/2020|2020-03-19|EPI_ISL_450066|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Switzerland/GR-ETHZ-410115/2020|2020-12-16|EPI_ISL_737417|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-991232/2020|2020-08-26|EPI_ISL_551909|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12704E/2020|2020-04-23|EPI_ISL_469725|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D62D0/2020|2020-04-21|EPI_ISL_482208|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00432/2020|2020-10-30|EPI_ISL_717831|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/TX-HMH-MCoV-19579/2020|2020-11-29|EPI_ISL_783951|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-1266CE1/2020|2020-12-10|EPI_ISL_741197|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20057/2020|2020-11-15|EPI_ISL_723241|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-BB9812/2020|2020-11-20|EPI_ISL_702662|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-8230D/2020|2020-04-14|EPI_ISL_443491|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-270048/2020|2020-09-01|EPI_ISL_541417|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-499062/2020|2020-12-01|EPI_ISL_727250|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9A8942/2020|2020-09-01|EPI_ISL_549435|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-EC8E4/2020|2020-05-17|EPI_ISL_457571|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NORW-F7D8D/2020|2020-11-13|EPI_ISL_651409|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB12E/2020|2020-11-10|EPI_ISL_664820|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-AADD9B/2020|2020-10-21|EPI_ISL_721548|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B82B37/2020|2020-11-14|EPI_ISL_675582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42204906/2020|2020-03-24|EPI_ISL_581737|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/South Africa/KRISP-K002277/2020|2020-07-18|EPI_ISL_515657|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-16D3F8/2020|2020-09-25|EPI_ISL_574234|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9B66D1/2020|2020-08-28|EPI_ISL_573028|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3377/2020|2020-05-30|EPI_ISL_635990|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/EXET-136FF4/2020|2020-04-20|EPI_ISL_471944|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF5BA9/2020|2020-10-30|EPI_ISL_663036|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-372/2020|2020-11-08|EPI_ISL_722745|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Brazil/SP-762/2020|2020-06-25|EPI_ISL_735415|Original|hCoV-19^^S\u00e3o Paulo|Human|Unidade de Pronto Atendimento de Agenor de Campos|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/QEUEH-AD1A5B/2020|2020-10-26|EPI_ISL_634623|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3286/2020|2020-04-07|EPI_ISL_488971|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16978/2020|2020-12-14|EPI_ISL_750682|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C58A1E/2020|2020-12-13|EPI_ISL_736040|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1617/2020|2020-10-07|EPI_ISL_700733|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/ALDP-9CC9FD/2020|2020-09-16|EPI_ISL_572591|Original|hCoV-19^^Wales|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-A8BAD8/2020|2020-10-16|EPI_ISL_647857|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20130036404/2020|2020-03-23|EPI_ISL_423616|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/KA-nimh-0351/2020|2020-04-10|EPI_ISL_428484|Original|hCoV-19^^Karnataka|Human|District Surveillance Unit|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Burkina Faso/2832/2020|2020-09-17|EPI_ISL_660463|Original|hCoV-19^^Hound\u00e9|Human|Laboratoire de Microbiologie CHU Sourou Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Scotland/GCVR-173D6A/2020|2020-04-06|EPI_ISL_459116|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-822/2020|2020-04-07|EPI_ISL_545854|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7558F/2020|2020-03-13|EPI_ISL_440399|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/ON-S1565/2020|2020-09-02|EPI_ISL_755920|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/NY-NYCPHL-001153/2020|2020-10-27|EPI_ISL_671735|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Peru/LIM-INS-003/2020|2020-03-06|EPI_ISL_489836|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/USA/TX-HMH-MCoV-9232/2020|2020-07-03|EPI_ISL_781011|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-AD15A5/2020|2020-10-23|EPI_ISL_633699|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC676/2020|2020-03-29|EPI_ISL_450393|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-47E591/2020|2020-09-27|EPI_ISL_595471|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42191742/2020|2020-03-15|EPI_ISL_528110|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/BRIS-122957/2020|2020-04-02|EPI_ISL_440767|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7518/2020|2020-11-00|EPI_ISL_740688|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/USA/ME-HETL-J0294/2020|2020-11-30|EPI_ISL_755434|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Australia/VIC6960/2020|2020-07-20|EPI_ISL_564163|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR951/2020|2020-03-28|EPI_ISL_439137|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0364/2020|2020-06-13|EPI_ISL_538301|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC862/2020|2020-04-05|EPI_ISL_427119|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-12931/2020|2020-06-03|EPI_ISL_672360|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-B25F49/2020|2020-11-04|EPI_ISL_646542|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A60BC7/2020|2020-10-12|EPI_ISL_665967|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-4564/2020|2020-07-00|EPI_ISL_689701|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ecuador/USFQ-096/2020|2020-06-17|EPI_ISL_477015|Original|hCoV-19^^Quito|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/Japan/PG-0057/2020|2020-03-08|EPI_ISL_479820|Original|hCoV-19^^Hokkaido|Human|Hokkaido Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA2015/2020|2020-10-22|EPI_ISL_624391|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1471/2020|2020-05-07|EPI_ISL_495646|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-6480/2020|2020-10-05|EPI_ISL_620380|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BEED8E/2020|2020-11-30|EPI_ISL_708958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036686533/2020|2020-10-29|EPI_ISL_682096|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/FL-BPHL-0164/2020|2020-04-02|EPI_ISL_480815|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12880/2020|2020-08-19|EPI_ISL_788032|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-EMC-165/2020|2020-11-01|EPI_ISL_722603|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-UW-2572/2020|2020-03-28|EPI_ISL_486002|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB4648/2020|2020-05-08|EPI_ISL_478176|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487CFA/2020|2020-10-28|EPI_ISL_637330|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20626/2020|2020-12-19|EPI_ISL_790704|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-491E60/2020|2020-11-16|EPI_ISL_706788|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15292/2020|2020-11-20|EPI_ISL_738933|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Canada/ON-E57/2020|2020-05-31|EPI_ISL_593531|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Egypt/EGY-042/2020|2020-08-22|EPI_ISL_526998|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/Wales/CAMC-9B2259/2020|2020-09-04|EPI_ISL_566537|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D35A/2020|2020-03-17|EPI_ISL_483945|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/France/ARA-SC197/2020|2020-04-27|EPI_ISL_700370|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Germany/NW-HHU-89/2020|2020-08-17|EPI_ISL_539605|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/WA-UW-27033/2020|2020-09-06|EPI_ISL_570788|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/MILK-9A6908/2020|2020-09-01|EPI_ISL_602145|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0187/2020|2020-04-14|EPI_ISL_437403|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/AZ-TG507252/2020|2020-07-16|EPI_ISL_695295|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Northern Ireland/NIRE-1016FD/2020|2020-04-28|EPI_ISL_482140|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1916/2020|2020-04-17|EPI_ISL_542900|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FF471/2020|2020-04-22|EPI_ISL_469882|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8589/2020|2020-10-26|EPI_ISL_625874|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA40E6/2020|2020-10-22|EPI_ISL_623989|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1225/2020|2020-04-09|EPI_ISL_494449|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Singapore/998/2020|2020-03-20|EPI_ISL_574479|Original|hCoV-19^^Singapore|Human|Programme in Emerging Infectious Diseases|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-B8E807/2020|2020-11-13|EPI_ISL_674596|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S748/2020|2020-04-13|EPI_ISL_449918|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-978AC0/2020|2020-08-01|EPI_ISL_526424|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-6772/2020|2020-08-00|EPI_ISL_687882|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-1090F7/2020|2020-10-20|EPI_ISL_652314|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Australia/VIC5546/2020|2020-07-20|EPI_ISL_518375|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC978/2020|2020-03-29|EPI_ISL_430542|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-22585/2020|2020-12-14|EPI_ISL_757436|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B24D3/2020|2020-00-00|EPI_ISL_456685|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2026/2020|2020-00-00|EPI_ISL_579213|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUEH-BA2AAD/2020|2020-11-18|EPI_ISL_672839|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5820/2020|2020-11-13|EPI_ISL_666033|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15772/2020|2020-07-09|EPI_ISL_785456|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MD-MDH-0056/2020|2020-05-26|EPI_ISL_509460|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000816/2020|2020-03-30|EPI_ISL_632193|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/IC-0391/2020|2020-12-00|EPI_ISL_736902|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/MB-NML-1010/2020|2020-07-29|EPI_ISL_582377|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/VIC4706/2020|2020-07-16|EPI_ISL_519094|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-0755/2020|2020-04-00|EPI_ISL_684365|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-CBF505/2020|2020-12-18|EPI_ISL_760344|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2283/2020|2020-08-10|EPI_ISL_617641|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-976664/2020|2020-08-20|EPI_ISL_575897|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BDB8B0/2020|2020-11-26|EPI_ISL_709705|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08664/2020|2020-05-08|EPI_ISL_524390|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-13347/2020|2020-11-30|EPI_ISL_712163|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9CADE4/2020|2020-09-16|EPI_ISL_575478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_293/2020|2020-04-01|EPI_ISL_422602|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-16BC3B/2020|2020-09-19|EPI_ISL_573955|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C82477/2020|2020-12-16|EPI_ISL_762792|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2038/2020|2020-09-29|EPI_ISL_677444|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/LA-EVTL322/2020|2020-05-18|EPI_ISL_578728|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WY-WPHL-20168086/2020|2020-12-18|EPI_ISL_766783|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_CPH_isl_426_BGD/2020|2020-04-29|EPI_ISL_774891|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Wales/PHWC-4A5C14/2020|2020-12-13|EPI_ISL_764960|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/201080077/2020|2020-03-04|EPI_ISL_464460|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S1448/2020|2020-05-21|EPI_ISL_495898|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/AZ-TG670140/2020|2020-05-02|EPI_ISL_696347|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/UT-04133/2020|2020-05-13|EPI_ISL_493032|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Scotland/QEUH-AF22F2/2020|2020-10-30|EPI_ISL_676445|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A007F2/2020|2020-10-02|EPI_ISL_600376|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDBA5/2020|2020-05-06|EPI_ISL_589462|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-274/2020|2020-06-06|EPI_ISL_523253|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/ZuidHolland_122/2020|2020-04-21|EPI_ISL_461295|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Italy/APU-IZSPB-181PT/2020|2020-08-28|EPI_ISL_722860|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/ALDP-90222D/2020|2020-06-24|EPI_ISL_551571|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0432/2020|2020-11-22|EPI_ISL_704708|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA22C4/2020|2020-10-22|EPI_ISL_625241|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL881/2020|2020-07-06|EPI_ISL_653572|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MN-MDH-1894/2020|2020-10-24|EPI_ISL_613532|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Hong Kong/HKPU-0291/2020|2020-03-22|EPI_ISL_610167|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/England/NOTT-11531D/2020|2020-10-12|EPI_ISL_584802|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48934E/2020|2020-11-02|EPI_ISL_639566|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42202153/2020|2020-03-22|EPI_ISL_528321|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-1279/2020|2020-04-30|EPI_ISL_494476|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Canada/ON-UHTC-0261/2020|2020-06-16|EPI_ISL_570001|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/MILK-AC95DD/2020|2020-10-21|EPI_ISL_629321|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-321F3/2020|2020-04-14|EPI_ISL_446618|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-A4C921/2020|2020-10-05|EPI_ISL_628578|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1549/2020|2020-08-03|EPI_ISL_527614|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/WA-UW-11293/2020|2020-06-21|EPI_ISL_501096|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-B0AA94/2020|2020-10-29|EPI_ISL_643630|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1140F9/2020|2020-10-03|EPI_ISL_577140|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1330/2020|2020-04-02|EPI_ISL_468358|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-18004/2020|2020-12-14|EPI_ISL_749694|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-767plus/2020|2020-04-14|EPI_ISL_483675|Original|hCoV-19^^Zurich|Human|University Hospital Zurich|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1B618D/2020|2020-09-18|EPI_ISL_573151|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-C51927/2020|2020-12-11|EPI_ISL_778643|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A64431/2020|2020-10-12|EPI_ISL_628698|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC7853/2020|2020-07-29|EPI_ISL_564704|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-113A92/2020|2020-09-26|EPI_ISL_573454|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A0ADF6/2020|2020-10-03|EPI_ISL_599225|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124C391/2020|2020-04-12|EPI_ISL_492837|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012947909/2020|2020-08-18|EPI_ISL_746112|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-B02391/2020|2020-10-23|EPI_ISL_642983|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI458/2020|2020-03-25|EPI_ISL_429541|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Spain/RI-IBV-99005862/2020|2020-03-03|EPI_ISL_537405|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-UM-10036416305/2020|2020-10-13|EPI_ISL_610089|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/FL-BPHL-0831/2020|2020-06-19|EPI_ISL_514177|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC12081/2020|2020-09-10|EPI_ISL_563518|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-4F50DD/2020|2020-06-24|EPI_ISL_559258|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8954/2020|2020-09-00|EPI_ISL_686500|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/D-NVRL-71IRL15701/2020|2020-07-09|EPI_ISL_500592|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-AA3A52/2020|2020-10-22|EPI_ISL_624313|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Taiwan/CGMH-CGU-36/2020|2020-09-17|EPI_ISL_667809|Original|hCoV-19^^Taoyuan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan

>Spike|hCoV-19/Gibraltar/204462856/2020|2020-10-29|EPI_ISL_615024|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Thailand/Bangkok_323/2020|2020-01-29|EPI_ISL_447916|Vero P2|hCoV-19^^Bangkok|Human|n/a|National Institute of Health. Department of medical Sciences|Okada|Thailand

>Spike|hCoV-19/Germany/HH-hpi-pl624/2020|2020-03-17|EPI_ISL_775671|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Japan/PG-6845/2020|2020-09-00|EPI_ISL_687953|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C3BFD6/2020|2020-12-10|EPI_ISL_731620|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18318/2020|2020-11-17|EPI_ISL_784666|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-28BD4/2020|2020-04-04|EPI_ISL_445415|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4270/2020|2020-06-18|EPI_ISL_543482|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-26180/2020|2020-10-16|EPI_ISL_660948|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Northern Ireland/NIRE-10235F/2020|2020-03-22|EPI_ISL_441404|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-9E7E2A/2020|2020-09-24|EPI_ISL_638131|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6815/2020|2020-10-12|EPI_ISL_619512|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19010/2020|2020-12-07|EPI_ISL_748695|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL876/2020|2020-07-06|EPI_ISL_653567|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/QEUH-9F67C3/2020|2020-09-27|EPI_ISL_600666|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B9F7CA/2020|2020-11-18|EPI_ISL_720999|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S162-KN/2020|2020-03-24|EPI_ISL_770828|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Italy/BAS-IZSPB-341PT/2020|2020-10-28|EPI_ISL_722875|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della

Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy
>Spike|hCoV-19/USA/TX-HMH-6897/2020|2020-06-25|EPI_ISL_546331|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Spain/MD-H12-49/2020|2020-03-27|EPI_ISL_529982|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain
>Spike|hCoV-19/Jordan/AM-ALSR-4989/2020|2020-10-10|EPI_ISL_730262|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/South Africa/N00054/2020|2020-08-11|EPI_ISL_623049|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/Canada/MB-NML-1191/2020|2020-07-20|EPI_ISL_582505|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Spike|hCoV-19/USA/TX-HMH-2356/2020|2020-05-27|EPI_ISL_545261|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-18581/2020|2020-12-07|EPI_ISL_750058|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Thailand/Bangkok-CONI-0263/2020|2020-03-14|EPI_ISL_693342|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand
>Spike|hCoV-19/USA/WA-S2328/2020|2020-06-10|EPI_ISL_496960|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-8998/2020|2020-07-02|EPI_ISL_780883|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-480B30/2020|2020-10-10|EPI_ISL_612974|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-72C6F/2020|2020-03-22|EPI_ISL_440046|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/CAMC-B372C3/2020|2020-11-05|EPI_ISL_645333|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR5467/2020|2020-10-28|EPI_ISL_650865|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/WA-UW315/2020|2020-03-13|EPI_ISL_418882|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/ALDP-A51349/2020|2020-10-08|EPI_ISL_598082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/FR-RIVM-20389/2020|2020-12-08|EPI_ISL_728609|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/MI-MDHHS-SC20586/2020|2020-04-29|EPI_ISL_462668|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Japan/PG-3091/2020|2020-04-00|EPI_ISL_691213|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-5351/2020|2020-09-14|EPI_ISL_615282|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Bahrain/340864186/2020|2020-10-14|EPI_ISL_632259|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/CAMB-80660/2020|2020-04-10|EPI_ISL_470370|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC19A9/2020|2020-11-20|EPI_ISL_705813|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9531/2020|2020-07-03|EPI_ISL_781168|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/LOM-UniMI05/2020|2020-02-24|EPI_ISL_779704|Original|hCoV-19^^Lombardy|Human|Laboratory of Infectious Diseases|Laboratory of Infectious Diseases|Lai|Italy

>Spike|hCoV-19/England/QEUH-BA2A25/2020|2020-11-18|EPI_ISL_672813|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84670/2020|2020-11-15|EPI_ISL_675358|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB7657/2020|2020-10-20|EPI_ISL_623314|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_CPH_isl_506_BGD/2020|2020-04-29|EPI_ISL_774884|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Australia/NSW338/2020|2020-04-05|EPI_ISL_451600|Original|hCoV-19^^New South Wales|Human|Pathology North Hunter- NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-5416/2020|2020-08-00|EPI_ISL_690519|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-p1888/2020|2020-03-24|EPI_ISL_776231|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-9534BE/2020|2020-06-08|EPI_ISL_554427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S977/2020|2020-05-01|EPI_ISL_463467|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC6140/2020|2020-07-22|EPI_ISL_518151|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-9B4A6E/2020|2020-09-07|EPI_ISL_602081|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16AB3F/2020|2020-09-10|EPI_ISL_560158|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B3621F/2020|2020-11-05|EPI_ISL_645485|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2445/2020|2020-03-16|EPI_ISL_604799|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NOTT-10F291/2020|2020-04-01|EPI_ISL_432985|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/EDB2275/2020|2020-04-21|EPI_ISL_491520|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4943/2020|2020-10-05|EPI_ISL_594707|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Senegal/370/2020|2020-03-18|EPI_ISL_420072|Original|hCoV-19^^Thies|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/QEUI-B7E5B8/2020|2020-11-14|EPI_ISL_668095|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-A1F4DB/2020|2020-10-01|EPI_ISL_587446|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-97170C/2020|2020-08-18|EPI_ISL_553063|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1219A3/2020|2020-03-15|EPI_ISL_440248|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH1733S/2020|2020-09-16|EPI_ISL_602361|Original|hCoV-19^^Sverdlovsk|Human|HELIIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/VA-DCLS-0456/2020|2020-05-05|EPI_ISL_477667|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-796A6/2020|2020-04-03|EPI_ISL_441843|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-80949/2020|2020-04-10|EPI_ISL_443045|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19883/2020|2020-12-07|EPI_ISL_747851|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9F2879/2020|2020-09-18|EPI_ISL_589021|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MH-NVRL-72IRL21078/2020|2020-08-13|EPI_ISL_528482|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-B8F96D/2020|2020-11-13|EPI_ISL_674800|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4073/2020|2020-07-12|EPI_ISL_519455|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-PV08441/2020|2020-03-18|EPI_ISL_421393|Original|hCoV-19^^New York|Human|MHS Clinical Microbiology Laboratories|MHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/NORT-289067/2020|2020-03-26|EPI_ISL_458623|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC-0240/2020|2020-06-08|EPI_ISL_570014|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/CAMC-BBC3B4/2020|2020-11-21|EPI_ISL_724131|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0237/2020|2020-04-28|EPI_ISL_466898|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Wales/PHWC-16675D/2020|2020-06-18|EPI_ISL_494035|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-C8110/2020|2020-11-21|EPI_ISL_680150|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488691/2020|2020-10-28|EPI_ISL_639420|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-1138B6/2020|2020-09-15|EPI_ISL_573441|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290047-01/2020|2020-12-22|EPI_ISL_767524|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/South Africa/KRISP-K001089/2020|2020-07-13|EPI_ISL_509341|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-3056/2020|2020-08-31|EPI_ISL_616836|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036633232/2020|2020-10-26|EPI_ISL_650061|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Ireland/D-NVRL-20G35446/2020|2020-03-20|EPI_ISL_605798|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Australia/VIC12390/2020|2020-07-31|EPI_ISL_640495|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A706A5/2020|2020-10-15|EPI_ISL_607674|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-95E9D2/2020|2020-08-09|EPI_ISL_532397|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MN-NVRL-20IRL50633/2020|2020-09-29|EPI_ISL_639900|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Luxembourg/LNS6493220/2020|2020-11-27|EPI_ISL_744421|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-15190/2020|2020-11-23|EPI_ISL_739180|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/France/OCC-SC548/2020|2020-04-03|EPI_ISL_660720|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/NY-NYCPHL-000821/2020|2020-04-08|EPI_ISL_632198|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CA-ALSR-2083/2020|2020-05-22|EPI_ISL_635339|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/PV-IBV-000953/2020|2020-03-28|EPI_ISL_452622|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-22186/2020|2020-12-14|EPI_ISL_758603|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-IGI-0124/2020|2020-05-21|EPI_ISL_495146|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/Germany/SH-ChVir20784/2020|2020-11-28|EPI_ISL_729694|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/20186084004/2020|2020-04-28|EPI_ISL_465708|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B2237D/2020|2020-11-03|EPI_ISL_645918|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15525/2020|2020-10-23|EPI_ISL_787009|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/RI-IBV-99005844/2020|2020-03-12|EPI_ISL_537387|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/CVR2812/2020|2020-04-21|EPI_ISL_438984|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B7BC3E/2020|2020-11-10|EPI_ISL_724043|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7233/2020|2020-06-29|EPI_ISL_546615|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/reg-0616695/2020|2020-06-16|EPI_ISL_734757|Original|hCoV-19^^Kortenberg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-BD46CC/2020|2020-11-27|EPI_ISL_702024|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBFECF/2020|2020-11-20|EPI_ISL_704833|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF077D/2020|2020-10-29|EPI_ISL_662671|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1552/2020|2020-09-09|EPI_ISL_568650|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-490A21/2020|2020-11-14|EPI_ISL_706530|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-390410/2020|2020-12-03|EPI_ISL_721904|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-A4D1FB/2020|2020-10-05|EPI_ISL_627079|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-836/2020|2020-04-20|EPI_ISL_614447|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BB5254/2020|2020-11-21|EPI_ISL_701791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL162/2020|2020-05-11|EPI_ISL_574297|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Spain/VC-FISABIO-156/2020|2020-03-19|EPI_ISL_436251|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Japan/PG-2530/2020|2020-05-00|EPI_ISL_690665|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-3611/2020|2020-03-25|EPI_ISL_570035|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-UM-10036825916/2020|2020-11-06|EPI_ISL_728426|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUEH-BF0B34/2020|2020-12-05|EPI_ISL_709005|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B5616/2020|2020-07-07|EPI_ISL_499971|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC5B55/2020|2020-12-22|EPI_ISL_760444|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB5271/2020|2020-12-19|EPI_ISL_761718|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036284170/2020|2020-10-05|EPI_ISL_596597|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/WI-UW-1475/2020|2020-09-10|EPI_ISL_541607|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WI-UW-1092/2020|2020-07-27|EPI_ISL_516517|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MA-MGH-03368/2020|2020-11-09|EPI_ISL_765806|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/CA-ALSR-4194/2020|2020-06-19|EPI_ISL_648879|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wuhan/HB-WH4-202/2020|2020-03-17|EPI_ISL_455388|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/United Arab Emirates/0809/2020|2020-05-19|EPI_ISL_698948|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-A7B9FC/2020|2020-10-15|EPI_ISL_607350|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C98C/2020|2020-04-04|EPI_ISL_442065|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/MH-NIV-11677/2020|2020-04-19|EPI_ISL_452194|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/FL-BPHL-0797/2020|2020-03-21|EPI_ISL_514143|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-DSHS-0640/2020|2020-07-16|EPI_ISL_576295|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-B84D7B/2020|2020-11-14|EPI_ISL_675820|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDE99/2020|2020-06-07|EPI_ISL_584537|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Colombia/ANT-INS-02/2020|2020-06-04|EPI_ISL_653748|Original|hCoV-19^^Antioquia|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/England/MILK-9F17E6/2020|2020-09-25|EPI_ISL_589658|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/526/2020|2020-03-00|EPI_ISL_424547|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/UT-UPHL-2008945/2020|2020-05-13|EPI_ISL_525274|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4A0350/2020|2020-12-11|EPI_ISL_743433|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-1230F7/2020|2020-04-05|EPI_ISL_442680|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF48D0/2020|2020-10-30|EPI_ISL_662890|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8406/2020|2020-10-00|EPI_ISL_740778|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-14234/2020|2020-10-05|EPI_ISL_787519|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-4AA81B/2020|2020-06-13|EPI_ISL_559572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA458D/2020|2020-10-22|EPI_ISL_625260|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4204/2020|2020-07-16|EPI_ISL_519532|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-7E1CE/2020|2020-04-17|EPI_ISL_434048|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/NOTT-121856/2020|2020-12-22|EPI_ISL_764513|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6C799/2020|2020-11-10|EPI_ISL_655841|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EACD2/2020|2020-09-24|EPI_ISL_580238|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2CA1F/2020|2020-04-01|EPI_ISL_445935|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10822F/2020|2020-04-01|EPI_ISL_585175|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/AZ-TG271894/2020|2020-03-26|EPI_ISL_426550|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/England/20126103404/2020|2020-03-18|EPI_ISL_423912|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98008073/2020|2020-09-30|EPI_ISL_654412|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUEH-B6A5FB/2020|2020-11-11|EPI_ISL_662361|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1269/2020|2020-04-09|EPI_ISL_705795|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11915/2020|2020-10-05|EPI_ISL_672290|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC4550/2020|2020-07-14|EPI_ISL_518961|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17443/2020|2020-12-14|EPI_ISL_750986|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6EFAF/2020|2020-10-15|EPI_ISL_607216|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-4152/2020|2020-11-02|EPI_ISL_667529|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WA-UW-10028/2020|2020-05-29|EPI_ISL_461451|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/EXET-13F0DA/2020|2020-12-15|EPI_ISL_763452|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-32421-01/2020|2020-03-29|EPI_ISL_676784|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-8581/2020|2020-08-00|EPI_ISL_686177|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A6C34B/2020|2020-10-15|EPI_ISL_608028|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL302/2020|2020-05-12|EPI_ISL_578709|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-ALSR-4343/2020|2020-07-22|EPI_ISL_648982|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-4819/2020|2020-09-21|EPI_ISL_621429|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12AFD5/2020|2020-04-20|EPI_ISL_469821|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2015/2020|2020-07-31|EPI_ISL_667091|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Tunisia/COV0425/2020|2020-03-27|EPI_ISL_463005|Original|hCoV-19^^Tunisia|Human|unknown|Clinical virology|Submitter|Tunisia

>Spike|hCoV-19/England/MILK-976725/2020|2020-08-16|EPI_ISL_575889|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-QDX-220/2020|2020-04-10|EPI_ISL_498739|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Northern Ireland/NIRE-1053C5/2020|2020-03-29|EPI_ISL_472148|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Scotland/CVR5640/2020|2020-10-27|EPI_ISL_651402|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NOTT-115113/2020|2020-10-13|EPI_ISL_584791|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCD963/2020|2020-11-26|EPI_ISL_704527|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/NC-IBV-001417/2020|2020-03-22|EPI_ISL_452484|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CT-Yale-221/2020|2020-03-31|EPI_ISL_463156|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/NY-Wadsworth-194569-01/2020|2020-08-07|EPI_ISL_677033|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WA-S486/2020|2020-04-01|EPI_ISL_434246|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-9E830C/2020|2020-09-24|EPI_ISL_637576|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC15615/2020|2020-08-06|EPI_ISL_593377|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BFF90E/2020|2020-12-02|EPI_ISL_720843|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1239A1/2020|2020-04-07|EPI_ISL_442695|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9954/2020|2020-07-06|EPI_ISL_780353|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20VR1825/2020|2020-03-27|EPI_ISL_456270|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Australia/VIC266/2020|2020-03-22|EPI_ISL_419959|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p1806/2020|2020-03-19|EPI_ISL_775650|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-48F973/2020|2020-11-10|EPI_ISL_681165|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Slovakia/UKBA-208/2020|2020-05-06|EPI_ISL_577739|Original|hCoV-19^^Pezinok|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

>Spike|hCoV-19/USA/TX-HMH-MCoV-16265/2020|2020-10-30|EPI_ISL_785949|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/APU-IZSPB-149APT/2020|2020-00-00|EPI_ISL_722912|Original|hCoV-19^^Apulia|Human|Dipartimento di Scienze Biomediche e Oncologia Umana - Azienda Ospedaliero Universitaria Consorziale Policlinico|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Gibraltar/204841725/2020|2020-00-00|EPI_ISL_671293|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/NY-QDX-2366/2020|2020-03-17|EPI_ISL_604710|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/OXON-B049A/2020|2020-04-20|EPI_ISL_478882|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2131/2020|2020-03-17|EPI_ISL_498032|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/C200028994/2020|2020-10-08|EPI_ISL_636697|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1380/2020|2020-07-21|EPI_ISL_541317|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-27689/2020|2020-03-31|EPI_ISL_432306|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012756486/2020|2020-07-26|EPI_ISL_745686|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/AR-CDC-4178/2020|2020-07-08|EPI_ISL_509670|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUH-9618A2/2020|2020-08-05|EPI_ISL_537121|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB5BC1/2020|2020-12-18|EPI_ISL_761802|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AA02E4/2020|2020-10-20|EPI_ISL_611376|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-025/2020|2020-03-11|EPI_ISL_418967|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-4685/2020|2020-09-14|EPI_ISL_621917|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-1074/2020|2020-04-21|EPI_ISL_437074|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/ALDP-BC73D4/2020|2020-11-22|EPI_ISL_721197|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19353/2020|2020-11-27|EPI_ISL_783784|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C3CD8/2020|2020-09-29|EPI_ISL_585019|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/204720406/2020|2020-11-15|EPI_ISL_645136|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-B1257A/2020|2020-11-02|EPI_ISL_642692|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10EE61/2020|2020-03-28|EPI_ISL_432933|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/mink/Denmark/mDK-29/2020|2020-10-16|EPI_ISL_641422|unknown|hCoV-19^^Denmark|Neovison vison|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204221337/2020|2020-10-13|EPI_ISL_622847|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20138008904/2020|2020-03-20|EPI_ISL_423274|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24E2A/2020|2020-03-00|EPI_ISL_432064|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A9607E/2020|2020-10-20|EPI_ISL_624907|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BD9A4/2020|2020-09-09|EPI_ISL_568171|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Senegal/640/2020|2020-03-20|EPI_ISL_420079|Original|hCoV-19^^Thies|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/ALDP-B7436D/2020|2020-11-12|EPI_ISL_662150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0AF3B/2020|2020-10-30|EPI_ISL_643573|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-5F8CB7/2020|2020-06-25|EPI_ISL_533252|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C4087/2020|2020-09-09|EPI_ISL_566944|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F4288/2020|2020-09-25|EPI_ISL_600783|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1113-SAN/2020|2020-06-23|EPI_ISL_483536|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-C2FDDB/2020|2020-12-07|EPI_ISL_782785|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1358CD/2020|2020-04-15|EPI_ISL_457113|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/WA-S100/2020|2020-02-29|EPI_ISL_417153|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-AC79F1/2020|2020-10-21|EPI_ISL_634419|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0305/2020|2020-03-29|EPI_ISL_475780|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Brazil/SP-316/2020|2020-04-02|EPI_ISL_534313|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Sta Casa de Sto Amaro|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/CA-CZB-12319/2020|2020-10-08|EPI_ISL_648401|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-9F08D5/2020|2020-09-24|EPI_ISL_589672|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD29B7/2020|2020-10-26|EPI_ISL_629988|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-237/2020|2020-04-01|EPI_ISL_463169|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Belgium/ULG-10486/2020|2020-09-23|EPI_ISL_581650|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-29AF4/2020|2020-04-02|EPI_ISL_474239|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6145/2020|2020-07-04|EPI_ISL_547268|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14825/2020|2020-11-23|EPI_ISL_712011|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/UT-EMC-69/2020|2020-08-09|EPI_ISL_523546|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/FL-BPHL-0823/2020|2020-06-12|EPI_ISL_514169|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC12519/2020|2020-07-27|EPI_ISL_592014|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MASPHL-00600/2020|2020-05-08|EPI_ISL_693014|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/UN-UW-7428/2020|2020-04-14|EPI_ISL_576509|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LEED-2A984B/2020|2020-04-16|EPI_ISL_538879|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0736/2020|2020-06-17|EPI_ISL_526857|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/AZ-TG280801/2020|2020-04-18|EPI_ISL_694155|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Norway/2806/2020|2020-06-26|EPI_ISL_493371|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/201780590/2020|2020-04-22|EPI_ISL_526758|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/Japan/PG-5033/2020|2020-07-00|EPI_ISL_690144|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-15E0B7/2020|2020-05-13|EPI_ISL_472792|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012437468/2020|2020-08-03|EPI_ISL_745757|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LCST-24D7080/2020|2020-06-06|EPI_ISL_478359|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Gibraltar/204421210/2020|2020-10-27|EPI_ISL_613671|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUA-9E4BDB/2020|2020-09-22|EPI_ISL_579838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3362/2020|2020-07-06|EPI_ISL_521041|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC12688/2020|2020-07-27|EPI_ISL_640922|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-E6E8E/2020|2020-04-18|EPI_ISL_448985|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-DB30B4/2020|2020-10-30|EPI_ISL_651265|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Chile/LI-ISPCH-9/2020|2020-03-23|EPI_ISL_445300|Original|hCoV-19^^O'Higgins|Human|HOSPITAL DE RANCAGUA|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Wales/MILK-A069E7/2020|2020-10-01|EPI_ISL_600088|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9A45A/2020|2020-03-28|EPI_ISL_449333|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-A8F67/2020|2020-03-26|EPI_ISL_517237|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AE00033/2020|2020-05-05|EPI_ISL_708725|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/Australia/VIC15756/2020|2020-08-04|EPI_ISL_593443|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/GCVR-173D3D/2020|2020-04-07|EPI_ISL_459122|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96F4CE/2020|2020-08-17|EPI_ISL_530409|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/CVL-9469/2020|2020-10-19|EPI_ISL_614288|Original|hCoV-19^^Centre-Val de Loire|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Wales/QEUA-B13658/2020|2020-11-01|EPI_ISL_647863|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_66/2020|2020-06-06|EPI_ISL_645065|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/England/20130050804/2020|2020-03-21|EPI_ISL_423622|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S1172/2020|2020-04-29|EPI_ISL_463662|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/LIVE-A1D73/2020|2020-06-15|EPI_ISL_490367|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8742871/2020|2020-04-13|EPI_ISL_434489|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-BB9496/2020|2020-11-20|EPI_ISL_703149|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-110505/2020|2020-04-07|EPI_ISL_451911|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-NYCPHL-000208/2020|2020-04-19|EPI_ISL_631741|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/CAMC-990AC2/2020|2020-08-26|EPI_ISL_568461|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1096-SAN/2020|2020-06-18|EPI_ISL_483523|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/OXON-AFC4B/2020|2020-04-08|EPI_ISL_478815|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-MSK-6F/2020|2020-05-19|EPI_ISL_583449|Original|hCoV-19^^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-210051/2020|2020-07-19|EPI_ISL_510788|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-UM-2006S000981/2020|2020-03-29|EPI_ISL_484782|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-3468/2020|2020-10-01|EPI_ISL_640133|Original|hCoV-19^^Western Cape|Human|Groote Schuur Hospital wv GSH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/NM-NMDOH-2020242040/2020|2020-07-22|EPI_ISL_510887|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/WA-S2594/2020|2020-06-18|EPI_ISL_497226|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/DRC/11583/2020|2020-05-25|EPI_ISL_527542|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/20190038701/2020|2020-04-28|EPI_ISL_465584|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/United Arab Emirates/L2185/2020|2020-03-12|EPI_ISL_435130|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-2C1FC/2020|2020-04-04|EPI_ISL_474291|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A196C/2020|2020-12-11|EPI_ISL_743751|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-S854/2020|2020-04-11|EPI_ISL_586459|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUA-A335ED/2020|2020-10-05|EPI_ISL_628396|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0471/2020|2020-04-02|EPI_ISL_495377|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-7858/2020|2020-07-00|EPI_ISL_686959|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-18670/2020|2020-12-07|EPI_ISL_750115|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204600401/2020|2020-11-06|EPI_ISL_700641|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR5713/2020|2020-11-09|EPI_ISL_651929|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-BAA28F/2020|2020-11-17|EPI_ISL_783174|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C1172/2020|2020-04-19|EPI_ISL_457851|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/BRIS-12A98C/2020|2020-04-29|EPI_ISL_458338|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D6FAC/2020|2020-04-03|EPI_ISL_478447|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/BRIS-185307C/2020|2020-04-18|EPI_ISL_492236|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-934/2020|2020-04-15|EPI_ISL_545926|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-5956/2020|2020-06-19|EPI_ISL_547120|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KDCA0075/2020|2020-09-29|EPI_ISL_747316|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Turkey/IST-GLAB-242/2020|2020-05-16|EPI_ISL_735434|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/CAMB-7A292/2020|2020-04-01|EPI_ISL_441304|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-9DD10/2020|2020-04-30|EPI_ISL_449623|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B070/2020|2020-11-01|EPI_ISL_645695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20128014404/2020|2020-03-19|EPI_ISL_423938|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-CDC-9782/2020|2020-05-06|EPI_ISL_509709|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/NY-Wadsworth-292793-01/2020|2020-12-23|EPI_ISL_769959|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-559C3C/2020|2020-06-10|EPI_ISL_558301|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUH-AE2F94/2020|2020-10-28|EPI_ISL_647876|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-MPB62435/2020|2020-04-11|EPI_ISL_767789|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/India/MH-ACTREC-573/2020|2020-08-31|EPI_ISL_700217|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUEH-B2F5C5/2020|2020-11-04|EPI_ISL_659858|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005080/2020|2020-04-22|EPI_ISL_510363|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Netherlands/NB-RIVM-20579/2020|2020-12-12|EPI_ISL_790663|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM) |Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-5CA97B/2020|2020-06-19|EPI_ISL_558604|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4883B8/2020|2020-10-30|EPI_ISL_639388|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Finland/10A21S14/2020|2020-04-10|EPI_ISL_481521|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Japan/PG-1044/2020|2020-04-00|EPI_ISL_684654|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-C32EE1/2020|2020-12-11|EPI_ISL_734130|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL142/2020|2020-03-23|EPI_ISL_476899|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20081/2020|2020-11-13|EPI_ISL_723260|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM) |Meijer|Netherlands

>Spike|hCoV-19/England/CAMC-9491A5/2020|2020-07-15|EPI_ISL_556766|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2B31A/2020|2020-11-03|EPI_ISL_646778|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21496/2020|2020-07-30|EPI_ISL_516223|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-BD235E/2020|2020-11-27|EPI_ISL_702346|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3837/2020|2020-07-10|EPI_ISL_520550|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1443/2020|2020-05-21|EPI_ISL_495893|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Sweden/20-50100/2020|2020-03-03|EPI_ISL_455853|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/GCVR-16FC91/2020|2020-03-21|EPI_ISL_632247|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre|MRC-University of Glasgow Centre for Virus Research|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-CC08EA/2020|2020-12-19|EPI_ISL_760370|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20168166/2020|2020-12-18|EPI_ISL_766788|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/LA-EVTL316/2020|2020-05-15|EPI_ISL_578723|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-Wadsworth-192897-01/2020|2020-07-08|EPI_ISL_676713|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-B05E06/2020|2020-10-23|EPI_ISL_642866|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17329/2020|2020-12-14|EPI_ISL_750911|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8991/2020|2020-07-02|EPI_ISL_780877|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Senegal/64771/2020|2020-06-13|EPI_ISL_482874|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/ALDP-954541/2020|2020-06-09|EPI_ISL_555364|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6117/2020|2020-09-21|EPI_ISL_621151|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC17546/2020|2020-08-24|EPI_ISL_663917|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-944BAC/2020|2020-06-07|EPI_ISL_555661|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0754B/2020|2020-10-30|EPI_ISL_643782|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/BAS-UniMI-2627/2020|2020-03-20|EPI_ISL_477198|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/England/QEUA-B9EBA1/2020|2020-11-18|EPI_ISL_719697|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3790/2020|2020-07-11|EPI_ISL_520507|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21157/2020|2020-03-28|EPI_ISL_507933|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC7656/2020|2020-08-11|EPI_ISL_564556|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B0FB9C/2020|2020-11-02|EPI_ISL_641961|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1183/2020|2020-06-16|EPI_ISL_631645|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMB-1ABEDF/2020|2020-00-00|EPI_ISL_444343|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/Donner6/2020|2020-04-06|EPI_ISL_438951|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/Netherlands/NH-RIVM-20053/2020|2020-11-05|EPI_ISL_723237|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/NY-NYUMC529/2020|2020-03-29|EPI_ISL_444646|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-16326E/2020|2020-05-27|EPI_ISL_473269|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-762/2020|2020-03-09|EPI_ISL_614772|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-163D4F/2020|2020-05-06|EPI_ISL_474075|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5885/2020|2020-10-05|EPI_ISL_620150|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12DFD2/2020|2020-04-20|EPI_ISL_481999|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW212/2020|2020-03-21|EPI_ISL_427671|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Poland/PL_MCB_28/2020|2020-05-12|EPI_ISL_645027|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/India/TG-CDFD-C3625/2020|2020-06-20|EPI_ISL_528598|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Scotland/GCVR-173DA6/2020|2020-04-06|EPI_ISL_459160|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75C20/2020|2020-03-28|EPI_ISL_438503|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-BCE531/2020|2020-11-26|EPI_ISL_704251|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1997/2020|2020-04-00|EPI_ISL_685602|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-71B09/2020|2020-03-31|EPI_ISL_439950|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-4784/2020|2020-08-00|EPI_ISL_689631|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-B827D9/2020|2020-11-14|EPI_ISL_661846|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A699F1/2020|2020-10-08|EPI_ISL_665857|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Belgium/regA-0409683/2020|2020-04-09|EPI_ISL_738209|Original|hCoV-19^^Brussel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-B3244A/2020|2020-11-05|EPI_ISL_659205|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2AA419/2020|2020-03-30|EPI_ISL_538789|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3210/2020|2020-04-01|EPI_ISL_579495|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Canada/ON-PHL-20-02301/2020|2020-09-00|EPI_ISL_671558|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-B8F94F/2020|2020-11-13|EPI_ISL_674615|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1231/2020|2020-04-04|EPI_ISL_579626|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Iceland/40/2020|2020-03-04|EPI_ISL_417846|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Netherlands/UT-EMC-157/2020|2020-10-30|EPI_ISL_722580|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Bermuda/204990923/2020|2020-11-10|EPI_ISL_780393|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Spike|hCoV-19/Italy/ABR-IZSGC-TE6222/2020|2020-03-23|EPI_ISL_420583|Original|hCoV-19^^Abruzzo|Human|Ospedale Civile Giuseppe Mazzini|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/England/ALDP-5AF226/2020|2020-06-17|EPI_ISL_558700|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6371/2020|2020-08-00|EPI_ISL_689482|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB2445/2020|2020-04-22|EPI_ISL_439209|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17018F/2020|2020-03-24|EPI_ISL_459536|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9B35/2020|2020-03-24|EPI_ISL_517326|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3148/2020|2020-06-10|EPI_ISL_544027|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16CC2B/2020|2020-09-25|EPI_ISL_572754|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F917889/2020|2020-03-25|EPI_ISL_583246|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Scotland/CVR2781/2020|2020-04-20|EPI_ISL_473562|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21780/2020|2020-08-13|EPI_ISL_529898|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-NYUMC35/2020|2020-03-18|EPI_ISL_419696|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/QEUEH-B822E7/2020|2020-11-14|EPI_ISL_661915|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB404/2020|2020-03-31|EPI_ISL_491689|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-123/2020|2020-10-14|EPI_ISL_632343|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/IB-IBV-99011592/2020|2020-12-13|EPI_ISL_779911|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-2500/2020|2020-08-10|EPI_ISL_617771|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22591/2020|2020-11-19|EPI_ISL_737164|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-C581CE/2020|2020-12-13|EPI_ISL_735962|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-321479/2020|2020-10-15|EPI_ISL_603691|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-138/2020|2020-06-18|EPI_ISL_480424|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Bangladesh Council of Scientific and Industrial Research|Khan|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-20398/2020|2020-12-21|EPI_ISL_758837|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-A63FAA/2020|2020-10-12|EPI_ISL_628679|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/GSTT-265DF74/2020|2020-03-29|EPI_ISL_484130|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/BRIS-130D69/2020|2020-03-23|EPI_ISL_501572|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15882/2020|2020-07-10|EPI_ISL_785566|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AK-PHL689/2020|2020-06-29|EPI_ISL_586256|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/ALDP-B1B5AE/2020|2020-11-01|EPI_ISL_645823|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F64F9/2020|2020-09-24|EPI_ISL_588389|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14691/2020|2020-11-23|EPI_ISL_711912|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5809/2020|2020-06-30|EPI_ISL_547031|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-CA7254/2020|2020-12-18|EPI_ISL_761636|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-004914/2020|2020-03-11|EPI_ISL_481066|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-C48598/2020|2020-12-12|EPI_ISL_736526|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FA46E/2020|2020-09-28|EPI_ISL_588272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491468/2020|2020-06-18|EPI_ISL_695103|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUEH-9CF67B/2020|2020-09-17|EPI_ISL_601989|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl591/2020|2020-03-16|EPI_ISL_776063|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/VIC3261/2020|2020-07-13|EPI_ISL_520940|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/BY-MVP-0099/2020|2020-04-05|EPI_ISL_437290|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/South Africa/KRISP-K002163/2020|2020-07-22|EPI_ISL_515569|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-1282/2020|2020-03-16|EPI_ISL_620145|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0613/2020|2020-05-15|EPI_ISL_698769|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/CVR4560/2020|2020-09-22|EPI_ISL_585418|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18501/2020|2020-12-07|EPI_ISL_750004|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-1627CA/2020|2020-05-17|EPI_ISL_473121|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A20334/2020|2020-10-01|EPI_ISL_587614|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7E58/2020|2020-10-14|EPI_ISL_638376|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1610/2020|2020-04-28|EPI_ISL_530206|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/NSW1313/2020|2020-12-21|EPI_ISL_767879|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-1083/2020|2020-04-23|EPI_ISL_542524|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20156044904/2020|2020-04-08|EPI_ISL_466320|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3808/2020|2020-05-27|EPI_ISL_636214|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-18063/2020|2020-12-14|EPI_ISL_749733|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/G-66/2020|2020-04-07|EPI_ISL_600567|Original|hCoV-19^^Dhaka|Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19/Scotland/QEUH-9E5378/2020|2020-09-24|EPI_ISL_600988|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16664/2020|2020-11-16|EPI_ISL_714902|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10153/2020|2020-11-09|EPI_ISL_669423|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0342/2020|2020-12-19|EPI_ISL_733536|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/TX-HMH-MCoV-8962/2020|2020-07-02|EPI_ISL_780862|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B6829C/2020|2020-11-11|EPI_ISL_661401|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L26-CD566/2020|2020-04-22|EPI_ISL_672740|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo (HC-FMUSP)|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/England/NORT-28952C/2020|2020-03-30|EPI_ISL_453503|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49CAAD/2020|2020-12-04|EPI_ISL_742641|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/GE-HUG-1736/2020|2020-03-21|EPI_ISL_429203|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-4825/2020|2020-10-28|EPI_ISL_730163|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NOTT-111F2C/2020|2020-05-04|EPI_ISL_472425|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/CVR3839/2020|2020-04-03|EPI_ISL_473779|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0121983/2020|2020-10-30|EPI_ISL_739718|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-DSHS-1188/2020|2020-06-27|EPI_ISL_631650|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/BIRM-61410/2020|2020-04-29|EPI_ISL_477768|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/AK-PHL844/2020|2020-07-04|EPI_ISL_528530|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/England/CAMB-83FBD/2020|2020-04-22|EPI_ISL_438718|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26684458/2020|2020-04-04|EPI_ISL_485279|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/CAMC-C985C6/2020|2020-12-18|EPI_ISL_777434|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-300423/2020|2020-09-29|EPI_ISL_603381|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Israel/2099251/2020|2020-04-02|EPI_ISL_447355|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/USA/LA-EVTL169/2020|2020-05-11|EPI_ISL_574304|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/CVR2105/2020|2020-04-10|EPI_ISL_493770|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-990260/2020|2020-08-29|EPI_ISL_530355|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5918/2020|2020-04-30|EPI_ISL_487690|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2850/2020|2020-07-23|EPI_ISL_635712|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-48C2B7/2020|2020-11-05|EPI_ISL_666413|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C870/2020|2020-12-10|EPI_ISL_731669|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26492436/2020|2020-04-28|EPI_ISL_485873|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/QEUA-9F55BB/2020|2020-09-25|EPI_ISL_588699|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-24330/2020|2020-10-06|EPI_ISL_660901|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-9BDD5D/2020|2020-09-09|EPI_ISL_568126|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12280F/2020|2020-04-04|EPI_ISL_440711|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/20149042504/2020|2020-04-02|EPI_ISL_466193|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-28C705/2020|2020-05-15|EPI_ISL_469310|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10402/2020|2020-08-12|EPI_ISL_562902|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16038C/2020|2020-05-20|EPI_ISL_472924|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S125/2020|2020-03-13|EPI_ISL_430162|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Turkey/IST-GLAB-179/2020|2020-05-04|EPI_ISL_480269|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Bermuda/204990916/2020|2020-10-31|EPI_ISL_780386|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Spike|hCoV-19/Austria/CeMM0903/2020|2020-03-31|EPI_ISL_583756|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/MD-MDH-0125/2020|2020-05-29|EPI_ISL_529167|Original|hCoV-19^^Maryland|Human|Maryland Department of Health Laboratory|Maryland Department of Health Laboratory|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-10841/2020|2020-11-02|EPI_ISL_670247|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20853/2020|2020-04-29|EPI_ISL_471874|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-997DC2/2020|2020-08-24|EPI_ISL_537149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2139/2020|2020-05-00|EPI_ISL_685744|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20108125106/2020|2020-03-04|EPI_ISL_417259|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201009153/2020|2020-04-18|EPI_ISL_594103|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MI-UM-10035685254/2020|2020-08-27|EPI_ISL_583253|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUEH-8AF5DF/2020|2020-07-24|EPI_ISL_532701|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A4A2E/2020|2020-03-11|EPI_ISL_500063|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20266/2020|2020-11-30|EPI_ISL_748084|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/ALAB-SSI412A/2020|2020-03-23|EPI_ISL_429508|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/ALDP-AA1DA6/2020|2020-10-22|EPI_ISL_625084|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2347FD/2020|2020-10-06|EPI_ISL_680436|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Brazil/PR-5617/2020|2020-03-17|EPI_ISL_541340|Original|hCoV-19^^Paran\u00e1|Human|LACEN/PR|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/TX-HMH-2515/2020|2020-06-04|EPI_ISL_545351|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-5776/2020|2020-04-07|EPI_ISL_570077|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-836A9/2020|2020-04-14|EPI_ISL_443523|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORT-281348/2020|2020-03-12|EPI_ISL_488771|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10599/2020|2020-08-03|EPI_ISL_562980|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-4765/2020|2020-09-21|EPI_ISL_621375|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-72821/2020|2020-05-23|EPI_ISL_746781|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Japan/PG-2269/2020|2020-04-00|EPI_ISL_685874|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/SC-DHEC-1142/2020|2020-07-10|EPI_ISL_574563|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/USA/FL-BPHL-1999/2020|2020-05-15|EPI_ISL_653152|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-QDX-1633/2020|2020-03-18|EPI_ISL_603909|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NORT-291CD1/2020|2020-05-11|EPI_ISL_489128|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20194136904/2020|2020-05-05|EPI_ISL_465619|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/KA-IB44/2020|2020-06-15|EPI_ISL_508323|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Denmark/DCGC-18410/2020|2020-12-07|EPI_ISL_749950|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-CDC-2-3693568/2020|2020-11-17|EPI_ISL_747165|Original|hCoV-19^^Oregon|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/MILK-57A154/2020|2020-06-11|EPI_ISL_558292|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001382/2020|2020-11-17|EPI_ISL_683934|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Thailand/Nonthaburi_3478/2020|2020-03-20|EPI_ISL_455592|Vero P1|hCoV-19^^Nonthaburi|Human|National Institute of Health. Department of medical Sciences|National Institute of Health. Department of medical Sciences|Phuygun|Thailand

>Spike|hCoV-19/Australia/QLD1050/2020|2020-09-06|EPI_ISL_576137|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Japan/PG-5724/2020|2020-07-00|EPI_ISL_688846|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-6353/2020|2020-09-21|EPI_ISL_622298|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL650/2020|2020-08-06|EPI_ISL_579054|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-9BED3E/2020|2020-09-09|EPI_ISL_567990|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2239/2020|2020-06-24|EPI_ISL_563981|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-1420/2020|2020-03-17|EPI_ISL_468393|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/NM-NMDOH-2020324382/2020|2020-09-02|EPI_ISL_632830|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/QEUH-9B8174/2020|2020-09-04|EPI_ISL_590626|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-E16/2020|2020-05-09|EPI_ISL_593496|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/NOTT-11328B/2020|2020-09-13|EPI_ISL_540717|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC2840/2020|2020-07-02|EPI_ISL_521671|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48F21E/2020|2020-11-07|EPI_ISL_681061|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-41904-01/2020|2020-04-08|EPI_ISL_525660|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Denmark/DCGC-21366/2020|2020-12-21|EPI_ISL_757722|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000499/2020|2020-04-07|EPI_ISL_631960|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CA-LACPHL-AD00003/2020|2020-04-17|EPI_ISL_707693|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/Denmark/DCGC-7910/2020|2020-10-26|EPI_ISL_618864|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS4978035/2020|2020-10-25|EPI_ISL_744166|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B47EEA/2020|2020-11-07|EPI_ISL_649363|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB59B9/2020|2020-11-20|EPI_ISL_702931|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DB8A/2020|2020-10-05|EPI_ISL_586925|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-ISPCH-72/2020|2020-03-22|EPI_ISL_445368|Original|hCoV-19^^Region Metropolitana de Santiago|Human|HOSPITAL DEL PROFESOR|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Denmark/DCGC-13701/2020|2020-11-30|EPI_ISL_712197|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9CA546/2020|2020-09-10|EPI_ISL_567491|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1171/2020|2020-05-18|EPI_ISL_476756|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/SHEF-10D0A08/2020|2020-12-01|EPI_ISL_742026|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-235291/2020|2020-10-16|EPI_ISL_763405|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/UT-03027/2020|2020-05-01|EPI_ISL_522299|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR617/2020|2020-03-25|EPI_ISL_439090|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-961954/2020|2020-08-01|EPI_ISL_537025|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-120C41/2020|2020-12-12|EPI_ISL_725658|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-5168/2020|2020-08-00|EPI_ISL_690271|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/VEN-IZSve-37-4/2020|2020-04-06|EPI_ISL_636473|Original|hCoV-19^^Veneto|Human|ULSS6 Piove di Sacco|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/Australia/VIC3877/2020|2020-07-13|EPI_ISL_520590|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-13110/2020|2020-10-27|EPI_ISL_672422|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14833/2020|2020-10-13|EPI_ISL_786317|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17587/2020|2020-12-14|EPI_ISL_751087|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3313/2020|2020-04-00|EPI_ISL_691428|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B0FF3/2020|2020-04-12|EPI_ISL_478986|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Italy/VEN-IZSve-20RS2163-6/2020|2020-11-23|EPI_ISL_747475|Original|hCoV-19^^Veneto|Human|ULSS9 Distretto di Bussolengo|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/20129023104/2020|2020-03-19|EPI_ISL_424015|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/France/PDL-SC630/2020|2020-04-02|EPI_ISL_663271|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/NY-Wadsworth-97827-01/2020|2020-05-13|EPI_ISL_676927|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_145/2020|2020-04-19|EPI_ISL_461318|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-AD202B/2020|2020-10-26|EPI_ISL_634161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F07B/2020|2020-11-26|EPI_ISL_743161|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-111/2020|2020-03-13|EPI_ISL_468563|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-1954/2020|2020-07-20|EPI_ISL_618328|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-9863/2020|2020-07-06|EPI_ISL_780311|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16F235/2020|2020-10-04|EPI_ISL_585933|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/WB-S46/2020|2020-05-03|EPI_ISL_455667|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/20144051704/2020|2020-03-31|EPI_ISL_421952|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB212/2020|2020-03-26|EPI_ISL_425943|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14350/2020|2020-07-16|EPI_ISL_739084|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/EXET-135960/2020|2020-04-22|EPI_ISL_478277|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC6106/2020|2020-07-13|EPI_ISL_518127|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG666107/2020|2020-03-26|EPI_ISL_696197|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-840AA/2020|2020-04-26|EPI_ISL_438732|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-BC1774/2020|2020-11-22|EPI_ISL_704060|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/MILK-9C2247/2020|2020-09-11|EPI_ISL_566636|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-SC508/2020|2020-04-22|EPI_ISL_660699|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-16D668/2020|2020-09-25|EPI_ISL_577426|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-46903-01/2020|2020-04-14|EPI_ISL_676695|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/South Africa/KRISP-0502/2020|2020-07-11|EPI_ISL_498070|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-4800E6/2020|2020-10-08|EPI_ISL_612851|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10810/2020|2020-07-05|EPI_ISL_789637|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0822/2020|2020-04-00|EPI_ISL_684432|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/BRE-IPP9954/2020|2020-09-20|EPI_ISL_693762|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-BB3DEC/2020|2020-11-20|EPI_ISL_701695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S738/2020|2020-04-09|EPI_ISL_586431|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CAMB-815CC/2020|2020-04-11|EPI_ISL_443033|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Indonesia/JK-NIHRD-MI52885/2020|2020-08-20|EPI_ISL_538505|Original|hCoV-19^^Jakarta|Human|National Institute of Health Research and Development|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/England/MILK-4BEC72/2020|2020-06-04|EPI_ISL_559166|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-325/2020|2020-06-24|EPI_ISL_523666|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-7318D/2020|2020-03-22|EPI_ISL_440283|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24EA2/2020|2020-03-22|EPI_ISL_420953|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB2597/2020|2020-04-24|EPI_ISL_439236|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Singapore/1369/2020|2020-06-29|EPI_ISL_648721|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Denmark/DCGC-9971/2020|2020-11-09|EPI_ISL_669302|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Mexico/BCN-ALSR-4924/2020|2020-08-20|EPI_ISL_730214|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/England/QEUH-9DDCA5/2020|2020-09-21|EPI_ISL_599610|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494B0C/2020|2020-11-21|EPI_ISL_726218|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-84945/2020|2020-03-07|EPI_ISL_440535|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-9B84E4/2020|2020-09-10|EPI_ISL_549721|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D13DF/2020|2020-12-20|EPI_ISL_742033|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD7F0/2020|2020-05-04|EPI_ISL_448012|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-1732/2020|2020-04-00|EPI_ISL_685338|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-1509/2020|2020-07-24|EPI_ISL_568607|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BRIS-124B13/2020|2020-03-26|EPI_ISL_444021|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Korea/BA-ACH_2718/2020|2020-02-29|EPI_ISL_420800|Original|hCoV-19^^South Korea|Human|Brian D. Allgood Army Community Hospital|Pathogen Discovery|Queen|South Korea

>Spike|hCoV-19/USA/TX-DSHS-1505/2020|2020-06-22|EPI_ISL_683420|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-CDPH237/2020|2020-11-15|EPI_ISL_755083|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/CAMC-BFB3F5/2020|2020-12-04|EPI_ISL_709101|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0950/2020|2020-07-07|EPI_ISL_517840|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-3516/2020|2020-06-15|EPI_ISL_544216|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC9642/2020|2020-08-21|EPI_ISL_565635|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB4561/2020|2020-05-06|EPI_ISL_493906|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00218534/2020|2020-03-14|EPI_ISL_535784|Original|hCoV-19^^Quebec|Human|CHUL-LABO MULTI / MICRO|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-B8F61B/2020|2020-11-13|EPI_ISL_674577|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC7EE0/2020|2020-11-16|EPI_ISL_703577|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/regal-10191301/2020|2020-10-19|EPI_ISL_735204|Original|hCoV-19^^Kortenberg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/ALDP-C3A6B4/2020|2020-12-09|EPI_ISL_767259|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B10B5C/2020|2020-11-02|EPI_ISL_642701|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir3053/2020|2020-03-20|EPI_ISL_729523|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-B8F4B7/2020|2020-11-13|EPI_ISL_674697|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-004112/2020|2020-05-24|EPI_ISL_510056|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/BRIS-13025B/2020|2020-04-11|EPI_ISL_492555|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8884/2020|2020-08-00|EPI_ISL_686430|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-QDX-389/2020|2020-03-23|EPI_ISL_571130|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Russia/PRI-RII-MH892S/2020|2020-08-02|EPI_ISL_733019|Original|hCoV-19^^Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Iceland/103/2020|2020-03-10|EPI_ISL_417698|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/UT-QDX-2117/2020|2020-03-11|EPI_ISL_604493|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20104013904/2020|2020-03-02|EPI_ISL_464329|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/RS-15286/2020|2020-08-14|EPI_ISL_729803|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Wales/ALDP-B1CA08/2020|2020-11-01|EPI_ISL_723522|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-C3AEE9/2020|2020-12-09|EPI_ISL_730663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4EFB/2020|2020-10-22|EPI_ISL_630709|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13F3E0/2020|2020-12-16|EPI_ISL_763387|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA359/2020|2020-04-16|EPI_ISL_443517|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Guadeloupe/IPG-7323/2020|2020-03-15|EPI_ISL_613423|Original|hCoV-19^^Saint-Fran\u00e7ois|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spike|hCoV-19/USA/LA-EVTL772/2020|2020-07-21|EPI_ISL_653463|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-22367/2020|2020-12-14|EPI_ISL_757518|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CT-Yale-043/2020|2020-03-19|EPI_ISL_420098|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/20129105304/2020|2020-03-13|EPI_ISL_424089|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-CB97F/2020|2020-10-16|EPI_ISL_611920|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH1634S/2020|2020-09-11|EPI_ISL_596304|Original|hCoV-19^^Sverdlovsk|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-7053/2020|2020-10-12|EPI_ISL_619902|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-BC4BB1/2020|2020-11-25|EPI_ISL_703857|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAFC13/2020|2020-11-17|EPI_ISL_720472|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A8C14B/2020|2020-10-16|EPI_ISL_643097|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7DD9E/2020|2020-04-07|EPI_ISL_470491|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-95ECD9/2020|2020-08-06|EPI_ISL_532457|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6708/2020|2020-05-05|EPI_ISL_507194|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-A23C36/2020|2020-10-03|EPI_ISL_595109|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201105786/2020|2020-05-13|EPI_ISL_628968|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-9DBD59/2020|2020-09-21|EPI_ISL_601483|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100021102/2020|2020-11-21|EPI_ISL_771327|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-2B209/2020|2020-04-08|EPI_ISL_432038|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-BAB673/2020|2020-11-18|EPI_ISL_783260|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A95F36/2020|2020-10-19|EPI_ISL_624654|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3197/2020|2020-04-00|EPI_ISL_691317|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Malaysia/UNIMAS-15762/2020|2020-11-10|EPI_ISL_718183|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/England/CAMC-B09743/2020|2020-10-29|EPI_ISL_673041|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2018/2020|2020-11-18|EPI_ISL_732237|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/ME-HETL-J0009/2020|2020-03-14|EPI_ISL_513422|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/WI-UW-2439/2020|2020-12-15|EPI_ISL_754646|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Wales/PHWC-49E540/2020|2020-12-07|EPI_ISL_743013|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A826E/2020|2020-03-26|EPI_ISL_517136|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1445/2020|2020-03-30|EPI_ISL_468411|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Colombia/HUI-GVI-97875/2020|2020-04-04|EPI_ISL_447807|Original|hCoV-19^^Huila|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9drez|Colombia

>Spike|hCoV-19/Denmark/DCGC-2866/2020|2020-08-17|EPI_ISL_616560|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B7EA13/2020|2020-11-14|EPI_ISL_667918|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5D58DA/2020|2020-06-21|EPI_ISL_558510|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE4B34/2020|2020-10-27|EPI_ISL_633152|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-206/2020|2020-04-09|EPI_ISL_602480|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/South Korea/KCDC2234/2020|2020-05-08|EPI_ISL_510572|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-A2DE90/2020|2020-10-05|EPI_ISL_586911|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-361D1/2020|2020-04-28|EPI_ISL_474633|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-96B94B/2020|2020-08-16|EPI_ISL_531454|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0617-SAN/2020|2020-04-06|EPI_ISL_483261|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-BD15B3/2020|2020-11-27|EPI_ISL_702052|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5584/2020|2020-06-23|EPI_ISL_544880|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B24162/2020|2020-11-04|EPI_ISL_646169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3188/2020|2020-04-06|EPI_ISL_488919|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72DD5/2020|2020-03-23|EPI_ISL_440011|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-124C6F2/2020|2020-00-00|EPI_ISL_490425|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/CAMB-7AE07/2020|2020-04-09|EPI_ISL_433880|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-7293/2020|2020-08-00|EPI_ISL_688396|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Equatorial Guinea/13205/2020|2020-06-01|EPI_ISL_648356|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/England/ALDP-9C5305/2020|2020-09-10|EPI_ISL_567745|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14697/2020|2020-11-17|EPI_ISL_739350|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/India/TG-NGC-CDFD-29/2020|2020-05-30|EPI_ISL_466867|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/USA/NY-NYCPHL-000869/2020|2020-03-25|EPI_ISL_632942|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/BIRM-5F7B2/2020|2020-05-11|EPI_ISL_473331|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/DRC/214/2020|2020-03-21|EPI_ISL_420030|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-HMH-2752/2020|2020-06-05|EPI_ISL_545528|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hungary/US-568w/2020|2020-03-29|EPI_ISL_477625|Original|hCoV-19^^B\u00e9cs-Kiskun County|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/CAMC-AB1453/2020|2020-10-23|EPI_ISL_623700|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV35456/2020|2020-06-10|EPI_ISL_481196|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/MILK-B8876A/2020|2020-11-13|EPI_ISL_674410|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22058/2020|2020-11-02|EPI_ISL_645828|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CF1367/2020|2020-12-17|EPI_ISL_781993|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/912/2020|2020-08-28|EPI_ISL_536453|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/205261890/2020|2020-12-06|EPI_ISL_766567|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-10D5DA0/2020|2020-12-14|EPI_ISL_727974|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NOTT-1117E8/2020|2020-05-21|EPI_ISL_461926|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13025/2020|2020-05-11|EPI_ISL_672308|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/EDB2262/2020|2020-04-21|EPI_ISL_491682|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB348/2020|2020-03-29|EPI_ISL_425977|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0A82/2020|2020-10-22|EPI_ISL_625018|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1BA45/2020|2020-11-01|EPI_ISL_645727|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-83ECF/2020|2020-04-26|EPI_ISL_438706|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1084/2020|2020-06-03|EPI_ISL_470764|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUEH-B6C034/2020|2020-11-11|EPI_ISL_654965|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2136/2020|2020-10-14|EPI_ISL_677540|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Korea/KCDC2143/2020|2020-03-22|EPI_ISL_498044|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-AF0A29/2020|2020-10-29|EPI_ISL_662741|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CEC36F/2020|2020-12-21|EPI_ISL_781324|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12067/2020|2020-09-19|EPI_ISL_790189|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/RJ-2377/2020|2020-04-20|EPI_ISL_541361|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Iceland/197/2020|2020-03-16|EPI_ISL_417742|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Oman/205028718/2020|2020-04-12|EPI_ISL_457702|Original|hCoV-19^^Muscat|Human|Oman-NIC|Microbiology laboratory- Sultan Qaboos University Hospital|AL Zadjali|Oman

>Spike|hCoV-19/Switzerland/VD-ETHZ-321384/2020|2020-10-13|EPI_ISL_603627|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-15946/2020|2020-07-10|EPI_ISL_785630|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B20EAB/2020|2020-11-02|EPI_ISL_647676|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8D64A/2020|2020-11-13|EPI_ISL_673903|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S357/2020|2020-03-30|EPI_ISL_586405|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/WI-WSLH-200168/2020|2020-03-31|EPI_ISL_578394|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUA-961286/2020|2020-08-02|EPI_ISL_531940|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCA3D/2020|2020-10-01|EPI_ISL_587856|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14780/2020|2020-10-13|EPI_ISL_786265|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-646/2020|2020-09-27|EPI_ISL_578074|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-11344/2020|2020-11-02|EPI_ISL_670853|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-9F3FCE/2020|2020-09-24|EPI_ISL_600777|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26CE2/2020|2020-03-29|EPI_ISL_422161|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98008141/2020|2020-10-13|EPI_ISL_654464|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/NA_687/2020|2020-04-07|EPI_ISL_461122|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-B11E52/2020|2020-11-02|EPI_ISL_642468|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00243328/2020|2020-03-30|EPI_ISL_536358|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/QEUA-95E3C5/2020|2020-08-10|EPI_ISL_537004|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48081B/2020|2020-10-22|EPI_ISL_612936|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14149/2020|2020-10-17|EPI_ISL_738707|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/QEUA-A1F5F6/2020|2020-10-01|EPI_ISL_598997|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7754/2020|2020-04-00|EPI_ISL_686856|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KDCA0277/2020|2020-10-24|EPI_ISL_760071|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/QEUA-C7C249/2020|2020-12-16|EPI_ISL_756702|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0621/2020|2020-05-15|EPI_ISL_698777|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/France/NAQ-SC282/2020|2020-03-31|EPI_ISL_644675|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-15C426/2020|2020-03-27|EPI_ISL_472486|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR65/2020|2020-03-06|EPI_ISL_425796|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR5885/2020|2020-11-16|EPI_ISL_703911|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC18/2020|2020-03-25|EPI_ISL_475627|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/NY-PV09178/2020|2020-03-19|EPI_ISL_422537|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/EXET-1380FF/2020|2020-10-04|EPI_ISL_612381|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl651/2020|2020-03-17|EPI_ISL_775775|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-B08CEB/2020|2020-10-30|EPI_ISL_643886|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1315/2020|2020-03-16|EPI_ISL_422965|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Portugal/PT1872/2020|2020-11-11|EPI_ISL_732091|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-48D3D1/2020|2020-10-25|EPI_ISL_680619|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-QDX-2368/2020|2020-03-18|EPI_ISL_604688|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-48E80E/2020|2020-11-13|EPI_ISL_680916|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-941A66/2020|2020-07-23|EPI_ISL_556835|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CDB50/2020|2020-09-16|EPI_ISL_566254|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5391/2020|2020-09-22|EPI_ISL_651794|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-B7D56E/2020|2020-11-14|EPI_ISL_727827|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-6646/2020|2020-07-00|EPI_ISL_687758|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/EXET-13A88C/2020|2020-11-07|EPI_ISL_664257|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6458/2020|2020-06-27|EPI_ISL_546011|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC223/2020|2020-03-18|EPI_ISL_427518|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-18644/2020|2020-12-07|EPI_ISL_750098|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-9680/2020|2020-11-09|EPI_ISL_669107|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-13E888/2020|2020-00-00|EPI_ISL_724342|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-99D913/2020|2020-08-30|EPI_ISL_550518|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48CF92/2020|2020-11-07|EPI_ISL_666561|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/OCC-52/2020|2020-07-10|EPI_ISL_593867|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|Latour|France

>Spike|hCoV-19/Sweden/20-09862/2020|2020-11-04|EPI_ISL_676490|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/VIC3820/2020|2020-07-11|EPI_ISL_520533|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-EE651/2020|2020-00-00|EPI_ISL_549477|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Chile/RM-157134/2020|2020-08-21|EPI_ISL_746671|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Switzerland/GE-HUG-3655/2020|2020-04-07|EPI_ISL_429222|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/South Korea/KCDC2267/2020|2020-05-14|EPI_ISL_510605|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/MI-MDHHS-SC21300/2020|2020-04-10|EPI_ISL_507555|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-A3E6D0/2020|2020-10-03|EPI_ISL_609565|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0590/2020|2020-05-19|EPI_ISL_698748|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC5833/2020|2020-07-20|EPI_ISL_518627|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20139064404/2020|2020-03-28|EPI_ISL_423351|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC5229/2020|2020-07-20|EPI_ISL_519994|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/Rega-0329238/2020|2020-03-29|EPI_ISL_458208|Original|hCoV-19^^Elsene|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Northern Ireland/QEUH-96206D/2020|2020-08-10|EPI_ISL_531723|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in

Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-4144/2020|2020-07-00|EPI_ISL_692383|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/AZ-TG268917/2020|2020-03-14|EPI_ISL_426519|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA
>Spike|hCoV-19/USA/CA-CZB-3776/2020|2020-06-04|EPI_ISL_548476|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/Italy/ABR-IZSGC-TE99753/2020|2020-07-20|EPI_ISL_529015|Original|hCoV-19^^Abruzzo|Human|Ospedale \Ss. Annunziata\|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy
>Spike|hCoV-19/Wales/PHWC-162636/2020|2020-05-22|EPI_ISL_473100|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Belgium/regal-10191109/2020|2020-10-19|EPI_ISL_735152|Original|hCoV-19^^Bost|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/Switzerland/VD-ETHZ-100846/2020|2020-03-25|EPI_ISL_451793|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/TX-DSHS-1864/2020|2020-06-24|EPI_ISL_745299|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/USA/CA-CZB-15401/2020|2020-11-29|EPI_ISL_739464|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/South Korea/KDCA0140/2020|2020-09-18|EPI_ISL_747375|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea
>Spike|hCoV-19/England/BRIS-1853F9D/2020|2020-04-27|EPI_ISL_492255|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-BB0ACA/2020|2020-11-18|EPI_ISL_720458|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/SP-359/2020|2020-06-17|EPI_ISL_583497|Original|hCoV-19^^S\u00e3o Paulo|Human|Complexo Hospitalar Ouro Verde de Campinas|Instituto Adolfo Lutz|Sacchi|Brazil
>Spike|hCoV-19/USA/UT-UPHL-2008796/2020|2020-05-22|EPI_ISL_524823|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/MILK-BAB048/2020|2020-11-18|EPI_ISL_681494|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-4A92C3/2020|2020-06-09|EPI_ISL_559468|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-1879/2020|2020-05-00|EPI_ISL_685485|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/VA-DCLS-0642/2020|2020-04-11|EPI_ISL_495314|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Scotland/EDB11320/2020|2020-12-24|EPI_ISL_763548|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/USA/IL-UW-478/2020|2020-06-07|EPI_ISL_484853|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/NOTT-11D48B/2020|2020-11-22|EPI_ISL_665930|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-B113EA/2020|2020-11-02|EPI_ISL_642504|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-6197/2020|2020-05-13|EPI_ISL_729829|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/MILK-A46D58/2020|2020-10-06|EPI_ISL_598414|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B5F39/2020|2020-09-15|EPI_ISL_573139|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Russia/VOR-RII-MH3416S/2020|2020-10-07|EPI_ISL_733141|Original|hCoV-19^^Voronezh|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/AR-CDC-4194/2020|2020-07-09|EPI_ISL_509684|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0202/2020|2020-10-15|EPI_ISL_729894|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Denmark/DCGC-17913/2020|2020-12-14|EPI_ISL_749641|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9ECE25/2020|2020-05-05|EPI_ISL_589301|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUA-B812CA/2020|2020-11-14|EPI_ISL_710861|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22149/2020|2020-08-06|EPI_ISL_570631|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B5BA1C/2020|2020-11-08|EPI_ISL_655509|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-H12-R11/2020|2020-03-06|EPI_ISL_530094|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/Poland/PL_P11/2020|2020-04-02|EPI_ISL_451972|Original|hCoV-19^^Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/USA/CT-Yale-318/2020|2020-03-31|EPI_ISL_476546|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/MD-MDH-0353/2020|2020-10-20|EPI_ISL_648292|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-15629/2020|2020-11-23|EPI_ISL_713931|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-693682/2020|2020-07-02|EPI_ISL_551818|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15556/2020|2020-10-26|EPI_ISL_787040|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-QDX-977/2020|2020-03-14|EPI_ISL_571776|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUA-C148C9/2020|2020-12-06|EPI_ISL_710695|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BC4850/2020|2020-11-25|EPI_ISL_703331|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACEED/2020|2020-04-23|EPI_ISL_489390|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1305/2020|2020-08-31|EPI_ISL_536677|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WI-UW-540/2020|2020-06-22|EPI_ISL_484915|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Korea/KDCA0125/2020|2020-10-04|EPI_ISL_747360|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Wales/PHWC-496C16/2020|2020-11-26|EPI_ISL_726703|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A67A1E/2020|2020-10-12|EPI_ISL_630665|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8600/2020|2020-08-00|EPI_ISL_686196|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10228/2020|2020-11-09|EPI_ISL_669845|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8BFF6/2020|2020-11-12|EPI_ISL_674331|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L15-CD263/2020|2020-03-29|EPI_ISL_476258|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/BIRM-654C1/2020|2020-10-06|EPI_ISL_594561|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00142/2020|2020-04-03|EPI_ISL_791614|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Australia/ACT0018/2020|2020-03-21|EPI_ISL_498485|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/PORT-2CFA3A/2020|2020-05-15|EPI_ISL_493617|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC1387/2020|2020-04-14|EPI_ISL_561935|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Costa Rica/INC-0155/2020|2020-09-30|EPI_ISL_769992|Original|hCoV-19^^Alajuela|Human|Hospital Metropolitano|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/England/QEUA-9B9207/2020|2020-09-07|EPI_ISL_549782|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20442/2020|2020-12-15|EPI_ISL_728661|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-B2937/2020|2020-11-18|EPI_ISL_672774|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B4FB09/2020|2020-10-08|EPI_ISL_649368|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MS-CDC-6585/2020|2020-08-22|EPI_ISL_648034|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Italy/CAM-INTPas-4/2020|2020-00-00|EPI_ISL_494756|Original|hCoV-19^^Campania|Human|INT Fondazione Pascale|INT Fondazione Pascale|Rachiglio|Italy

>Spike|hCoV-19/Portugal/PT1561/2020|2020-06-27|EPI_ISL_693572|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/MN-MDH-2032/2020|2020-11-03|EPI_ISL_654713|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Wales/PHWC-164E1E/2020|2020-05-18|EPI_ISL_479386|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20129176304/2020|2020-03-21|EPI_ISL_424158|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/202822186/2020|2020-06-14|EPI_ISL_490242|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12163/2020|2020-06-26|EPI_ISL_570497|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NOTT-116DA5/2020|2020-10-21|EPI_ISL_627668|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC399/2020|2020-03-24|EPI_ISL_426702|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-BDB8CF/2020|2020-11-26|EPI_ISL_709614|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13045/2020|2020-05-15|EPI_ISL_672322|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WA-UW-10485/2020|2020-06-08|EPI_ISL_570321|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NOTT-110AD1/2020|2020-04-30|EPI_ISL_441896|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AB51/2020|2020-12-03|EPI_ISL_727651|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18694/2020|2020-11-22|EPI_ISL_785042|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A85564/2020|2020-10-17|EPI_ISL_610314|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-147/2020|2020-11-12|EPI_ISL_751467|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/USA/TX-HMH-2719/2020|2020-06-06|EPI_ISL_545502|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9C3246/2020|2020-09-10|EPI_ISL_566927|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000907/2020|2020-03-19|EPI_ISL_632968|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-20917/2020|2020-12-21|EPI_ISL_759445|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9CA5EC/2020|2020-09-10|EPI_ISL_567391|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000750/2020|2020-03-08|EPI_ISL_452738|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-964696/2020|2020-08-11|EPI_ISL_536896|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B829E2/2020|2020-11-14|EPI_ISL_675263|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WYPHL004/2020|2020-03-14|EPI_ISL_421346|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/CAMC-AEA749/2020|2020-10-26|EPI_ISL_633363|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C16074/2020|2020-12-06|EPI_ISL_709549|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/203580247/2020|2020-08-27|EPI_ISL_566070|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15008/2020|2020-11-23|EPI_ISL_713576|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/AST-RII-MH4485S/2020|2020-08-26|EPI_ISL_733209|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-CHLA-PLM54586330/2020|2020-11-30|EPI_ISL_753536|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/VIC3120/2020|2020-07-06|EPI_ISL_520827|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9581D0/2020|2020-06-14|EPI_ISL_554712|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-152368-01/2020|2020-06-24|EPI_ISL_676984|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-962B7B/2020|2020-08-10|EPI_ISL_531665|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A06756/2020|2020-10-01|EPI_ISL_599852|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5611/2020|2020-04-14|EPI_ISL_449706|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/FL-EMC-42/2020|2020-10-29|EPI_ISL_722344|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-4606/2020|2020-08-00|EPI_ISL_689743|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-201131371/2020|2020-04-03|EPI_ISL_623172|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NOTT-10F45F/2020|2020-04-02|EPI_ISL_433006|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-ACE0E6/2020|2020-10-22|EPI_ISL_630233|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW673/2020|2020-04-09|EPI_ISL_513316|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/IL-UW-665/2020|2020-06-27|EPI_ISL_491310|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-3280/2020|2020-03-00|EPI_ISL_691395|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR1062/2020|2020-03-29|EPI_ISL_433503|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB7750/2020|2020-09-10|EPI_ISL_540888|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5734/2020|2020-06-30|EPI_ISL_546975|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/HI-H200251/2020|2020-08-18|EPI_ISL_752810|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMB-1BC6B5/2020|2020-11-30|EPI_ISL_723887|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE8387/2020|2020-03-30|EPI_ISL_529026|Original|hCoV-19^^Abruzzo|Human|Ospedale \Giuseppe Mazzini\ -Teramo|Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/England/20128094804/2020|2020-03-20|EPI_ISL_423968|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B8B2B/2020|2020-09-07|EPI_ISL_549719|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/LIVE-1DE152/2020|2020-10-09|EPI_ISL_611765|Original|hCoV-19^^Wales|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-AC734E/2020|2020-10-22|EPI_ISL_630346|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-275AA/2020|2020-03-31|EPI_ISL_431975|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-70704E/2020|2020-06-30|EPI_ISL_557737|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7B9D/2020|2020-10-26|EPI_ISL_638364|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14398/2020|2020-10-07|EPI_ISL_787683|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A7048D/2020|2020-10-15|EPI_ISL_607866|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48539D/2020|2020-10-21|EPI_ISL_628175|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14059/2020|2020-06-27|EPI_ISL_738804|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/ME-HETL-J0075/2020|2020-03-19|EPI_ISL_513486|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUEH-C3184E/2020|2020-12-09|EPI_ISL_731290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-145/2020|2020-04-21|EPI_ISL_735281|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Denmark/DCGC-21058/2020|2020-12-21|EPI_ISL_759530|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Lithuania/KL-LUHS-Eilnr58/2020|2020-04-09|EPI_ISL_603120|Original|hCoV-19^^Klaipėdos apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Finland/1CD5/2020|2020-12-01|EPI_ISL_732598|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/MN-MDH-2116/2020|2020-10-30|EPI_ISL_683745|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-A851BB/2020|2020-10-17|EPI_ISL_610484|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DE54F/2020|2020-09-21|EPI_ISL_599695|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-NRC2908/2020|2020-12-07|EPI_ISL_779845|Original|hCoV-19^^Provence-Alpes-C\u00f4te d'Azur|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/EDB022/2020|2020-03-12|EPI_ISL_425828|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WA-S1653/2020|2020-05-29|EPI_ISL_496079|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/LOND-12609B3/2020|2020-04-05|EPI_ISL_516879|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B02416/2020|2020-10-23|EPI_ISL_642836|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18314/2020|2020-12-07|EPI_ISL_749224|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A5116D/2020|2020-10-07|EPI_ISL_597916|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S722/2020|2020-04-12|EPI_ISL_449892|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A70238/2020|2020-10-15|EPI_ISL_607988|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1DDA0D/2020|2020-09-25|EPI_ISL_611984|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-CF4AD8/2020|2020-12-21|EPI_ISL_781570|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12007/2020|2020-06-15|EPI_ISL_671254|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-BC88A7/2020|2020-11-22|EPI_ISL_767332|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-190066/2020|2020-07-09|EPI_ISL_500926|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-14897/2020|2020-11-23|EPI_ISL_712054|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW896/2020|2020-08-27|EPI_ISL_544977|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-B69AB1/2020|2020-11-11|EPI_ISL_661540|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8308/2020|2020-10-13|EPI_ISL_594846|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4591/2020|2020-06-19|EPI_ISL_543739|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B286E/2020|2020-05-14|EPI_ISL_469908|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5213/2020|2020-06-20|EPI_ISL_544598|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A508C3/2020|2020-10-07|EPI_ISL_597619|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7C12F/2020|2020-11-13|EPI_ISL_668386|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20144021204/2020|2020-03-28|EPI_ISL_465986|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B10767/2020|2020-11-02|EPI_ISL_641787|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0845/2020|2020-06-22|EPI_ISL_514191|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC17898/2020|2020-08-20|EPI_ISL_779544|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/USA/MN-MDH-1863/2020|2020-10-12|EPI_ISL_602998|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/SHEF-D1BAD/2020|2020-05-06|EPI_ISL_475498|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/France/BRE-IPP10841/2020|2020-11-20|EPI_ISL_754154|Original|hCoV-19^^Bretagne|Human|Laboratoire de Microbiologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/FL-BPHL-0220/2020|2020-04-19|EPI_ISL_480871|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-45099/2020|2020-12-08|EPI_ISL_747215|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-7330/2020|2020-10-12|EPI_ISL_619311|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3965B/2020|2020-12-09|EPI_ISL_731526|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C7F844/2020|2020-12-16|EPI_ISL_762928|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/TKYT30095/2020|2020-08-00|EPI_ISL_649140|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Ryota|Japan

>Spike|hCoV-19/England/ALDP-A6E16D/2020|2020-10-15|EPI_ISL_607935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65843/2020|2020-10-11|EPI_ISL_637651|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-MPZ75781/2020|2020-04-13|EPI_ISL_767771|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/PORT-2E97AC/2020|2020-00-00|EPI_ISL_727731|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2075/2020|2020-03-14|EPI_ISL_604394|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LOND-D6A41/2020|2020-04-22|EPI_ISL_461763|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9258/2020|2020-11-16|EPI_ISL_668877|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BB9C43/2020|2020-11-21|EPI_ISL_702606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/3846/2020|2020-04-25|EPI_ISL_471397|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/England/QEUEH-BA2EB0/2020|2020-11-18|EPI_ISL_672848|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBBA74/2020|2020-11-21|EPI_ISL_724084|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-167F72/2020|2020-05-22|EPI_ISL_494180|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DB023/2020|2020-09-21|EPI_ISL_601339|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9940/2020|2020-07-22|EPI_ISL_562759|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG495423/2020|2020-07-12|EPI_ISL_695259|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUEH-1FEEC/2020|2020-10-01|EPI_ISL_598933|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-106/2020|2020-03-18|EPI_ISL_475066|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/WA-S2207/2020|2020-06-08|EPI_ISL_497635|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/OR-PROV-186/2020|2020-05-14|EPI_ISL_482434|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/ALDP-950879/2020|2020-06-14|EPI_ISL_554592|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CB809/2020|2020-04-14|EPI_ISL_457648|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5031/2020|2020-04-16|EPI_ISL_640098|Original|hCoV-19^^Western Cape|Human|Vanguard CHC wc VGC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/QEUEH-9F53FD/2020|2020-09-25|EPI_ISL_638674|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B3D84/2020|2020-09-03|EPI_ISL_573549|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP11A03P/2020|2020-03-16|EPI_ISL_427583|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/USA/NC_200312/2020|2020-03-00|EPI_ISL_454817|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/USA/UT-UPHL-201000094/2020|2020-07-06|EPI_ISL_594057|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/PAC-IHU-0532/2020|2020-04-07|EPI_ISL_569576|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/CA-CZB-14757/2020|2020-11-03|EPI_ISL_739442|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-DSHS-1144/2020|2020-06-17|EPI_ISL_634948|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-32EDE/2020|2020-04-12|EPI_ISL_446705|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1ADE82/2020|2020-04-26|EPI_ISL_459477|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D29F/2020|2020-12-10|EPI_ISL_731780|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E7931/2020|2020-05-05|EPI_ISL_449083|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9E41E8/2020|2020-09-23|EPI_ISL_601064|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E8ACB/2020|2020-09-24|EPI_ISL_637717|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26513006/2020|2020-04-23|EPI_ISL_485070|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/CAMB-771C5/2020|2020-04-01|EPI_ISL_438511|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-C3367F/2020|2020-12-11|EPI_ISL_757142|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5253/2020|2020-09-14|EPI_ISL_615184|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0426/2020|2020-03-21|EPI_ISL_495332|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH082/2020|2020-03-19|EPI_ISL_434791|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/reg-09231004/2020|2020-09-23|EPI_ISL_735027|Original|hCoV-19^^Bekkevoort|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Germany/NW-HHU-73/2020|2020-03-30|EPI_ISL_523944|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Bahrain/250182770_S11_L001/2020|2020-11-21|EPI_ISL_678262|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/ALDP-B46BA8/2020|2020-11-07|EPI_ISL_656227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B064F4/2020|2020-10-24|EPI_ISL_652236|Original|hCoV-19^^Wales|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-AD3400/2020|2020-10-26|EPI_ISL_647960|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11751/2020|2020-07-24|EPI_ISL_591843|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC6267/2020|2020-07-26|EPI_ISL_518257|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AABD42/2020|2020-10-21|EPI_ISL_651086|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-350191/2020|2020-11-04|EPI_ISL_693840|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-5B514E/2020|2020-06-19|EPI_ISL_558712|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2671/2020|2020-00-00|EPI_ISL_579331|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMB-1AC4CD/2020|2020-04-22|EPI_ISL_489415|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8096/2020|2020-08-16|EPI_ISL_564845|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20138020604/2020|2020-03-25|EPI_ISL_423299|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F1037845/2020|2020-12-02|EPI_ISL_766991|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15890/2020|2020-07-10|EPI_ISL_785574|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/cat/France/Env-Ba/2020|2020-05-14|EPI_ISL_483063|Original|hCoV-19^^France|Felis catus|unknown|Virology|Submitter|France

>Spike|hCoV-19/England/BRIS-1282CF/2020|2020-04-16|EPI_ISL_469612|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15601/2020|2020-11-23|EPI_ISL_713917|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-1D2AEA/2020|2020-03-29|EPI_ISL_611991|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F701/2020|2020-11-02|EPI_ISL_641820|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2551/2020|2020-06-16|EPI_ISL_497183|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/MD-IBV-99009640/2020|2020-10-27|EPI_ISL_654376|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/20194157001/2020|2020-05-05|EPI_ISL_465621|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC2985/2020|2020-07-07|EPI_ISL_521815|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7048/2020|2020-06-28|EPI_ISL_546461|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1461/2020|2020-06-22|EPI_ISL_676605|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-B43376/2020|2020-11-08|EPI_ISL_657226|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D276/2020|2020-05-06|EPI_ISL_472691|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A1E0D8/2020|2020-10-01|EPI_ISL_598860|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16587/2020|2020-11-16|EPI_ISL_714856|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00241782/2020|2020-03-28|EPI_ISL_536290|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Switzerland/ZH-ETHZ-400333/2020|2020-12-08|EPI_ISL_729167|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-A6109/2020|2020-03-21|EPI_ISL_499686|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-36A8B/2020|2020-04-30|EPI_ISL_474753|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3204/2020|2020-04-00|EPI_ISL_691324|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-201109255/2020|2020-04-23|EPI_ISL_634899|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-5283/2020|2020-06-19|EPI_ISL_544652|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC325/2020|2020-03-24|EPI_ISL_420016|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/DRC/2813/2020|2020-04-16|EPI_ISL_437346|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Muyembe|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-HMH-MCoV-18269/2020|2020-11-15|EPI_ISL_784617|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/SP-240/2020|2020-05-01|EPI_ISL_524468|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal Vereador Jose Storopolli|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-16159/2020|2020-11-16|EPI_ISL_714263|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-QDX-107/2020|2020-03-13|EPI_ISL_468571|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/PV-IBV-004242/2020|2020-04-05|EPI_ISL_500306|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-482D92/2020|2020-10-21|EPI_ISL_627737|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9C588E/2020|2020-09-11|EPI_ISL_567698|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11159/2020|2020-11-02|EPI_ISL_670427|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20134010002/2020|2020-03-23|EPI_ISL_420513|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-D00DC/2020|2020-09-27|EPI_ISL_585076|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14758/2020|2020-10-12|EPI_ISL_786243|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204391040/2020|2020-10-23|EPI_ISL_649880|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-10303/2020|2020-00-00|EPI_ISL_636527|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-AC9081/2020|2020-10-22|EPI_ISL_629655|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F4543/2020|2020-09-27|EPI_ISL_600751|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20118041904/2020|2020-03-12|EPI_ISL_464910|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BRIS-126DFD/2020|2020-04-08|EPI_ISL_458948|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2436/2020|2020-07-06|EPI_ISL_635477|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MN-MDH-1468/2020|2020-03-26|EPI_ISL_518862|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-9CC66F/2020|2020-09-16|EPI_ISL_573120|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Belgium/reg-09221020/2020|2020-09-22|EPI_ISL_735018|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-13444/2020|2020-08-23|EPI_ISL_788579|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-97639A/2020|2020-08-20|EPI_ISL_575937|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3172/2020|2020-06-03|EPI_ISL_635898|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-QDX-73/2020|2020-03-16|EPI_ISL_467840|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/SZ-ETHZ-321351/2020|2020-10-13|EPI_ISL_603601|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/Friesland_37/2020|2020-04-13|EPI_ISL_460852|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Belgium/ULG-11099/2020|2020-12-16|EPI_ISL_737347|Original|hCoV-19^^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Australia/VIC1800/2020|2020-05-05|EPI_ISL_480607|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-21382/2020|2020-12-21|EPI_ISL_757897|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Hungary/US-35090w/2020|2020-09-03|EPI_ISL_677768|Original|hCoV-19^^Csongrád county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/WA-S1404/2020|2020-05-19|EPI_ISL_495854|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-20080/2020|2020-12-07|EPI_ISL_747669|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B4182E/2020|2020-11-08|EPI_ISL_658471|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7271/2020|2020-07-23|EPI_ISL_564323|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB3358/2020|2020-04-09|EPI_ISL_487746|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21930/2020|2020-12-21|EPI_ISL_757798|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5390/2020|2020-08-00|EPI_ISL_690493|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A960AB/2020|2020-10-19|EPI_ISL_624789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12607AA/2020|2020-04-05|EPI_ISL_524666|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-97153F/2020|2020-08-18|EPI_ISL_553209|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH781/2020|2020-04-24|EPI_ISL_513249|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/QEUA-A0B8A9/2020|2020-10-03|EPI_ISL_599307|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33EA0/2020|2020-04-15|EPI_ISL_446835|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B5220E/2020|2020-11-08|EPI_ISL_656941|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B2B57/2020|2020-03-14|EPI_ISL_534797|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1B0E5F/2020|2020-05-12|EPI_ISL_452968|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Norway/5537/2020|2020-11-03|EPI_ISL_708112|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Wales/MILK-9E0A69/2020|2020-09-20|EPI_ISL_601306|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2918/2020|2020-08-17|EPI_ISL_616553|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20CV0354/2020|2020-09-18|EPI_ISL_579100|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Japan/PG-2087/2020|2020-04-00|EPI_ISL_685692|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-4664/2020|2020-09-14|EPI_ISL_621896|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-287F7B/2020|2020-11-16|EPI_ISL_725007|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Mexico/NLE-UANL-022/2020|2020-11-19|EPI_ISL_779185|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio Estatal de Salud P\u00fablica de Nuevo Le\u00f3n|Laboratorio de Infectolog\u00eda Molecular|Gal\u00e9n|Mexico

>Spike|hCoV-19/India/MH-GA82/2020|2020-06-18|EPI_ISL_508277|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/QEUA-9B4EEA/2020|2020-09-07|EPI_ISL_590324|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-201162142/2020|2020-11-16|EPI_ISL_771247|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-4A5722/2020|2020-12-16|EPI_ISL_764911|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-295B2B/2020|2020-04-03|EPI_ISL_488698|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13680/2020|2020-08-17|EPI_ISL_788777|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-A0521/2020|2020-05-25|EPI_ISL_472118|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL452/2020|2020-06-20|EPI_ISL_578856|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUA-A9F50D/2020|2020-10-20|EPI_ISL_611412|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A91996/2020|2020-10-19|EPI_ISL_705498|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC656/2020|2020-03-28|EPI_ISL_426952|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-14750/2020|2020-10-23|EPI_ISL_739225|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMC-9EC951/2020|2020-09-22|EPI_ISL_594630|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Russia/AST-RII-MH4490S/2020|2020-08-06|EPI_ISL_733210|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Portugal/PT1447/2020|2020-03-27|EPI_ISL_511406|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-8466/2020|2020-08-00|EPI_ISL_687565|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9565E5/2020|2020-06-08|EPI_ISL_553945|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B661/2020|2020-11-02|EPI_ISL_666266|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR5941/2020|2020-11-22|EPI_ISL_705683|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC6374/2020|2020-07-23|EPI_ISL_521168|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49BD5A/2020|2020-12-06|EPI_ISL_742462|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BB4E51/2020|2020-11-20|EPI_ISL_702422|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-5083/2020|2020-12-01|EPI_ISL_730340|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MA-MGH-03483/2020|2020-11-20|EPI_ISL_765856|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/20189156801/2020|2020-05-02|EPI_ISL_465556|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CCC4/2020|2020-05-07|EPI_ISL_472606|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-1158E1/2020|2020-10-15|EPI_ISL_595272|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/MILK-9936CB/2020|2020-08-26|EPI_ISL_552013|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-DAE41/2020|2020-11-07|EPI_ISL_724718|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/WA-QDX-813/2020|2020-03-21|EPI_ISL_571561|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-36A12/2020|2020-05-01|EPI_ISL_474746|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20142053004/2020|2020-03-27|EPI_ISL_423456|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12394/2020|2020-11-16|EPI_ISL_682575|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1901/2020|2020-03-24|EPI_ISL_776240|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/NSW1341/2020|2020-12-28|EPI_ISL_767907|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMC-AB1EBF/2020|2020-10-23|EPI_ISL_623733|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12580C/2020|2020-03-29|EPI_ISL_443963|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9CAA38/2020|2020-09-16|EPI_ISL_575690|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1126/2020|2020-03-31|EPI_ISL_445174|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FCDF1/2020|2020-04-27|EPI_ISL_489187|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9DAA/2020|2020-11-20|EPI_ISL_703126|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3197/2020|2020-07-05|EPI_ISL_520883|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Nigeria/NCDC-11d/2020|2020-12-22|EPI_ISL_766051|Original|hCoV-19^^Federal Capital Territory|Human|Nigeria Centre For Disease Control,|National reference Laboratory|Ndodo|Nigeria

>Spike|hCoV-19/USA/LA-EVTL1329/2020|2020-12-11|EPI_ISL_778995|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-17036/2020|2020-12-14|EPI_ISL_750722|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08398/2020|2020-05-20|EPI_ISL_524178|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1ACEB0/2020|2020-04-23|EPI_ISL_489482|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001094/2020|2020-03-27|EPI_ISL_452592|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC21/2020|2020-03-09|EPI_ISL_419740|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-1028F6/2020|2020-04-18|EPI_ISL_469864|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC314/2020|2020-03-30|EPI_ISL_430341|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/20139067304/2020|2020-03-28|EPI_ISL_465857|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-AE50AD/2020|2020-10-26|EPI_ISL_633174|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-32178/2020|2020-11-08|EPI_ISL_661129|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/CA-ALSR-3323/2020|2020-09-22|EPI_ISL_635963|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC339/2020|2020-03-20|EPI_ISL_426648|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUH-9B799B/2020|2020-09-08|EPI_ISL_590634|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4412/2020|2020-07-00|EPI_ISL_692637|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-33B5E/2020|2020-04-21|EPI_ISL_446792|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A689A7/2020|2020-10-12|EPI_ISL_630521|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/420/2020|2020-03-19|EPI_ISL_424444|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/MILK-C6F786/2020|2020-12-13|EPI_ISL_778429|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F2E1/2020|2020-11-09|EPI_ISL_681073|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH067/2020|2020-04-13|EPI_ISL_755039|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-110478/2020|2020-04-07|EPI_ISL_451890|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/EDB3942/2020|2020-04-30|EPI_ISL_439667|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E77A/2020|2020-10-15|EPI_ISL_607859|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG268909/2020|2020-03-13|EPI_ISL_426515|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/USA/UT-QDX-1463/2020|2020-03-13|EPI_ISL_603848|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-9888/2020|2020-11-09|EPI_ISL_669256|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/PSK-RII-MH6083S/2020|2020-11-14|EPI_ISL_733343|Original|hCoV-19^^Pskov|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-BB2B7A/2020|2020-11-20|EPI_ISL_702691|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7882/2020|2020-09-23|EPI_ISL_585435|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4916C2/2020|2020-11-04|EPI_ISL_706680|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA08A6/2020|2020-10-21|EPI_ISL_625225|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033792025/2020|2020-03-27|EPI_ISL_578114|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/India/MH-ACTREC-553/2020|2020-08-28|EPI_ISL_700198|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Wales/PHWC-33D94/2020|2020-04-15|EPI_ISL_446820|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1382/2020|2020-04-00|EPI_ISL_684989|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47CE7A/2020|2020-10-09|EPI_ISL_586060|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0593-SAN/2020|2020-04-15|EPI_ISL_483247|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC3951/2020|2020-07-13|EPI_ISL_520662|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC22010/2020|2020-09-01|EPI_ISL_577572|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/UT-UPHL-2012698910/2020|2020-08-04|EPI_ISL_746025|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-AAF6E9/2020|2020-10-22|EPI_ISL_631025|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-430a/2020|2020-07-15|EPI_ISL_586565|Original|hCoV-19^^Gujarat|Human|GMERS GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUEH-B7C4CC/2020|2020-11-14|EPI_ISL_741781|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Chile/MA-164318/2020|2020-08-30|EPI_ISL_746520|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/LA-EVTL1110/2020|2020-12-04|EPI_ISL_768380|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/India/MH-NIV-153805/2020|2020-08-07|EPI_ISL_541704|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/England/QEUEH-A328E5/2020|2020-10-06|EPI_ISL_628365|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/NGY-NNH-051/2020|2020-09-25|EPI_ISL_637017|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/England/QEUEH-9FAD45/2020|2020-09-28|EPI_ISL_588070|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0478/2020|2020-04-29|EPI_ISL_495384|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B460A9/2020|2020-11-07|EPI_ISL_656171|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB5FE/2020|2020-11-18|EPI_ISL_681404|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201090512/2020|2020-03-06|EPI_ISL_464576|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F10B/2020|2020-10-06|EPI_ISL_585915|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A7724/2020|2020-03-27|EPI_ISL_517062|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Singapore/900/2020|2020-02-05|EPI_ISL_536441|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUA-9F7D39/2020|2020-09-27|EPI_ISL_589071|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CDE412/2020|2020-12-26|EPI_ISL_782266|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B06421/2020|2020-10-24|EPI_ISL_651588|Original|hCoV-19^^Wales|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-A89D1D/2020|2020-10-16|EPI_ISL_638823|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-2969/2020|2020-04-00|EPI_ISL_690614|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-EVTL773/2020|2020-07-21|EPI_ISL_653464|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MD-HP12106/2021|2021-01-05|EPI_ISL_791422|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/USA/WI-UW-1550/2020|2020-09-15|EPI_ISL_605428|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUA-BEB440/2020|2020-12-03|EPI_ISL_708922|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1809/2020|2020-09-16|EPI_ISL_614060|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Spain/RI-IBV-99010960/2020|2020-11-11|EPI_ISL_732788|Original|hCoV-19^^La_Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-0433/2020|2020-03-19|EPI_ISL_495339|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-14393/2020|2020-11-30|EPI_ISL_711247|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7D5AB/2020|2020-10-13|EPI_ISL_606578|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-998444/2020|2020-08-24|EPI_ISL_539970|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3808/2020|2020-08-10|EPI_ISL_635146|Original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/QEUA-9DD7D1/2020|2020-09-21|EPI_ISL_599765|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-975207/2020|2020-08-21|EPI_ISL_552537|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F995183/2020|2020-09-21|EPI_ISL_693744|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/USA/MD-CDC-2-3713997/2020|2020-11-21|EPI_ISL_751702|Original|hCoV-19^^Maryland|Human|MD DOH Laboratories Administration|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/QEUEH-95E36B/2020|2020-08-08|EPI_ISL_537145|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F0A50/2020|2020-10-08|EPI_ISL_584748|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5710/2020|2020-09-28|EPI_ISL_621215|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/TG-CDFD-C2529/2020|2020-06-18|EPI_ISL_528581|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/USA/WA-S2434/2020|2020-06-14|EPI_ISL_497066|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-3954/2020|2020-09-14|EPI_ISL_615865|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-DA096/2020|2020-11-07|EPI_ISL_665741|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-984/2020|2020-03-09|EPI_ISL_614436|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/reg-0411672/2020|2020-04-11|EPI_ISL_738210|Original|hCoV-19^^Horruer|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Sweden/20-50179/2020|2020-03-08|EPI_ISL_429152|Original|hCoV-19^^Orebro lan|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/LIVE-9EA45/2020|2020-04-11|EPI_ISL_453357|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CT-UW-5104/2020|2020-04-05|EPI_ISL_461435|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/MILK-9920FB/2020|2020-08-27|EPI_ISL_540896|Original|hCoV-19^^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-109552/2020|2020-10-13|EPI_ISL_650888|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-ACE541/2020|2020-10-21|EPI_ISL_644082|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ADB12/2020|2020-05-01|EPI_ISL_448034|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2685/2020|2020-03-17|EPI_ISL_604995|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8098/2020|2020-06-30|EPI_ISL_784195|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS4905512/2020|2020-10-23|EPI_ISL_744155|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/CT-IBV-004160/2020|2020-03-28|EPI_ISL_510070|Original|hCoV-19^^Catalunya|Human|Instituto de Investigaciones Biomédicas de Barcelona (CSIC)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUH-BA1419/2020|2020-11-18|EPI_ISL_757214|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020308494/2020|2020-08-24|EPI_ISL_602182|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/India/GJ-GBRC158/2020|2020-05-27|EPI_ISL_461488|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/ALDP-B236CE/2020|2020-11-04|EPI_ISL_646839|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11650/2020|2020-09-08|EPI_ISL_790075|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-868/2020|2020-03-30|EPI_ISL_444950|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Scotland/EDB9014/2020|2020-11-01|EPI_ISL_652033|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C91E/2020|2020-11-08|EPI_ISL_655797|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5379/2020|2020-10-06|EPI_ISL_651786|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21371/2020|2020-03-23|EPI_ISL_507625|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-2873/2020|2020-08-24|EPI_ISL_616567|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-AEA758/2020|2020-10-26|EPI_ISL_633155|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000832/2020|2020-03-25|EPI_ISL_632209|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Henan/HN01/2020|2020-02-24|EPI_ISL_605929|Vero|hCoV-19^^Henan|Human|Department of Infectious Disease Prevention and Control|Department of Infectious Disease Prevention and Control|Li,X.|China

>Spike|hCoV-19/England/CAMC-C3FD23/2020|2020-12-10|EPI_ISL_718337|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_84/2020|2020-05-10|EPI_ISL_645083|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland

>Spike|hCoV-19/England/ALDP-C3B668/2020|2020-12-09|EPI_ISL_730885|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B867F3/2020|2020-11-13|EPI_ISL_674054|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII4983S/2020|2020-04-10|EPI_ISL_430080|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Belgium/ULG-10755/2020|2020-09-20|EPI_ISL_641597|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/OR-OHSU-0151/2020|2020-05-06|EPI_ISL_468113|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WI-UW-2382/2020|2020-10-29|EPI_ISL_728147|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUA-9F38F0/2020|2020-09-26|EPI_ISL_600770|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-123CE4/2020|2020-04-07|EPI_ISL_492768|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A8A189/2020|2020-10-16|EPI_ISL_638836|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_224/2020|2020-05-12|EPI_ISL_461396|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/PV-IBV-2098/2020|2020-04-11|EPI_ISL_468902|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-1145/2020|2020-04-08|EPI_ISL_494390|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-3247/2020|2020-08-31|EPI_ISL_615923|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0996/2020|2020-04-13|EPI_ISL_583840|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Hong Kong/HKU-IHCE0511-009b/2020|2020-03-12|EPI_ISL_538536|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Ireland/WX-NVRL-AIIDV0434v1/2020|2020-05-15|EPI_ISL_644224|Original|hCoV-19^^Wexford|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/EDB8592/2020|2020-10-21|EPI_ISL_651972|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410250/2020|2020-11-27|EPI_ISL_737730|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/AR-CDC-7905/2020|2020-07-15|EPI_ISL_535659|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-CA9D15/2020|2020-12-18|EPI_ISL_762329|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13422/2020|2020-08-24|EPI_ISL_788558|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/GES-3372/2020|2020-03-20|EPI_ISL_428348|Original|hCoV-19^^Grand-Est|Human|Maison de Sant\u00e9 du Val d'Ormois|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Switzerland/BS-ETHZ-321374/2020|2020-10-13|EPI_ISL_603620|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Iceland/152/2020|2020-03-13|EPI_ISL_417745|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/MILK-69DA31/2020|2020-07-02|EPI_ISL_551792|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001926/2020|2020-03-11|EPI_ISL_452448|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC7932/2020|2020-08-06|EPI_ISL_564754|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18034/2020|2020-11-16|EPI_ISL_786182|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-51947/2020|2020-06-05|EPI_ISL_510861|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-B3BE70/2020|2020-11-02|EPI_ISL_706102|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-7800/2020|2020-07-00|EPI_ISL_686902|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-9B4F05/2020|2020-09-07|EPI_ISL_602079|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20106004803/2020|2020-03-03|EPI_ISL_417240|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/DRC/11616/2020|2020-05-25|EPI_ISL_527519|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Spain/MD-IBV-99008542/2020|2020-09-21|EPI_ISL_654088|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-9CBC22/2020|2020-09-16|EPI_ISL_575544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C5461E/2020|2020-12-12|EPI_ISL_736234|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45BC7/2020|2020-11-07|EPI_ISL_656284|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A4B0/2020|2020-10-16|EPI_ISL_606630|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2070/2020|2020-06-05|EPI_ISL_497498|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUA-AD4A1C/2020|2020-10-26|EPI_ISL_634152|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC348/2020|2020-04-08|EPI_ISL_430375|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/QEUA-C32564/2020|2020-12-11|EPI_ISL_782578|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F995530/2020|2020-09-02|EPI_ISL_708436|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Wales/PHWC-4A66F7/2020|2020-12-17|EPI_ISL_765066|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2222/2020|2020-05-07|EPI_ISL_510560|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-22149/2020|2020-12-14|EPI_ISL_758587|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B76F58/2020|2020-11-12|EPI_ISL_723831|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA88A/2020|2020-11-20|EPI_ISL_701748|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2006/2020|2020-09-10|EPI_ISL_677414|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMB-7DDCB/2020|2020-04-07|EPI_ISL_442152|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3323/2020|2020-08-31|EPI_ISL_616077|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002464/2020|2020-07-14|EPI_ISL_518047|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Brazil/RJ-0263/2020|2020-04-13|EPI_ISL_470630|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Denmark/ALAB-SSI-860/2020|2020-03-27|EPI_ISL_444945|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/NM-DOH-2020309735/2020|2020-08-24|EPI_ISL_602197|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Scotland/QEUH-B9E5B2/2020|2020-11-18|EPI_ISL_757201|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UN-CDC-7480/2020|2020-04-22|EPI_ISL_514074|Original|hCoV-19^^USA|Human|Navy and Marine Corps Public Health Center|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Japan/PG-3134/2020|2020-06-00|EPI_ISL_691256|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-GBCL-26791713/2020|2020-04-09|EPI_ISL_485333|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15502/2020|2020-10-23|EPI_ISL_786986|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-290385-01/2020|2020-12-14|EPI_ISL_765563|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/LIVE-DB4DBC/2020|2020-10-22|EPI_ISL_651296|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10740/2020|2020-09-19|EPI_ISL_641582|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-A45005/2020|2020-10-06|EPI_ISL_598622|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-46445-01/2020|2020-04-14|EPI_ISL_676847|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Czech Republic/2122/2020|2020-03-19|EPI_ISL_425229|Original|hCoV-19^^Prague|Human|Laboratory of Molecular Genetics|Laboratory of Molecular Genetics|Kramna|Czech Republic

>Spike|hCoV-19/USA/LA-EVTL473/2020|2020-06-23|EPI_ISL_578877|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Beijing/DT-travelES01/2020|2020-03-16|EPI_ISL_452343|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/Spain/MD-IBV-97010073/2020|2020-03-18|EPI_ISL_779741|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9dnico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/MD-IBV-99007098/2020|2020-04-24|EPI_ISL_541882|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-B6AA92/2020|2020-11-11|EPI_ISL_662548|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A49D6/2020|2020-03-13|EPI_ISL_499846|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2098/2020|2020-03-04|EPI_ISL_497999|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/FL-BPHL-0983/2020|2020-05-29|EPI_ISL_517873|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUA-96E8A5/2020|2020-08-19|EPI_ISL_534456|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACF1A6/2020|2020-10-22|EPI_ISL_629727|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B64DF/2020|2020-09-21|EPI_ISL_576915|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-S2148/2020|2020-06-08|EPI_ISL_497576|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-74483/2020|2020-03-20|EPI_ISL_425294|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8325961/2020|2020-10-26|EPI_ISL_744718|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-B5A822/2020|2020-11-06|EPI_ISL_658155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15314/2020|2020-11-25|EPI_ISL_738700|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/LIVE-9E8F0/2020|2020-04-12|EPI_ISL_453342|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-CDC-2-3714374/2020|2020-12-04|EPI_ISL_751644|Original|hCoV-19^^Texas|Human|TX DSHS|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-486332/2020|2020-10-27|EPI_ISL_639033|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0942/2020|2020-04-00|EPI_ISL_684552|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-280797-01/2020|2020-11-30|EPI_ISL_754509|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-11657/2020|2020-10-26|EPI_ISL_671051|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-1702/2020|2020-03-21|EPI_ISL_424228|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-47EEF0/2020|2020-09-27|EPI_ISL_595610|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1520/2020|2020-03-17|EPI_ISL_603773|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/IL-UW-532/2020|2020-06-23|EPI_ISL_484907|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-DSHS-1642/2020|2020-06-24|EPI_ISL_710062|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-C8027F/2020|2020-12-16|EPI_ISL_756835|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A67C09/2020|2020-10-12|EPI_ISL_630677|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CF6B7/2020|2020-09-17|EPI_ISL_590067|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/NAR-GVI-97417/2020|2020-04-04|EPI_ISL_447798|Original|hCoV-19^^Narino|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9drez|Colombia

>Spike|hCoV-19/England/ALDP-B83F3A/2020|2020-11-14|EPI_ISL_674323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0263/2020|2020-04-04|EPI_ISL_453977|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/UT-02437/2020|2020-04-21|EPI_ISL_470552|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-399/2020|2020-07-23|EPI_ISL_523739|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-20094/2020|2020-12-07|EPI_ISL_747978|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-964BC4/2020|2020-08-11|EPI_ISL_531221|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130A80/2020|2020-04-14|EPI_ISL_492604|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F85A2/2020|2020-12-12|EPI_ISL_725344|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11111/2020|2020-12-17|EPI_ISL_737359|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Scotland/QEUH-B110A7/2020|2020-11-03|EPI_ISL_649522|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B78958/2020|2020-11-12|EPI_ISL_668101|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2121/2020|2020-06-08|EPI_ISL_497549|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-4AA981/2020|2020-06-13|EPI_ISL_559581|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006215/2020|2020-04-13|EPI_ISL_537361|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-B95ACB/2020|2020-11-13|EPI_ISL_674994|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-92/2020|2020-03-16|EPI_ISL_425216|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Wales/PHWC-16CFAA/2020|2020-09-12|EPI_ISL_574191|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EC592/2020|2020-05-10|EPI_ISL_457534|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC2837/2020|2020-07-04|EPI_ISL_521668|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Peru/LIM-INS-143/2020|2020-03-16|EPI_ISL_536538|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/Latvia/157/2020|2020-09-20|EPI_ISL_639654|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/MILK-517B00/2020|2020-06-11|EPI_ISL_559084|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6128/2020|2020-09-21|EPI_ISL_621162|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-3172F/2020|2020-04-12|EPI_ISL_446479|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-09686/2020|2020-03-16|EPI_ISL_418417|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Valence|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Scotland/CVR2080/2020|2020-04-10|EPI_ISL_484555|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC7832/2020|2020-07-29|EPI_ISL_564685|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB7840/2020|2020-09-22|EPI_ISL_572689|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/France/ARA93996/2020|2020-10-25|EPI_ISL_640004|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Japan/IC-0044/2020|2020-05-00|EPI_ISL_591386|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-776A8/2020|2020-03-31|EPI_ISL_439531|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1689A0/2020|2020-04-20|EPI_ISL_494312|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR2970/2020|2020-04-22|EPI_ISL_448210|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648738/2020|2020-04-10|EPI_ISL_695921|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-7150/2020|2020-09-00|EPI_ISL_688255|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47E1D9/2020|2020-10-09|EPI_ISL_595421|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-PV08125/2020|2020-03-13|EPI_ISL_421354|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/UT-03021/2020|2020-05-01|EPI_ISL_509563|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Japan/PG-7879/2020|2020-07-00|EPI_ISL_686980|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AR-ISCI-201673/2020|2020-03-07|EPI_ISL_539508|Original|hCoV-19^^Aragon|Human|Hospital Universitario Miguel Servet|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/QE-9B466A/2020|2020-09-04|EPI_ISL_590189|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S181/2020|2020-03-19|EPI_ISL_430219|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/EXET-1392DA/2020|2020-10-25|EPI_ISL_665060|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QE-7E600/2020|2020-11-14|EPI_ISL_667866|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1175/2020|2020-03-13|EPI_ISL_571985|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/QLD1217/2020|2020-03-22|EPI_ISL_639808|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/South Africa/KRISP-K002375/2020|2020-07-21|EPI_ISL_515741|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-CZB-12819/2020|2020-09-30|EPI_ISL_648470|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-BB271C/2020|2020-11-18|EPI_ISL_720207|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-QDX-1192/2020|2020-03-16|EPI_ISL_571938|Original|hCoV-19^^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00232004/2020|2020-03-21|EPI_ISL_535969|Original|hCoV-19^^Quebec|Human|H\u00f4pital Sainte-Croix|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-4A1850/2020|2020-12-10|EPI_ISL_743735|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-76894/2020|2020-03-29|EPI_ISL_438286|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/SHEF-CDFE4/2020|2020-05-25|EPI_ISL_535083|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF517A/2020|2020-10-30|EPI_ISL_663120|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2004230149/2020|2020-04-21|EPI_ISL_710131|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-2E97A/2020|2020-04-07|EPI_ISL_446092|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-8A7D1B/2020|2020-07-24|EPI_ISL_532727|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12494/2020|2020-00-00|EPI_ISL_640800|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20136096804/2020|2020-03-23|EPI_ISL_420650|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/C200047063/2020|2020-11-13|EPI_ISL_666768|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/20149005304/2020|2020-04-01|EPI_ISL_466108|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020328767/2020|2020-09-01|EPI_ISL_575323|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/England/CAMC-B09910/2020|2020-10-29|EPI_ISL_672987|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-288F2F/2020|2020-03-24|EPI_ISL_458659|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B273E1/2020|2020-11-04|EPI_ISL_664564|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/NSW493/2020|2020-04-23|EPI_ISL_455033|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/UN-UW-7000/2020|2020-03-12|EPI_ISL_576496|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/IL-UW-2222/2020|2020-09-28|EPI_ISL_677625|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/LA-GBCL-26544504/2020|2020-04-27|EPI_ISL_485102|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000272/2020|2020-03-17|EPI_ISL_631798|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Switzerland/GR-ETHZ-101170/2020|2020-03-31|EPI_ISL_451833|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-0096/2020|2020-04-27|EPI_ISL_445039|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-7E401/2020|2020-04-07|EPI_ISL_524530|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00500/2020|2020-05-03|EPI_ISL_693070|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/CA-CDPH145/2020|2020-09-26|EPI_ISL_755027|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/MN-MDH-2033/2020|2020-11-03|EPI_ISL_654714|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/ALDP-A2E0C6/2020|2020-10-06|EPI_ISL_586626|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28318/2020|2020-03-27|EPI_ISL_432153|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BB99A6/2020|2020-11-20|EPI_ISL_702632|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20012/2020|2020-11-22|EPI_ISL_723211|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-ALSR-0854-NBG/2020|2020-05-14|EPI_ISL_483401|Original|hCoV-19^^Louisiana|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUEH-544654/2020|2020-05-14|EPI_ISL_533365|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4403/2020|2020-07-00|EPI_ISL_692629|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-4800/2020|2020-05-02|EPI_ISL_730150|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Russia/MOS-CRIE-13386480/2020|2020-11-06|EPI_ISL_745236|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>y|Korneenko|Russia

>Spike|hCoV-19/Australia/NSW1260/2020|2020-12-17|EPI_ISL_740891|Original|hCoV-19^^New South Wales|Human|Pathology North - Hunter - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/20168038004/2020|2020-04-13|EPI_ISL_466616|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C123/2020|2020-11-03|EPI_ISL_666396|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26356/2020|2020-03-26|EPI_ISL_422342|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00229384/2020|2020-03-20|EPI_ISL_535892|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Chile/MA-CADIUMAG-23/2020|2020-06-20|EPI_ISL_681688|Original|hCoV-19^^Magallanes|Human|Molecular Medicine Laboratory|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

>Spike|hCoV-19/Australia/VIC12078/2020|2020-07-27|EPI_ISL_640514|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC1609/2020|2020-05-12|EPI_ISL_456520|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-1111/2020|2020-03-09|EPI_ISL_614409|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/QEUIH-7A4C03/2020|2020-07-14|EPI_ISL_533038|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45AAD/2020|2020-10-06|EPI_ISL_598555|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL123/2020|2020-05-06|EPI_ISL_451284|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01162/2020|2020-06-00|EPI_ISL_548784|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-24394/2020|2020-03-16|EPI_ISL_419403|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg_328_CC2/2020|2020-10-09|EPI_ISL_660136|Original|hCoV-19^^Western Cape|Human|Lancet|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-2997/2020|2020-04-00|EPI_ISL_691121|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-GBCL-26492474/2020|2020-04-25|EPI_ISL_485044|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/BRIS-125CB5/2020|2020-03-30|EPI_ISL_443893|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC261a/2020|2020-06-11|EPI_ISL_483853|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-12373/2020|2020-09-26|EPI_ISL_790317|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-B02BA8/2020|2020-10-24|EPI_ISL_647807|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B07D25/2020|2020-10-29|EPI_ISL_643816|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL070/2020|2020-03-28|EPI_ISL_437515|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/MILK-B8E069/2020|2020-11-13|EPI_ISL_674760|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-87D4CE/2020|2020-07-25|EPI_ISL_532732|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC94A3/2020|2020-10-21|EPI_ISL_630234|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-285049-01/2020|2020-12-07|EPI_ISL_754470|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA

>Spike|hCoV-19/Belgium/regal-09221015/2020|2020-09-22|EPI_ISL_735013|Original|hCoV-19^^Holsbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-374/2020|2020-07-31|EPI_ISL_514250|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/TX-HMH-5992/2020|2020-06-30|EPI_ISL_547151|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-QDX-901/2020|2020-03-19|EPI_ISL_571622|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/AZ-TG654347/2020|2020-04-13|EPI_ISL_695989|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-AA3C01/2020|2020-10-22|EPI_ISL_624531|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1199/2020|2020-04-02|EPI_ISL_579600|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Finland/24ES18AE9/2020|2020-08-24|EPI_ISL_759810|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/NOTT-10F02E/2020|2020-03-30|EPI_ISL_432957|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACF71/2020|2020-04-23|EPI_ISL_489421|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27AC9/2020|2020-03-30|EPI_ISL_432000|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20915/2020|2020-05-26|EPI_ISL_476051|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/India/TG-CCMB-L007/2020|2020-04-16|EPI_ISL_447583|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/PHWC-491D09/2020|2020-11-12|EPI_ISL_706770|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUIH-9AEA3A/2020|2020-09-05|EPI_ISL_577267|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-96DDB6/2020|2020-08-21|EPI_ISL_534592|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000195/2020|2020-04-15|EPI_ISL_631730|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-32-6/2020|2020-08-15|EPI_ISL_577762|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-22265/2020|2020-12-14|EPI_ISL_757972|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CT-Yale-475/2020|2020-09-19|EPI_ISL_729789|Original|hCoV-19^^Connecticut|Human|Connecticut Department of Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/MILK-995061/2020|2020-08-26|EPI_ISL_552350|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15613/2020|2020-11-23|EPI_ISL_713923|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9735D3/2020|2020-08-20|EPI_ISL_575981|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-146/2020|2020-00-00|EPI_ISL_632365|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/CAMC-BC00C5/2020|2020-11-20|EPI_ISL_710824|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1653D2/2020|2020-04-30|EPI_ISL_479460|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CAC23/2020|2020-09-16|EPI_ISL_575539|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200516/2020|2020-05-21|EPI_ISL_578656|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Denmark/DCGC-14379/2020|2020-11-30|EPI_ISL_711292|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2009538/2020|2020-07-18|EPI_ISL_605218|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-C159B6/2020|2020-12-05|EPI_ISL_709341|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl432/2020|2020-03-09|EPI_ISL_775953|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Greece/52_37266/2020|2020-04-01|EPI_ISL_437910|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Wales/PHWC-483872/2020|2020-10-23|EPI_ISL_627864|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC_AG8/2020|2020-04-14|EPI_ISL_476503|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-19378/2020|2020-11-29|EPI_ISL_783805|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A929FF/2020|2020-10-19|EPI_ISL_611018|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001145/2020|2020-10-23|EPI_ISL_671727|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-94AC1C/2020|2020-06-11|EPI_ISL_556316|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28D92/2020|2020-04-03|EPI_ISL_445438|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BBC7F4/2020|2020-11-20|EPI_ISL_705597|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6244/2020|2020-04-02|EPI_ISL_570091|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-11930/2020|2020-10-19|EPI_ISL_671222|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-BFD45/2020|2020-03-09|EPI_ISL_416739|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Ukraine/203100364/2020|2020-05-15|EPI_ISL_512642|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/England/BRIS-12BA5B/2020|2020-05-18|EPI_ISL_469374|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC7668-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482659|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Portugal/PT1820/2020|2020-11-15|EPI_ISL_765215|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-C9390B/2020|2020-12-17|EPI_ISL_777208|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4175/2020|2020-06-18|EPI_ISL_543412|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-LACPHL-AF00013/2020|2020-12-15|EPI_ISL_737248|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/QEUH-CAD810/2020|2020-12-20|EPI_ISL_761204|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4C253/2020|2020-10-07|EPI_ISL_628555|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-BC3781/2020|2020-11-25|EPI_ISL_703838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0308/2020|2020-05-09|EPI_ISL_509099|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/FL-BPHL-1597/2020|2020-06-05|EPI_ISL_594287|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/AZ-TG668364/2020|2020-05-13|EPI_ISL_696284|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-A01C4D/2020|2020-09-30|EPI_ISL_595831|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/NSW532/2020|2020-05-08|EPI_ISL_455071|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-0689/2020|2020-04-00|EPI_ISL_684299|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-4054/2020|2020-07-00|EPI_ISL_692295|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/VA-DCLS-0086/2020|2020-03-30|EPI_ISL_429983|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-CZB-1047/2020|2020-04-03|EPI_ISL_437047|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/WI-UW-239/2020|2020-03-27|EPI_ISL_428335|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Australia/WA251/2020|2020-08-21|EPI_ISL_594167|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-9D94ED/2020|2020-09-18|EPI_ISL_576734|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14781/2020|2020-11-23|EPI_ISL_711976|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR2931/2020|2020-04-25|EPI_ISL_456392|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Australia/SAP122/2020|2020-03-20|EPI_ISL_451133|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Scotland/QEUH-A8B2D0/2020|2020-10-16|EPI_ISL_649560|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200210/2020|2020-08-13|EPI_ISL_752769|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Hong Kong/VM20003442/2020|2020-03-14|EPI_ISL_476802|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/Brazil/RJ-1574/2020|2020-04-02|EPI_ISL_467345|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/UT-0507/2020|2020-04-02|EPI_ISL_430055|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Thailand/Bangkok-16110/2020|2020-11-00|EPI_ISL_708819|Vero P1|hCoV-19^^Bangkok|Human|Urban Institute for Disease Prevention and Control|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Northern Ireland/NIRE-108E2B/2020|2020-10-11|EPI_ISL_627565|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-340D6/2020|2020-04-19|EPI_ISL_446869|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0646/2020|2020-05-15|EPI_ISL_698802|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/EDB4367/2020|2020-04-24|EPI_ISL_449300|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WA-S2326/2020|2020-06-11|EPI_ISL_496958|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B5180D/2020|2020-11-08|EPI_ISL_658128|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11677/2020|2020-08-16|EPI_ISL_625489|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-13487/2020|2020-11-30|EPI_ISL_712826|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-BA1F36/2020|2020-11-18|EPI_ISL_672799|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75E48/2020|2020-03-29|EPI_ISL_438397|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22089/2020|2020-12-14|EPI_ISL_758547|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18097/2020|2020-11-13|EPI_ISL_784445|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-27B7B/2020|2020-04-01|EPI_ISL_431903|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0958/2020|2020-07-13|EPI_ISL_569010|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUA-B7EF50/2020|2020-11-14|EPI_ISL_661837|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204221390/2020|2020-00-00|EPI_ISL_593790|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-4294/2020|2020-07-00|EPI_ISL_692523|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/205041756/2020|2020-00-00|EPI_ISL_710525|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98010589/2020|2020-11-06|EPI_ISL_722247|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Germany/BE-ChVir-W1679-4309/2020|2020-08-01|EPI_ISL_753768|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-15260/2020|2020-11-23|EPI_ISL_713728|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-669D44/2020|2020-07-03|EPI_ISL_555610|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CC2314/2020|2020-12-21|EPI_ISL_760356|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CC2C19/2020|2020-12-21|EPI_ISL_760653|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16826/2020|2020-08-12|EPI_ISL_663589|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NA_301/2020|2020-04-01|EPI_ISL_422610|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-A76C07/2020|2020-10-12|EPI_ISL_613347|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B51A61/2020|2020-11-06|EPI_ISL_658195|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-23683/2020|2020-10-06|EPI_ISL_661280|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/LIVE-DB7BDD/2020|2020-10-28|EPI_ISL_650257|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168102/2020|2020-04-19|EPI_ISL_494203|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-258600-01/2020|2020-10-30|EPI_ISL_734413|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Portugal/PT0157/2020|2020-03-27|EPI_ISL_453873|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/India/TG-CCMB-J288/2020|2020-04-01|EPI_ISL_450329|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/CAMC-AEAF32/2020|2020-10-26|EPI_ISL_647916|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A01ACB/2020|2020-10-01|EPI_ISL_595824|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-91/2020|2020-03-12|EPI_ISL_468585|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-QDX-851/2020|2020-03-16|EPI_ISL_571660|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9B59E8/2020|2020-08-28|EPI_ISL_590283|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-340157/2020|2020-10-28|EPI_ISL_721754|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-1602/2020|2020-07-05|EPI_ISL_594292|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/AZ-TG382194/2020|2020-06-15|EPI_ISL_694678|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/NOTT-1101EB/2020|2020-04-10|EPI_ISL_441481|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4288043/2020|2020-11-30|EPI_ISL_770956|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-14939/2020|2020-11-23|EPI_ISL_713533|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACDC6B/2020|2020-10-22|EPI_ISL_630196|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-2036/2020|2020-11-04|EPI_ISL_766655|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-B33977/2020|2020-11-05|EPI_ISL_659332|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036690391/2020|2020-10-29|EPI_ISL_682091|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NORT-281B40/2020|2020-03-23|EPI_ISL_488830|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB745D/2020|2020-10-21|EPI_ISL_623432|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1C455/2020|2020-11-01|EPI_ISL_646040|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CEA2E/2020|2020-10-11|EPI_ISL_611655|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/DBD-03024/2020|2020-03-02|EPI_ISL_416471|Original|hCoV-19^^Kessel-Lo|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/20124094506/2020|2020-03-18|EPI_ISL_423858|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1171/2020|2020-07-18|EPI_ISL_525198|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Jordan/AM-ALSR-3973/2020|2020-10-02|EPI_ISL_636336|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/WA-S2282/2020|2020-06-10|EPI_ISL_497710|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-B6994B/2020|2020-11-11|EPI_ISL_661523|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20203/2020|2020-11-30|EPI_ISL_748048|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CC783/2020|2020-05-10|EPI_ISL_475446|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-PV09393/2020|2020-03-19|EPI_ISL_450074|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Canada/QC_AM2/2020|2020-04-13|EPI_ISL_515213|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Israel/CVL-116-ngs/2020|2020-12-27|EPI_ISL_776816|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/QEUEH-9B8B76/2020|2020-09-07|EPI_ISL_549574|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48AE97/2020|2020-11-06|EPI_ISL_666167|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B55E61/2020|2020-11-05|EPI_ISL_658333|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21028/2020|2020-04-01|EPI_ISL_507804|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Germany/HH-hpi-pl692/2020|2020-03-15|EPI_ISL_775649|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/EXET-135B2E/2020|2020-04-09|EPI_ISL_457135|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/NORW-F004F/2020|2020-10-10|EPI_ISL_595173|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-78179/2020|2020-04-02|EPI_ISL_441139|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-98F264/2020|2020-08-27|EPI_ISL_568452|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A78018/2020|2020-10-14|EPI_ISL_613352|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2159/2020|2020-04-24|EPI_ISL_653312|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Italy/VEN-UniVR-86/2020|2020-03-23|EPI_ISL_751394|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Australia/VIC3981/2020|2020-07-15|EPI_ISL_519373|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/MILK-A6B7C8/2020|2020-10-08|EPI_ISL_625421|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6502/2020|2020-06-27|EPI_ISL_546041|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-6526/2020|2020-04-05|EPI_ISL_437856|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB4957/2020|2020-05-14|EPI_ISL_473807|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Bahrain/340859839_S13/2020|2020-10-14|EPI_ISL_632274|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/mink/Netherlands/NB-EMC-65-10/2020|2020-10-14|EPI_ISL_632491|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-A5173/2020|2020-03-05|EPI_ISL_499893|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17109/2020|2020-12-14|EPI_ISL_750328|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS0406231/2020|2020-10-22|EPI_ISL_739769|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-4914C8/2020|2020-10-14|EPI_ISL_706661|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006190/2020|2020-04-13|EPI_ISL_537336|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-CB2687/2020|2020-12-03|EPI_ISL_760949|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7B22E/2020|2020-10-15|EPI_ISL_607457|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08356/2020|2020-03-24|EPI_ISL_476140|Original|hCoV-19^^Vastmanland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Austria/CeMM0508/2020|2020-03-28|EPI_ISL_583594|Original|hCoV-19^^Linz|Human|Institute for Medical and Chemical Laboratory Diagnostics|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Netherlands/NA_332/2020|2020-04-03|EPI_ISL_455137|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/North Macedonia/8881/2020|2020-07-30|EPI_ISL_677721|Original|hCoV-19^^Shtip|Human|Clinical Hospital - Shtip|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/England/NOTT-118AAC/2020|2020-10-29|EPI_ISL_627690|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-002003/2020|2020-03-14|EPI_ISL_452396|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ella. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/reg-10151183/2020|2020-10-15|EPI_ISL_735102|Original|hCoV-19^^Hoeilaart|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Brazil/PE-IAM961/2020|2020-05-02|EPI_ISL_572366|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Italy/BAS-UniMI-2956/2020|2020-03-27|EPI_ISL_525573|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics)|Chiara|Italy

>Spike|hCoV-19/England/CAMB-83D68/2020|2020-04-23|EPI_ISL_438687|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/India/HR-THSTI-BAL-47/2020|2020-04-07|EPI_ISL_454861|Original|hCoV-19^^Haryana|Human|Translational Health Science and Technology Institute -ESIC medical college and hospital|THSTI Bioassay laboratory|Medigeshi|India

>Spike|hCoV-19/Australia/VIC8435/2020|2020-07-28|EPI_ISL_565009|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-95DF86/2020|2020-08-07|EPI_ISL_537054|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2180/2020|2020-11-27|EPI_ISL_723131|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/ALDP-94AF04/2020|2020-06-11|EPI_ISL_556437|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1332/2020|2020-03-24|EPI_ISL_775897|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/France/ARA-95401/2020|2020-10-27|EPI_ISL_732699|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-94E207/2020|2020-06-17|EPI_ISL_555567|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F871C/2020|2020-09-27|EPI_ISL_588739|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/184/2020|2020-10-07|EPI_ISL_639681|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/MI-MDHHS-SC22406/2020|2020-11-18|EPI_ISL_708239|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUA-A003EF/2020|2020-10-02|EPI_ISL_600371|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CD11B/2020|2020-10-06|EPI_ISL_596212|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/Friesland_2/2020|2020-04-01|EPI_ISL_422567|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/LA-GBCL-26492462/2020|2020-04-28|EPI_ISL_485039|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Canada/NB-231/2020|2020-03-24|EPI_ISL_479644|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/USA/CA-CZB-1507/2020|2020-04-01|EPI_ISL_468454|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/CAMB-1AFB10/2020|2020-05-03|EPI_ISL_459186|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-765/2020|2020-07-05|EPI_ISL_495470|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/OXON-B334F/2020|2020-03-24|EPI_ISL_534853|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-173-2392/2020|2020-03-19|EPI_ISL_574813|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/Wales/PHWC-16002B/2020|2020-04-18|EPI_ISL_472884|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9EF851/2020|2020-09-23|EPI_ISL_594949|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir3219/2020|2020-03-23|EPI_ISL_729547|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/TX-HMH-5758/2020|2020-06-23|EPI_ISL_546994|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1951/2020|2020-06-02|EPI_ISL_497379|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Finland/9CH11/2020|2020-12-03|EPI_ISL_732624|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-32982/2020|2020-04-15|EPI_ISL_474373|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-MPY84026/2020|2020-03-20|EPI_ISL_767837|Original|hCoV-19^^Wicklow|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Scotland/EDB2288/2020|2020-04-21|EPI_ISL_491532|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17069/2020|2020-12-14|EPI_ISL_750741|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2D4A14/2020|2020-10-17|EPI_ISL_611537|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-92D022/2020|2020-06-20|EPI_ISL_551498|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B3214/2020|2020-05-22|EPI_ISL_456753|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-96FF18/2020|2020-08-18|EPI_ISL_540330|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0083/2020|2020-06-10|EPI_ISL_511837|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/UT-UPHL-2012239501/2020|2020-08-10|EPI_ISL_745912|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-6846/2020|2020-09-00|EPI_ISL_687954|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-0784/2020|2020-04-07|EPI_ISL_512588|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-A18E4D/2020|2020-10-01|EPI_ISL_612467|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB859/2020|2020-04-20|EPI_ISL_470231|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-6392/2020|2020-10-00|EPI_ISL_740550|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/ALDP-B5C7BA/2020|2020-11-08|EPI_ISL_655686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-004175/2020|2020-03-31|EPI_ISL_510464|Original|hCoV-19^^Catalunya|Human|Instituto de Investigaciones Biom\u00e9dicas de Barcelona (CSIC)|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/IL-GMF-18664/2020|2020-09-03|EPI_ISL_547774|Original|hCoV-19^^Illinois|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-331459/2020|2020-10-21|EPI_ISL_614975|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-B39391/2020|2020-11-01|EPI_ISL_658906|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9B73E8/2020|2020-09-09|EPI_ISL_602093|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C9F51/2020|2020-04-14|EPI_ISL_448872|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B4A5/2020|2020-11-09|EPI_ISL_655383|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-366/2020|2020-07-24|EPI_ISL_700015|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Australia/VIC3039/2020|2020-07-03|EPI_ISL_520752|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A7B18B/2020|2020-10-15|EPI_ISL_607363|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-110DE7/2020|2020-04-29|EPI_ISL_448420|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-974833/2020|2020-08-21|EPI_ISL_575941|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2527/2020|2020-08-10|EPI_ISL_617797|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9BFE58/2020|2020-09-09|EPI_ISL_573156|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_33/2020|2020-04-22|EPI_ISL_461021|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-QDX-48/2020|2020-03-15|EPI_ISL_467836|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A85CC9/2020|2020-10-17|EPI_ISL_610536|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-10299/2020|2020-10-21|EPI_ISL_636551|Original|hCoV-19^^NoordBrabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MI-UM-10036821152/2020|2020-11-06|EPI_ISL_728415|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-4699/2020|2020-08-00|EPI_ISL_689836|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9FF575/2020|2020-10-02|EPI_ISL_600222|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8407/2020|2020-08-00|EPI_ISL_687506|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-99E54B/2020|2020-08-31|EPI_ISL_550779|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-184/2020|2020-05-07|EPI_ISL_523307|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-C8916A/2020|2020-12-17|EPI_ISL_762974|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160A5A/2020|2020-05-19|EPI_ISL_472891|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-C3125F/2020|2020-12-09|EPI_ISL_731264|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10143/2020|2020-04-07|EPI_ISL_427387|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-ALSR-1023-SAN/2020|2020-04-20|EPI_ISL_483469|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WI-UW-760/2020|2020-07-07|EPI_ISL_495465|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/VA-DCLS-0134/2020|2020-04-15|EPI_ISL_437773|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-1B1146/2020|2020-05-05|EPI_ISL_459193|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1245/2020|2020-07-30|EPI_ISL_529938|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-5045/2020|2020-06-24|EPI_ISL_544482|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48A4D1/2020|2020-11-04|EPI_ISL_652561|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8119/2020|2020-08-00|EPI_ISL_687218|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9A8D46/2020|2020-09-01|EPI_ISL_550067|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/S12BE11/2020|2020-09-22|EPI_ISL_732631|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-9C33F8/2020|2020-09-10|EPI_ISL_566714|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_620/2020|2020-03-26|EPI_ISL_460783|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-B0DBBC/2020|2020-11-02|EPI_ISL_642195|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A46E/2020|2020-11-11|EPI_ISL_673447|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12F08D9/2020|2020-11-19|EPI_ISL_679589|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL381/2020|2020-06-01|EPI_ISL_578787|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-B56194/2020|2020-11-06|EPI_ISL_658117|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_6404889/2020|2020-03-12|EPI_ISL_418838|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMC-B53267/2020|2020-11-08|EPI_ISL_657394|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21231/2020|2020-12-21|EPI_ISL_759624|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/Vs-ETHZ-380207/2020|2020-11-24|EPI_ISL_721922|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL989/2020|2020-08-18|EPI_ISL_653680|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-BC3A5B/2020|2020-11-25|EPI_ISL_703954|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6C09ED/2020|2020-07-02|EPI_ISL_557871|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2399/2020|2020-06-13|EPI_ISL_497031|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/IN-QDX-963/2020|2020-03-17|EPI_ISL_571719|Original|hCoV-19^^Indiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Austria/CeMM0212/2020|2020-03-16|EPI_ISL_438048|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Belgium/ULG-11073/2020|2020-12-15|EPI_ISL_737324|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/SC-20-1963-T07/2020|2020-07-22|EPI_ISL_516782|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/USA/UT-UPHL-2012879343/2020|2020-06-19|EPI_ISL_746405|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Wales/PHWC-493262/2020|2020-11-29|EPI_ISL_725860|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-110F0F/2020|2020-04-17|EPI_ISL_448435|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC14079/2020|2020-08-23|EPI_ISL_563958|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-72DB7/2020|2020-03-22|EPI_ISL_440112|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1634/2020|2020-08-20|EPI_ISL_614037|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-20644/2020|2020-12-21|EPI_ISL_759272|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C8E73/2020|2020-11-12|EPI_ISL_680157|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/BRIS-123F18/2020|2020-04-08|EPI_ISL_492825|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9407672/2020|2020-11-14|EPI_ISL_744906|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Brazil/SP-590/2020|2020-07-05|EPI_ISL_693216|Original|hCoV-19^^S\u00e3o Paulo|Human|Unidade de Vigil\u00e2ncia Epidemiol\u00f3gica de Araras|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/204590460/2020|2020-11-06|EPI_ISL_683502|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Italy/BAS-IZSPB-387PT/2020|2020-10-20|EPI_ISL_722921|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Switzerland/SG-ETHZ-420663/2020|2020-12-24|EPI_ISL_768145|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-QDX-2321/2020|2020-03-15|EPI_ISL_604723|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/GSTT-265D4DF/2020|2020-03-19|EPI_ISL_483968|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19506/2020|2020-12-01|EPI_ISL_783887|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-BA21A8/2020|2020-11-18|EPI_ISL_719838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4867/2020|2020-06-20|EPI_ISL_544389|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12E8F4/2020|2020-04-23|EPI_ISL_488210|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9498CE/2020|2020-06-12|EPI_ISL_556394|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1613/2020|2020-04-05|EPI_ISL_433631|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR08017/2020|2020-11-09|EPI_ISL_732482|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUEH-B6654A/2020|2020-11-11|EPI_ISL_662459|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22093/2020|2020-04-03|EPI_ISL_594205|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUEH-B7DCF0/2020|2020-11-14|EPI_ISL_741916|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-ABB94B/2020|2020-10-21|EPI_ISL_623240|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF5541/2020|2020-10-30|EPI_ISL_663200|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-350423/2020|2020-11-04|EPI_ISL_728852|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-4278/2020|2020-06-18|EPI_ISL_543490|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B9E56/2020|2020-11-03|EPI_ISL_651562|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18326/2020|2020-11-17|EPI_ISL_784674|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SG-ETHZ-100215/2020|2020-03-18|EPI_ISL_574955|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-264AE/2020|2020-03-26|EPI_ISL_422199|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18992/2020|2020-12-07|EPI_ISL_748687|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC6465/2020|2020-07-23|EPI_ISL_521243|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/UGent-142/2020|2020-05-06|EPI_ISL_481233|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Canada/NS-NML-199/2020|2020-04-24|EPI_ISL_579535|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/MILK-ACFD57/2020|2020-10-22|EPI_ISL_652137|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORT-288F10/2020|2020-03-24|EPI_ISL_458579|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/360/2020|2020-03-19|EPI_ISL_424384|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-AA4277/2020|2020-10-22|EPI_ISL_624301|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL626/2020|2020-07-02|EPI_ISL_579030|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-Wadsworth-192868-01/2020|2020-06-21|EPI_ISL_677000|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/OR-OHSU-1665/2020|2020-07-22|EPI_ISL_525997|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUI-B80AA5/2020|2020-11-14|EPI_ISL_661829|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-9F7276/2020|2020-09-27|EPI_ISL_595673|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000538/2020|2020-03-18|EPI_ISL_631998|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/BHRT-24B3F23/2020|2020-08-03|EPI_ISL_541753|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/512/2020|2020-05-23|EPI_ISL_479590|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-A681EB/2020|2020-10-12|EPI_ISL_608662|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/329752/2020|2020-03-14|EPI_ISL_496649|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-94DE8C/2020|2020-06-17|EPI_ISL_555553|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/CMX-INdRE_15/2020|2020-03-11|EPI_ISL_455439|Original|hCoV-19^^Mexico City|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Mendieta|Mexico

>Spike|hCoV-19/Equatorial Guinea/37030/2020|2020-07-14|EPI_ISL_648327|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/Australia/VIC7695/2020|2020-08-02|EPI_ISL_564584|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Brazil/RJ-00501/2020|2020-11-04|EPI_ISL_717895|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Scotland/QEUEH-9E4D20/2020|2020-09-24|EPI_ISL_601019|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FF51B/2020|2020-09-30|EPI_ISL_600345|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8110/2020|2020-06-30|EPI_ISL_784203|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CDPHE-2010280209/2020|2020-10-26|EPI_ISL_710363|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/South Africa/R12646-20/2020|2020-06-16|EPI_ISL_504206|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Australia/VIC3855/2020|2020-07-12|EPI_ISL_520568|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-7CEBA/2020|2020-04-06|EPI_ISL_441564|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5397/2020|2020-06-24|EPI_ISL_544743|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9CA670/2020|2020-09-10|EPI_ISL_567469|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15519/2020|2020-11-23|EPI_ISL_713233|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CSU-D1057-2/2020|2020-04-15|EPI_ISL_527429|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/MILK-A060D3/2020|2020-10-01|EPI_ISL_600018|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5833/2020|2020-08-00|EPI_ISL_688950|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2009680/2020|2020-07-26|EPI_ISL_605355|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NY-WCMP5H03P/2020|2020-03-13|EPI_ISL_427543|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/England/ALDP-9CD17C/2020|2020-09-16|EPI_ISL_566230|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12755/2020|2020-08-29|EPI_ISL_790506|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/OR-ILSCV12752/2020|2020-05-09|EPI_ISL_463017|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Wales/PHWC-28C95/2020|2020-04-02|EPI_ISL_445426|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Turkey/HSGM-674/2020|2020-03-26|EPI_ISL_437304|Vero P1|hCoV-19^^Nevsehir|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/England/QEUEH-AD1FE3/2020|2020-10-26|EPI_ISL_634131|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-1248/2020|2020-07-01|EPI_ISL_561222|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Belgium/ULG-10905/2020|2020-11-14|EPI_ISL_678447|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-10911/2020|2020-11-02|EPI_ISL_670280|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20134019402/2020|2020-03-23|EPI_ISL_423104|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2574C/2020|2020-03-24|EPI_ISL_422258|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2052/2020|2020-04-06|EPI_ISL_618972|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/UP-NBRI-N13-TCR323/2020|2020-04-02|EPI_ISL_516942|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/England/MILK-A8F05A/2020|2020-10-16|EPI_ISL_652116|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC454A/2020|2020-11-25|EPI_ISL_703291|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/MGI-MAEPS67/2020|2020-06-04|EPI_ISL_528744|Original|hCoV-19^^Selangor|Human|Malaysia Genome Institute|Malaysia Genome Institute|Mat Isa|Malaysia

>Spike|hCoV-19/USA/LA-EVTL1363/2020|2020-12-11|EPI_ISL_779029|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/UT-08507/2020|2020-05-18|EPI_ISL_524272|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-ALSR-5050/2020|2020-11-12|EPI_ISL_730317|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-S1519/2020|2020-05-22|EPI_ISL_495945|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-5264/2020|2020-07-00|EPI_ISL_690367|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW1187/2020|2020-10-30|EPI_ISL_667788|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/204200491/2020|2020-10-09|EPI_ISL_609882|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481C2D/2020|2020-10-18|EPI_ISL_613157|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB7857/2020|2020-09-21|EPI_ISL_572834|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Singapore/1286/2020|2020-05-09|EPI_ISL_648771|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Egypt/EGY-S039/2020|2020-08-17|EPI_ISL_526994|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/Wales/PHWC-16425E/2020|2020-05-08|EPI_ISL_474149|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5412/2020|2020-06-25|EPI_ISL_544756|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SZ-ETHZ-310384/2020|2020-10-08|EPI_ISL_603458|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/NA_392/2020|2020-04-07|EPI_ISL_455194|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-78601/2020|2020-04-05|EPI_ISL_433756|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-534/2020|2020-00-00|EPI_ISL_577962|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-C57AF1/2020|2020-12-12|EPI_ISL_736311|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14131/2020|2020-05-27|EPI_ISL_739192|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Australia/VIC9533/2020|2020-08-15|EPI_ISL_565590|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4A00FF/2020|2020-12-03|EPI_ISL_743397|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/832/2020|2020-03-24|EPI_ISL_516804|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine, \nTan Tock Seng Hospital|Department of Laboratory Medicine, \nTan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/England/ALDP-C3DDCB/2020|2020-12-10|EPI_ISL_730754|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1305/2020|2020-06-23|EPI_ISL_541243|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LIVE-9E7F3/2020|2020-04-25|EPI_ISL_453334|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1544/2020|2020-08-28|EPI_ISL_568642|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11168/2020|2020-09-03|EPI_ISL_789721|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-0384/2020|2020-04-16|EPI_ISL_467944|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/QEUA-965334/2020|2020-08-14|EPI_ISL_531188|Original|hCoV-19^^Scotland|Human|NHS GGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6322/2020|2020-09-14|EPI_ISL_615806|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A000D9/2020|2020-10-02|EPI_ISL_600350|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-QDX-2056/2020|2020-03-16|EPI_ISL_604341|Original|hCoV-19^^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC7702/2020|2020-08-01|EPI_ISL_564591|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-5112/2020|2020-08-00|EPI_ISL_690221|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B1B5EA/2020|2020-11-01|EPI_ISL_645558|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC405/2020|2020-04-20|EPI_ISL_641549|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Spain/RI-IBV-99005852/2020|2020-03-24|EPI_ISL_537395|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-841B6/2020|2020-04-16|EPI_ISL_443420|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B73DD9/2020|2020-11-12|EPI_ISL_664891|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-9646F0/2020|2020-08-11|EPI_ISL_536923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205060152/2020|2020-12-09|EPI_ISL_723043|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B8E55B/2020|2020-11-13|EPI_ISL_673972|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012408644/2020|2020-07-26|EPI_ISL_745681|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-80AFB/2020|2020-04-20|EPI_ISL_444432|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-1B0077/2020|2020-05-04|EPI_ISL_448104|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Sweden/20-50310/2020|2020-03-09|EPI_ISL_510817|Original|hCoV-19^^Ostergotland|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/New Zealand/20CV0454/2020|2020-10-19|EPI_ISL_622770|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-B22164/2020|2020-11-03|EPI_ISL_647302|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAC43D/2020|2020-10-21|EPI_ISL_652854|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Singapore/1279/2020|2020-05-07|EPI_ISL_648764|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/CA-LACPHL-AF00008/2020|2020-11-30|EPI_ISL_737243|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Luxembourg/LNS6504106/2020|2020-12-01|EPI_ISL_770948|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Northern Ireland/NIRE-101FA7/2020|2020-03-23|EPI_ISL_453482|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC381/2020|2020-04-09|EPI_ISL_430408|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/WA-UW-12384/2020|2020-06-27|EPI_ISL_570522|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-CC5D40/2020|2020-12-22|EPI_ISL_760456|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3726/2020|2020-04-00|EPI_ISL_691979|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-E89C7/2020|2020-04-11|EPI_ISL_448259|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Iceland/535/2020|2020-03-29|EPI_ISL_424555|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Australia/VIC17099/2020|2020-08-09|EPI_ISL_663731|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-2487/2020|2020-08-17|EPI_ISL_667225|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/CAMB-1B9D95/2020|2020-10-31|EPI_ISL_651556|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2530/2020|2020-12-29|EPI_ISL_779361|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/LIVE-DC40B0/2020|2020-11-08|EPI_ISL_703284|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-947F70/2020|2020-07-20|EPI_ISL_556917|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C488EA/2020|2020-12-12|EPI_ISL_736747|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010911/2020|2020-11-13|EPI_ISL_732756|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-7682B/2020|2020-03-30|EPI_ISL_438272|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORT-296BA2/2020|2020-04-28|EPI_ISL_488146|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480505/2020|2020-10-17|EPI_ISL_612896|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-BCCBD7/2020|2020-11-26|EPI_ISL_710810|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B07AD3/2020|2020-10-29|EPI_ISL_643391|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B6220B/2020|2020-11-08|EPI_ISL_656428|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB65C/2020|2020-11-20|EPI_ISL_665016|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/SHEF-CE147/2020|2020-05-05|EPI_ISL_493720|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-1B14D4/2020|2020-05-06|EPI_ISL_458572|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2027/2020|2020-03-25|EPI_ISL_653180|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/CVR3084/2020|2020-04-24|EPI_ISL_461667|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CAMC-94907B/2020|2020-07-20|EPI_ISL_568473|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8B4E9/2020|2020-10-16|EPI_ISL_643071|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9C1A22/2020|2020-09-10|EPI_ISL_573215|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-03366/2020|2020-04-23|EPI_ISL_498652|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14187/2020|2020-10-01|EPI_ISL_787472|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NoordBrabant_42/2020|2020-03-10|EPI_ISL_415500|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC8032/2020|2020-08-11|EPI_ISL_564812|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B48265/2020|2020-11-07|EPI_ISL_649407|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B123AD/2020|2020-11-02|EPI_ISL_642695|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1649/2020|2020-03-17|EPI_ISL_603966|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CO-CDPHE-2009164004/2020|2020-09-16|EPI_ISL_677653|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/TX-HMH-3706/2020|2020-06-15|EPI_ISL_543123|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B2DFC9/2020|2020-11-04|EPI_ISL_659919|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-996BF/2020|2020-04-08|EPI_ISL_439749|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Malaysia/IMR-WI203/2020|2020-09-29|EPI_ISL_718285|Vero|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Canada/QC-LSPQ-L00239332/2020|2020-03-26|EPI_ISL_536245|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Belgium/regal-10061196/2020|2020-10-06|EPI_ISL_735070|Original|hCoV-19^^Overijse|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-9D1EC9/2020|2020-09-17|EPI_ISL_601785|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21869/2020|2020-12-21|EPI_ISL_758420|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A5A5A/2020|2020-03-17|EPI_ISL_499653|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/201120477/2020|2020-03-09|EPI_ISL_464677|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22102/2020|2020-12-14|EPI_ISL_758125|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/25SS22G3/2020|2020-09-25|EPI_ISL_759920|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Canada/ON-S1837/2020|2020-11-24|EPI_ISL_729301|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Belgium/ULG-10734/2020|2020-09-18|EPI_ISL_641576|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Switzerland/VD-ETHZ-270175/2020|2020-08-29|EPI_ISL_541499|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B1B966/2020|2020-11-01|EPI_ISL_645567|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-129088/2020|2020-04-18|EPI_ISL_458873|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/PB-IMT-P151/2020|2020-05-05|EPI_ISL_539490|Original|hCoV-19^^Punjab|Human|Civil Hospital|CSIR-Institute of Microbial Technology|Patil|India

>Spike|hCoV-19/Israel/CVL-n17112/2020|2020-06-01|EPI_ISL_516886|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/MN-MDH-1154/2020|2020-05-04|EPI_ISL_476739|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-CZB-13986/2020|2020-06-16|EPI_ISL_738749|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-A46277/2020|2020-10-04|EPI_ISL_598536|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-400b/2020|2020-06-25|EPI_ISL_586518|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/VIC1640/2020|2020-05-09|EPI_ISL_456543|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-1145/2020|2020-04-25|EPI_ISL_529933|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-6054/2020|2020-10-05|EPI_ISL_620248|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20129015102/2020|2020-03-19|EPI_ISL_423997|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0662-IPL/2020|2020-04-30|EPI_ISL_483287|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-6DC09E/2020|2020-06-30|EPI_ISL_556191|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2180/2020|2020-08-19|EPI_ISL_653333|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Singapore/1141/2020|2020-04-15|EPI_ISL_648050|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/MILK-A7BA53/2020|2020-10-15|EPI_ISL_607293|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-133CF0/2020|2020-08-20|EPI_ISL_529339|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0214/2020|2020-03-28|EPI_ISL_569379|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-21133/2020|2020-12-21|EPI_ISL_759572|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Jordan/IR-ALSR-5198/2020|2020-10-06|EPI_ISL_730436|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Japan/PG-3559/2020|2020-06-00|EPI_ISL_691815|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-0733/2020|2020-04-00|EPI_ISL_684343|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1881/2020|2020-04-27|EPI_ISL_622541|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-60639/2020|2020-05-29|EPI_ISL_477738|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/WA-S2455/2020|2020-06-16|EPI_ISL_497087|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-2878/2020|2020-04-00|EPI_ISL_691004|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-9634F7/2020|2020-08-10|EPI_ISL_531614|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-843/2020|2020-03-16|EPI_ISL_571654|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9CBD01/2020|2020-09-16|EPI_ISL_575645|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AA972/2020|2020-08-13|EPI_ISL_539636|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/WI-UW-953/2020|2020-05-19|EPI_ISL_509952|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Austria/CeMM0278/2020|2020-03-25|EPI_ISL_438105|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Netherlands/LI-RIVM-20240/2020|2020-12-02|EPI_ISL_723389|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-9E04A7/2020|2020-09-20|EPI_ISL_601470|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A5855B/2020|2020-10-08|EPI_ISL_596940|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0175/2020|2020-08-26|EPI_ISL_548044|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-B21903/2020|2020-11-01|EPI_ISL_647328|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0831/2020|2020-05-19|EPI_ISL_698970|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/PG-5762/2020|2020-08-00|EPI_ISL_688881|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A69BEC/2020|2020-10-09|EPI_ISL_608801|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9F48/2020|2020-03-23|EPI_ISL_517376|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1384/2020|2020-09-05|EPI_ISL_536755|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-3208/2020|2020-06-12|EPI_ISL_544077|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-3868/2020|2020-03-25|EPI_ISL_427197|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/BL-UHB-42167842/2020|2020-02-26|EPI_ISL_527917|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Canada/QC-LSPQ-L00239407/2020|2020-03-24|EPI_ISL_536250|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Centre-de-la-Mauricie|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/AZ-TG670264/2020|2020-04-30|EPI_ISL_696440|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/AZ-TG366765/2020|2020-06-04|EPI_ISL_694511|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-9F1AED/2020|2020-09-23|EPI_ISL_589660|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1120/2020|2020-03-09|EPI_ISL_614591|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-C03E61/2020|2020-12-03|EPI_ISL_720761|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2589/2020|2020-06-18|EPI_ISL_497221|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-B4671D/2020|2020-11-07|EPI_ISL_656138|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18617/2020|2020-11-20|EPI_ISL_784965|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-AEC97/2020|2020-04-08|EPI_ISL_448776|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0259/2020|2020-09-29|EPI_ISL_755407|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Chile/RM-191226/2020|2020-09-26|EPI_ISL_746746|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/MILK-993C9C/2020|2020-08-27|EPI_ISL_552326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7506/2020|2020-00-00|EPI_ISL_564455|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BB547C/2020|2020-11-20|EPI_ISL_701948|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0386/2020|2020-03-20|EPI_ISL_454102|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW-8330/2020|2020-04-27|EPI_ISL_570203|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16101/2020|2020-10-27|EPI_ISL_785785|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0141/2020|2020-08-27|EPI_ISL_568535|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Denmark/DCGC-8793/2020|2020-10-26|EPI_ISL_626040|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036515220/2020|2020-10-19|EPI_ISL_628875|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/LIVE-9C7C8/2020|2020-04-01|EPI_ISL_449579|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-3337/2020|2020-04-00|EPI_ISL_691452|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-96A988/2020|2020-08-17|EPI_ISL_531242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1639D2/2020|2020-05-07|EPI_ISL_474025|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB5AF/2020|2020-09-16|EPI_ISL_575716|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9B1B8C/2020|2020-09-03|EPI_ISL_566457|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9E4090/2020|2020-09-24|EPI_ISL_601026|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12486/2020|2020-09-28|EPI_ISL_790361|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B7F9BB/2020|2020-11-14|EPI_ISL_668282|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC347b/2020|2020-06-18|EPI_ISL_514590|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Denmark/DCGC-8552/2020|2020-10-26|EPI_ISL_625847|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A2055C/2020|2020-10-01|EPI_ISL_587651|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008937/2020|2020-05-27|EPI_ISL_525042|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/India/MH-ACTREC-134/2020|2020-05-28|EPI_ISL_699790|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/North Macedonia/ChVir7912/2020|2020-06-25|EPI_ISL_492082|Original|hCoV-19^^North Macedonia|Human|Institute for Public Health of the Republic of North Macedonia|Charite Universitatsmedizin Berlin|Muehlemann|North Macedonia

>Spike|hCoV-19/England/QEUA-A1EE0B/2020|2020-10-01|EPI_ISL_587354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11968/2020|2020-09-14|EPI_ISL_670654|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1972/2020|2020-06-14|EPI_ISL_766732|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Netherlands/UT-EMC-216/2020|2020-12-10|EPI_ISL_722763|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR1932/2020|2020-04-08|EPI_ISL_484525|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-13075C/2020|2020-04-12|EPI_ISL_492529|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13E5FA/2020|2020-00-00|EPI_ISL_724335|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/EDB5438/2020|2020-04-11|EPI_ISL_473820|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8923/2020|2020-07-02|EPI_ISL_780834|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/3585/2020|2020-07-31|EPI_ISL_590940|Original|hCoV-19^^Norway|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Netherlands/Utrecht_39/2020|2020-04-28|EPI_ISL_461237|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORT-281B04/2020|2020-03-23|EPI_ISL_472176|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_120/2020|2020-05-22|EPI_ISL_460881|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9C32CE/2020|2020-09-10|EPI_ISL_566816|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B0CB0/2020|2020-04-17|EPI_ISL_478952|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1B873E/2020|2020-10-27|EPI_ISL_650265|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17538/2020|2020-12-14|EPI_ISL_751053|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9781E9/2020|2020-07-29|EPI_ISL_526404|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NOTT-1205DD/2020|2020-12-08|EPI_ISL_725631|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9518/2020|2020-11-09|EPI_ISL_668474|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-1295/2020|2020-03-18|EPI_ISL_422990|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/AZ-TG547254/2020|2020-07-03|EPI_ISL_695450|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Germany/HH-hpi-p1544/2020|2020-03-15|EPI_ISL_776035|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/India/MH-AFCO-9304/2020|2020-06-23|EPI_ISL_722195|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Denmark/DCGC-19113/2020|2020-12-07|EPI_ISL_748764|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-2454/2020|2020-11-18|EPI_ISL_734199|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FC9C0/2020|2020-04-21|EPI_ISL_470027|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E5CAA/2020|2020-09-24|EPI_ISL_589298|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9574/2020|2020-07-05|EPI_ISL_780163|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20CV0063/2020|2020-06-19|EPI_ISL_548104|Original|hCoV-19^^Combined Auckland|Human|LabTests|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-984C43/2020|2020-08-01|EPI_ISL_529567|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F8A3/2020|2020-10-15|EPI_ISL_607228|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE0F4/2020|2020-04-26|EPI_ISL_524608|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9AEF77/2020|2020-09-03|EPI_ISL_573518|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-95F1D9/2020|2020-08-09|EPI_ISL_532301|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-158/2020|2020-03-15|EPI_ISL_428254|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21214/2020|2020-04-01|EPI_ISL_507471|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-13201/2020|2020-11-30|EPI_ISL_712648|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-7C6290/2020|2020-07-23|EPI_ISL_532858|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LOM-INMI-13221/2020|2020-03-01|EPI_ISL_460085|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/Wales/PHWC-4A55DD/2020|2020-12-16|EPI_ISL_764891|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-22736/2020|2020-05-06|EPI_ISL_615086|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUEH-B2E265/2020|2020-11-03|EPI_ISL_646387|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW138/2020|2020-03-23|EPI_ISL_427761|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC14825/2020|2020-09-26|EPI_ISL_593014|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-12513B7/2020|2020-11-14|EPI_ISL_665648|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27425/2020|2020-03-30|EPI_ISL_432338|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5A03/2020|2020-08-28|EPI_ISL_590441|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9747DC/2020|2020-08-16|EPI_ISL_575959|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49BA44/2020|2020-12-06|EPI_ISL_742419|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH1-138/2020|2020-02-24|EPI_ISL_454915|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/PORT-2D76A4/2020|2020-11-08|EPI_ISL_650981|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1111/2020|2020-05-03|EPI_ISL_470791|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-B3343A/2020|2020-11-05|EPI_ISL_659315|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7571/2020|2020-06-25|EPI_ISL_546862|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48FC4D/2020|2020-11-11|EPI_ISL_681206|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-10FA8A/2020|2020-04-06|EPI_ISL_432680|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22258/2020|2020-08-03|EPI_ISL_570646|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC12018/2020|2020-09-12|EPI_ISL_563507|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B3B82/2020|2020-05-27|EPI_ISL_461581|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/VIC15530/2020|2020-08-07|EPI_ISL_593349|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR4481/2020|2020-09-20|EPI_ISL_585345|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl442/2020|2020-03-10|EPI_ISL_775961|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/TX-HMH-MCoV-8489/2020|2020-07-01|EPI_ISL_780588|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-QDX-142/2020|2020-03-16|EPI_ISL_467893|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR5883/2020|2020-11-16|EPI_ISL_705645|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/SHEF-C8D1C/2020|2020-05-21|EPI_ISL_484476|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2307/2020|2020-08-10|EPI_ISL_617732|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-12716/2020|2020-08-30|EPI_ISL_790479|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB3992/2020|2020-04-13|EPI_ISL_453103|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/204381150/2020|2020-10-22|EPI_ISL_649853|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B83C8E/2020|2020-11-14|EPI_ISL_675201|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AS-IBV-98006640/2020|2020-04-08|EPI_ISL_654622|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-1574/2020|2020-04-01|EPI_ISL_494667|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/OXON-AEBB8/2020|2020-00-00|EPI_ISL_448765|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/PORT-2D0DB5/2020|2020-03-30|EPI_ISL_475284|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMB-7CD80/2020|2020-04-06|EPI_ISL_442255|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16147/2020|2020-10-28|EPI_ISL_785831|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-2039/2020|2020-05-15|EPI_ISL_486284|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Wales/PHWC-2F3C6/2020|2020-04-06|EPI_ISL_446244|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-CB661A/2020|2020-12-18|EPI_ISL_761675|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BABA68/2020|2020-11-18|EPI_ISL_720569|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1402/2020|2020-04-11|EPI_ISL_487832|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200591/2020|2020-11-21|EPI_ISL_753117|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-3028/2020|2020-04-00|EPI_ISL_691151|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-1264FDB/2020|2020-11-24|EPI_ISL_724578|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005079/2020|2020-04-22|EPI_ISL_510362|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/NM-UNM-00639/2020|2020-05-08|EPI_ISL_560349|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/20128014506/2020|2020-03-19|EPI_ISL_423939|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/444/2020|2020-04-15|EPI_ISL_475975|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-7228/2020|2020-10-12|EPI_ISL_619213|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-003250/2020|2020-03-16|EPI_ISL_480973|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/MD-HP00030/2020|2020-03-20|EPI_ISL_434686|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Mehoke|USA

>Spike|hCoV-19/Scotland/EDB1183/2020|2020-04-08|EPI_ISL_433427|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1939/2020|2020-09-30|EPI_ISL_644927|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-UW-31625/2020|2020-10-21|EPI_ISL_735488|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Sweden/20-51753/2020|2020-05-27|EPI_ISL_475527|Original|hCoV-19^^Uppsala|Human|Uppsala Narakut Aleris|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-4A41F8/2020|2020-12-16|EPI_ISL_764665|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300259/2020|2020-10-01|EPI_ISL_603291|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/Utrecht_8/2020|2020-03-03|EPI_ISL_414441|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-A22A4C/2020|2020-10-03|EPI_ISL_612539|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/201380850/2020|2020-03-27|EPI_ISL_465839|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-C8B61E/2020|2020-12-17|EPI_ISL_756402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/82/2020|2020-04-14|EPI_ISL_435687|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/CA-ALSR-1917/2020|2020-04-24|EPI_ISL_512233|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/205180794/2020|2020-12-16|EPI_ISL_766469|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1788/2020|2020-07-13|EPI_ISL_618212|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A50B15/2020|2020-10-07|EPI_ISL_597814|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF0DD5/2020|2020-10-29|EPI_ISL_666006|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NOTT-112A93/2020|2020-04-23|EPI_ISL_493580|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Brazil/SP-L10-CD142/2020|2020-03-14|EPI_ISL_476172|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/TX-HMH-1384/2020|2020-04-21|EPI_ISL_542687|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B62D91/2020|2020-11-08|EPI_ISL_655438|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A8C7D/2020|2020-04-01|EPI_ISL_539068|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2574/2020|2020-04-16|EPI_ISL_477977|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012165565/2020|2020-10-22|EPI_ISL_745610|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-12340/2020|2020-10-11|EPI_ISL_648415|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/CT-IBV-97010136/2020|2020-11-02|EPI_ISL_683647|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUEH-B407B9/2020|2020-11-08|EPI_ISL_657262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-166C4F/2020|2020-06-13|EPI_ISL_494097|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20827/2020|2020-12-24|EPI_ISL_790883|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Australia/VIC5344/2020|2020-07-18|EPI_ISL_520107|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-A0B548/2020|2020-10-03|EPI_ISL_599477|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-295/2020|2020-03-28|EPI_ISL_476524|Original|hCoV-19^^New York|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/France/ARA-9584/2020|2020-03-16|EPI_ISL_509003|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|GH Les Portes du Sud|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-12175/2020|2020-09-21|EPI_ISL_790234|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B988CE/2020|2020-11-15|EPI_ISL_673651|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B316/2020|2020-12-09|EPI_ISL_731697|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC397/2020|2020-04-13|EPI_ISL_430424|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/India/TG-CCMB-R394/2020|2020-08-09|EPI_ISL_539630|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Japan/PG-2203/2020|2020-04-00|EPI_ISL_685808|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-492CED/2020|2020-11-27|EPI_ISL_725777|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-BCCB5F/2020|2020-11-25|EPI_ISL_704354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18749/2020|2020-11-21|EPI_ISL_785088|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-C542ED/2020|2020-12-12|EPI_ISL_757055|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99007166/2020|2020-08-23|EPI_ISL_541936|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Ireland/D-SVUH-R5947/2020|2020-03-30|EPI_ISL_596649|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-B965D8/2020|2020-11-13|EPI_ISL_676019|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AADCA/2020|2020-10-22|EPI_ISL_624044|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B98F05/2020|2020-11-15|EPI_ISL_673354|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3143/2020|2020-07-12|EPI_ISL_520850|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-0470/2020|2020-04-02|EPI_ISL_495376|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B46A8D/2020|2020-11-07|EPI_ISL_656183|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24654/2020|2020-11-04|EPI_ISL_646998|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8FEFF1/2020|2020-06-24|EPI_ISL_556986|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Shandong/LY007-2/2020|2020-01-25|EPI_ISL_414940|Original|hCoV-19^^Shandong|Human|Shandong Provincial Center for Disease Control and Prevention|Beijing Institute of Microbiology and Epidemiology|Ma|China

>Spike|hCoV-19/USA/TX-HMH-MCoV-15684/2020|2020-07-09|EPI_ISL_785368|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-2445/2020|2020-06-01|EPI_ISL_545312|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-12517F7/2020|2020-11-20|EPI_ISL_679440|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036633059/2020|2020-10-26|EPI_ISL_650041|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/LOND-D4472/2020|2020-04-08|EPI_ISL_444124|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-B38CB5/2020|2020-11-01|EPI_ISL_658989|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2332/2020|2020-07-07|EPI_ISL_635433|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-CB5156/2020|2020-12-18|EPI_ISL_761816|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4059/2020|2020-09-30|EPI_ISL_635136|Original|hCoV-19^^Tr\u00f8ndelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Denmark/DCGC-3249/2020|2020-08-31|EPI_ISL_615946|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-QDX-96/2020|2020-03-13|EPI_ISL_468588|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20683/2020|2020-05-12|EPI_ISL_471707|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/MB-NML-626/2020|2020-03-23|EPI_ISL_582293|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/FL-BPHL-1055/2020|2020-06-03|EPI_ISL_517945|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MA_2652/2020|2020-03-06|EPI_ISL_424914|Original|hCoV-19^^Massachusetts|Human|MA State Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-741/2020|2020-04-09|EPI_ISL_546747|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-EBB46/2020|2020-05-05|EPI_ISL_457480|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4747/2020|2020-09-14|EPI_ISL_622186|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-484817/2020|2020-10-23|EPI_ISL_628048|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B327AB/2020|2020-11-05|EPI_ISL_659567|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8850/2020|2020-07-23|EPI_ISL_565235|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-UM-10036206650/2020|2020-09-30|EPI_ISL_590736|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NORW-EE78B/2020|2020-00-00|EPI_ISL_529246|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1183/2020|2020-03-16|EPI_ISL_614648|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p2059/2020|2020-03-21|EPI_ISL_775644|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/CVR2466/2020|2020-04-14|EPI_ISL_493803|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-7331E/2020|2020-03-23|EPI_ISL_440268|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-296/2020|2020-07-14|EPI_ISL_699948|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-A6743E/2020|2020-10-12|EPI_ISL_630423|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-204/2020|2020-03-30|EPI_ISL_463142|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/WA-S205/2020|2020-03-20|EPI_ISL_430243|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Scotland/GCVR-172220/2020|2020-03-30|EPI_ISL_469966|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6099/2020|2020-05-12|EPI_ISL_478221|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/IL-QDX-284/2020|2020-03-19|EPI_ISL_571035|Original|hCoV-19^^Illinois|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM67203110/2020|2020-12-04|EPI_ISL_753623|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/CAMC-A576B3/2020|2020-10-08|EPI_ISL_597372|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/AP-CCMB-BB567/2020|2020-12-25|EPI_ISL_745199|Original|hCoV-19^^Andhra Pradesh|Human|Rangaraya Medical College|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Denmark/DCGC-4112/2020|2020-09-14|EPI_ISL_622068|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WY-WYPHL-00055/2020|2020-03-24|EPI_ISL_462947|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/Japan/IC-0090/2020|2020-07-00|EPI_ISL_591539|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LEED-2AA437/2020|2020-03-30|EPI_ISL_538852|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7787/2020|2020-07-00|EPI_ISL_686889|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B2437B/2020|2020-11-04|EPI_ISL_646849|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-260079/2020|2020-08-25|EPI_ISL_539401|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-16325/2020|2020-11-01|EPI_ISL_786009|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC11400/2020|2020-08-28|EPI_ISL_562722|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-D2720/2020|2020-04-15|EPI_ISL_448913|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A36BE/2020|2020-12-15|EPI_ISL_744125|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19124/2020|2020-11-24|EPI_ISL_783641|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/BB-ChVir-D932-5620/2020|2020-03-14|EPI_ISL_753770|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/OR-OHSU-1886/2020|2020-07-28|EPI_ISL_667085|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Luxembourg/LNS4210904/2020|2020-11-10|EPI_ISL_740431|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/204591853/2020|2020-00-00|EPI_ISL_637189|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-C39E9F/2020|2020-12-09|EPI_ISL_730747|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-473/2020|2020-12-11|EPI_ISL_770707|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcrreseldorf-Centrum GbR \u00dcbAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/MILK-9936E9/2020|2020-08-27|EPI_ISL_552111|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Chonburi-SQ-TS0001/2020|2020-07-24|EPI_ISL_708801|Vero 1|hCoV-19^^Chonburi|Human|Regional medical sciences center 6 chonburi|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Japan/PG-6893/2020|2020-08-00|EPI_ISL_688001|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B95F9F/2020|2020-11-13|EPI_ISL_676175|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10771/2020|2020-10-31|EPI_ISL_644617|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-ALSR-2201/2020|2020-06-23|EPI_ISL_635385|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22689/2020|2020-11-23|EPI_ISL_737303|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-659/2020|2020-09-28|EPI_ISL_632421|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-831/2020|2020-05-14|EPI_ISL_509838|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/QEUH-9968FF/2020|2020-08-29|EPI_ISL_559989|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9C1E08/2020|2020-09-11|EPI_ISL_566595|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9801/2020|2020-07-25|EPI_ISL_565725|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-350/2020|2020-03-24|EPI_ISL_524439|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|Laboratory Medicine|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-ABB2B9/2020|2020-10-21|EPI_ISL_623272|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8621/2020|2020-07-01|EPI_ISL_780657|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S641/2020|2020-04-18|EPI_ISL_438194|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18298/2020|2020-11-17|EPI_ISL_784646|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-9604AF/2020|2020-08-05|EPI_ISL_532130|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E880D/2020|2020-09-24|EPI_ISL_637577|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2106/2020|2020-03-07|EPI_ISL_653259|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NORW-F6049/2020|2020-11-06|EPI_ISL_650903|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482433/2020|2020-10-20|EPI_ISL_613219|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0317/2020|2020-06-02|EPI_ISL_489726|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/DC-HP00145/2020|2020-03-26|EPI_ISL_457775|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Denmark/DCGC-14371/2020|2020-11-30|EPI_ISL_711727|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/IDF-10074LD/2020|2020-03-00|EPI_ISL_447684|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/USA/CA-QDX-185/2020|2020-04-28|EPI_ISL_494505|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-DSHS-0989/2020|2020-06-16|EPI_ISL_614005|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LOND-D5884/2020|2020-04-17|EPI_ISL_457270|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-300323/2020|2020-09-26|EPI_ISL_603355|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-9E016/2020|2020-04-03|EPI_ISL_453261|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/C200043744/2020|2020-11-06|EPI_ISL_666727|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC5439/2020|2020-07-15|EPI_ISL_520190|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-000604/2020|2020-03-11|EPI_ISL_632062|Original|hCoV-19^^New York|Human|NYC Department Of Health And Mental Hygiene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MD-HP12137/2020|2020-12-26|EPI_ISL_791447|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Northern Ireland/NIRE-23555C/2020|2020-10-26|EPI_ISL_764441|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/LIVE-DCB3ED/2020|2020-11-27|EPI_ISL_724401|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-998C8/2020|2020-04-09|EPI_ISL_439770|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Sweden/20-53325/2020|2020-10-26|EPI_ISL_676536|Original|hCoV-19^^Gavleborg|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/VA-DCLS-1594/2020|2020-08-14|EPI_ISL_610147|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Thailand/Bangkok-Sha06/2020|2020-10-09|EPI_ISL_708814|Original|hCoV-19^^Bangkok|Human|World Medical Hospital|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Australia/VIC3914/2020|2020-07-13|EPI_ISL_520626|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/GSTT-5253/2020|2020-03-19|EPI_ISL_560666|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-95AC46/2020|2020-06-12|EPI_ISL_554913|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6975113/2020|2020-11-10|EPI_ISL_744488|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Germany/BW-UKT-a089/2020|2020-04-14|EPI_ISL_723116|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/England/NORT-2829EB/2020|2020-03-26|EPI_ISL_488594|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-1081/2020|2020-03-19|EPI_ISL_571824|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-B7A516/2020|2020-11-12|EPI_ISL_741120|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20023/2020|2020-12-07|EPI_ISL_747937|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2E916/2020|2020-10-05|EPI_ISL_587098|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BF0B43/2020|2020-12-05|EPI_ISL_709142|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19672/2020|2020-12-07|EPI_ISL_749102|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B5C5CF/2020|2020-11-10|EPI_ISL_655840|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE610/2020|2020-04-27|EPI_ISL_459419|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164C9C/2020|2020-05-18|EPI_ISL_479366|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-122F55/2020|2020-04-01|EPI_ISL_440696|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-54D7D0/2020|2020-05-12|EPI_ISL_533382|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA167/2020|2020-03-26|EPI_ISL_596730|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/DCGC-4601/2020|2020-09-21|EPI_ISL_621270|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-L1-CAMPI16/2020|2020-04-08|EPI_ISL_476158|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Faria|Brazil

>Spike|hCoV-19/USA/NY-QDX-1259/2020|2020-03-16|EPI_ISL_572023|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-CZB-3289/2020|2020-07-17|EPI_ISL_548266|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/BRIS-124D68/2020|2020-03-26|EPI_ISL_443874|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Beijing/DT-travelIRI01/2020|2020-03-12|EPI_ISL_452333|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/England/ALDP-8D728C/2020|2020-06-24|EPI_ISL_557114|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13072/2020|2020-08-29|EPI_ISL_788223|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FA77D/2020|2020-03-30|EPI_ISL_441697|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B77063/2020|2020-11-12|EPI_ISL_723841|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3281C/2020|2020-04-15|EPI_ISL_474354|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1F73/2020|2020-10-22|EPI_ISL_624260|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9322/2020|2020-11-06|EPI_ISL_652056|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4CBB/2020|2020-12-09|EPI_ISL_764780|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008490/2020|2020-09-10|EPI_ISL_654064|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-3242/2020|2020-08-24|EPI_ISL_616822|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-L22-CD479/2020|2020-04-03|EPI_ISL_476377|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/CA-QDX-38/2020|2020-03-15|EPI_ISL_467830|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-2521/2020|2020-08-17|EPI_ISL_617791|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-498449/2020|2020-12-01|EPI_ISL_727075|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-97544D/2020|2020-08-21|EPI_ISL_552573|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C0B4/2020|2020-04-14|EPI_ISL_433990|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99009654/2020|2020-10-28|EPI_ISL_654384|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Egypt/CUNCI-HGC5I003/2020|2020-06-02|EPI_ISL_479711|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/England/NORW-2219FD/2020|2020-12-18|EPI_ISL_764460|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-S2046/2020|2020-06-05|EPI_ISL_497474|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-AA4E55/2020|2020-10-21|EPI_ISL_630845|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-816C9/2020|2020-04-12|EPI_ISL_442608|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CAMC-945B8D/2020|2020-07-16|EPI_ISL_556682|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC631/2020|2020-04-02|EPI_ISL_444748|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-BA9A79/2020|2020-11-17|EPI_ISL_681440|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-BIE-048/2020|2020-04-06|EPI_ISL_463296|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9994/2020|2020-07-06|EPI_ISL_780373|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-A9F1EB/2020|2020-10-19|EPI_ISL_651074|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4963A8/2020|2020-11-18|EPI_ISL_726571|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4624/2020|2020-06-22|EPI_ISL_543763|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/8May38S18/2020|2020-05-08|EPI_ISL_481725|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-A7A896/2020|2020-10-15|EPI_ISL_606581|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2060/2020|2020-11-10|EPI_ISL_732274|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-8955/2020|2020-09-00|EPI_ISL_686501|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/EXET-13DB44/2020|2020-12-01|EPI_ISL_724278|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2725/2020|2020-08-17|EPI_ISL_616470|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1859/2020|2020-09-17|EPI_ISL_605731|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/EDB156/2020|2020-03-23|EPI_ISL_425921|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/DRC/10533/2020|2020-05-20|EPI_ISL_527548|Original|hCoV-19^^Sud Kivu|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Wales/MILK-9C21D1/2020|2020-09-11|EPI_ISL_566654|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-949679/2020|2020-07-20|EPI_ISL_556930|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9172/2020|2020-07-02|EPI_ISL_780979|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B23C62/2020|2020-11-04|EPI_ISL_646277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1656/2020|2020-07-04|EPI_ISL_594345|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-DSHS-0928/2020|2020-06-15|EPI_ISL_602226|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMB-79794/2020|2020-04-01|EPI_ISL_441053|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-7D2BD/2020|2020-04-04|EPI_ISL_441556|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-41091-01/2020|2020-04-07|EPI_ISL_676816|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-B02A41/2020|2020-10-24|EPI_ISL_642763|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129163104/2020|2020-03-21|EPI_ISL_424124|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15784/2020|2020-07-09|EPI_ISL_785468|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-0888/2020|2020-04-06|EPI_ISL_435389|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-UW-19700/2020|2020-08-01|EPI_ISL_570804|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/UT-UPHL-2009001/2020|2020-05-11|EPI_ISL_525312|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-A7010E/2020|2020-10-15|EPI_ISL_608008|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1139/2020|2020-04-15|EPI_ISL_648048|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/CAMB-81FBF/2020|2020-04-21|EPI_ISL_438603|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-A57D63/2020|2020-10-09|EPI_ISL_597215|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-994B34/2020|2020-08-25|EPI_ISL_552198|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B10F32/2020|2020-11-02|EPI_ISL_649611|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-128308/2020|2020-04-16|EPI_ISL_469801|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2049/2020|2020-06-13|EPI_ISL_521909|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-000443/2020|2020-03-31|EPI_ISL_631917|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/NORT-284293/2020|2020-03-18|EPI_ISL_488508|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/NIV-P1-Q100/2020|2020-03-10|EPI_ISL_637100|Vero CCL81 P1|hCoV-19^^Iran|Human|Indian Council of Medical Research-National Institute of Virology,\u00a0Microbial Containment Complex|Indian Council of Medical Research-National Institute of Virology,\u00a0Microbial Containment Complex|Yadav|Iran

>Spike|hCoV-19/India/GJ-GBRC204b/2020|2020-06-07|EPI_ISL_475029|Original|hCoV-19^^Gujarat|Human|Banas Medical College and Research Institute|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/LIVE-DCB2B3/2020|2020-11-24|EPI_ISL_724396|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15101/2020|2020-10-16|EPI_ISL_786585|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1045/2020|2020-07-29|EPI_ISL_516471|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-1832/2020|2020-07-13|EPI_ISL_622604|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S2342/2020|2020-06-12|EPI_ISL_496974|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC3895/2020|2020-07-12|EPI_ISL_520607|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012618881/2020|2020-08-04|EPI_ISL_746040|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LOND-126413F/2020|2020-11-14|EPI_ISL_679527|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/EDB3656/2020|2020-04-28|EPI_ISL_439307|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B52DD0/2020|2020-11-09|EPI_ISL_657562|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2704/2020|2020-06-04|EPI_ISL_545490|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/SC-DHEC-0883/2020|2020-06-26|EPI_ISL_538434|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/England/MILK-80A675/2020|2020-07-15|EPI_ISL_557188|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0947/2020|2020-06-27|EPI_ISL_699083|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/PG-6839/2020|2020-09-00|EPI_ISL_687947|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/TG-CCMB-AA770/2020|2020-08-13|EPI_ISL_539693|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Wales/PHWC-48F885/2020|2020-11-10|EPI_ISL_681150|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/SP-L39-CD1033/2020|2020-05-12|EPI_ISL_722070|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Denmark/DCGC-3009/2020|2020-08-24|EPI_ISL_616785|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1108/2020|2020-03-00|EPI_ISL_684718|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/PAC-IHU-1610/2020|2020-09-04|EPI_ISL_569227|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/WA-UW-5177/2020|2020-04-01|EPI_ISL_430868|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-5700/2020|2020-07-00|EPI_ISL_688824|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-49D884/2020|2020-11-26|EPI_ISL_742840|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S224/2020|2020-03-19|EPI_ISL_430262|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUA-AD1F7A/2020|2020-10-26|EPI_ISL_629982|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F1A31/2020|2020-11-12|EPI_ISL_725131|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-24/2020|2020-03-15|EPI_ISL_467898|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Germany/HH-hpi-p1887/2020|2020-03-24|EPI_ISL_776230|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/AL-CDC-2-3714566/2020|2020-11-04|EPI_ISL_751753|Original|hCoV-19^^Alabama|Human|AL Dept. of Public Health Bureau of Clinical Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Finland/23LS1E6/2020|2020-10-23|EPI_ISL_759771|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-C3DDE9/2020|2020-12-10|EPI_ISL_731569|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-232/2020|2020-07-06|EPI_ISL_487375|Original|hCoV-19^^Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/WI-UW-10/2020|2020-03-21|EPI_ISL_417204|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Braun|USA

>Spike|hCoV-19/Denmark/DCGC-2165/2020|2020-08-10|EPI_ISL_617464|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-11036/2020|2020-11-30|EPI_ISL_722927|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Australia/VIC11395/2020|2020-08-21|EPI_ISL_563354|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-29885E/2020|2020-04-19|EPI_ISL_493470|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-A7BAAE/2020|2020-10-15|EPI_ISL_607595|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20702/2020|2020-04-27|EPI_ISL_471726|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-19622/2020|2020-12-07|EPI_ISL_749065|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0954/2020|2020-03-29|EPI_ISL_583804|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/TX-HMH-6816/2020|2020-06-25|EPI_ISL_546263|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/DL-IGIB11304767/2020|2020-07-00|EPI_ISL_751305|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB|Max|Pandey|India

>Spike|hCoV-19/USA/UT-QDX-2649/2020|2020-03-13|EPI_ISL_604979|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-4541/2020|2020-07-00|EPI_ISL_689679|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B20B4A/2020|2020-11-02|EPI_ISL_647766|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0021/2020|2020-05-07|EPI_ISL_698231|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Russia/StPetersburg-RII7520S/2020|2020-04-20|EPI_ISL_450256|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/EDB4928/2020|2020-05-11|EPI_ISL_473799|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MS-USAFSAM-S021/2020|2020-03-19|EPI_ISL_512795|Original|hCoV-19^^Mississippi|Human|Public Health|Public Health|Fries|USA

>Spike|hCoV-19/England/CAMC-A573CB/2020|2020-10-08|EPI_ISL_597458|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001538/2020|2020-12-01|EPI_ISL_745400|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-B3A22A/2020|2020-11-01|EPI_ISL_658749|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A0AC4/2020|2020-12-10|EPI_ISL_743540|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-100055/2020|2020-03-12|EPI_ISL_466977|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL427/2020|2020-06-12|EPI_ISL_578833|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-4691/2020|2020-06-19|EPI_ISL_544261|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-0935/2020|2020-06-15|EPI_ISL_602233|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/BS-42210895/2020|2020-03-28|EPI_ISL_581806|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-94D314/2020|2020-06-16|EPI_ISL_556499|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A228F7/2020|2020-10-03|EPI_ISL_612527|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-AA175D/2020|2020-10-22|EPI_ISL_625108|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A688F5/2020|2020-10-09|EPI_ISL_608518|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79E1D/2020|2020-10-15|EPI_ISL_606828|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-B2DB4D/2020|2020-11-03|EPI_ISL_646868|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A57D09/2020|2020-10-08|EPI_ISL_597200|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003520/2020|2020-09-25|EPI_ISL_602839|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-13192/2020|2020-11-30|EPI_ISL_712148|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6017/2020|2020-09-21|EPI_ISL_621126|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUI-9C82BA/2020|2020-09-11|EPI_ISL_567174|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-ISCIII-2014937/2020|2020-08-26|EPI_ISL_691728|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/MILK-B9714C/2020|2020-11-13|EPI_ISL_675086|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D2FFB/2020|2020-05-04|EPI_ISL_475506|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20314/2020|2020-11-23|EPI_ISL_748108|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-1630/2020|2020-04-24|EPI_ISL_494700|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B0A89A/2020|2020-10-29|EPI_ISL_643415|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74312/2020|2020-11-12|EPI_ISL_662036|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW846/2020|2020-08-06|EPI_ISL_526188|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-13428/2020|2020-11-30|EPI_ISL_712792|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2033/2020|2020-07-27|EPI_ISL_618233|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-489733/2020|2020-11-01|EPI_ISL_639610|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUI-9D19AA/2020|2020-09-16|EPI_ISL_573671|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1684/2020|2020-09-08|EPI_ISL_609974|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/India/MH-ACTREC-149/2020|2020-05-31|EPI_ISL_699805|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-A4FE4D/2020|2020-10-07|EPI_ISL_597835|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7238/2020|2020-08-00|EPI_ISL_688342|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9EAB11/2020|2020-09-24|EPI_ISL_580232|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99D403/2020|2020-08-31|EPI_ISL_549866|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0697/2020|2020-04-14|EPI_ISL_568940|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-2426/2020|2020-08-10|EPI_ISL_617508|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-pl493/2020|2020-03-12|EPI_ISL_776001|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/CVR2759/2020|2020-04-20|EPI_ISL_478031|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0445/2020|2020-04-04|EPI_ISL_569513|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-A94395/2020|2020-10-19|EPI_ISL_611210|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15456/2020|2020-10-23|EPI_ISL_786940|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-4032/2020|2020-10-28|EPI_ISL_667523|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Luxembourg/LNS8755341/2020|2020-12-29|EPI_ISL_771140|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-20165/2020|2020-11-30|EPI_ISL_747633|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-001211/2020|2020-03-24|EPI_ISL_452560|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-GMF-03156/2020|2020-05-12|EPI_ISL_455572|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/NSW1189/2020|2020-10-30|EPI_ISL_667790|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-5907/2020|2020-06-30|EPI_ISL_547100|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-QDX-867/2020|2020-03-16|EPI_ISL_571673|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-A46D3A/2020|2020-10-06|EPI_ISL_598457|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6615/2020|2020-10-12|EPI_ISL_619664|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11855/2020|2020-10-26|EPI_ISL_671179|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-001946/2020|2020-03-13|EPI_ISL_452433|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-DSHS-2055/2020|2020-12-03|EPI_ISL_766646|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-91F64F/2020|2020-06-23|EPI_ISL_553300|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A518A4/2020|2020-10-07|EPI_ISL_598152|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-AA2543/2020|2020-10-22|EPI_ISL_634771|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45FAE/2020|2020-10-06|EPI_ISL_598805|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1250/2020|2020-03-16|EPI_ISL_511211|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Canada/QC_AE7/2020|2020-04-05|EPI_ISL_515200|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Australia/VIC4440/2020|2020-07-16|EPI_ISL_519736|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2275/2020|2020-06-09|EPI_ISL_497703|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Northern Ireland/NIRE-232EBE/2020|2020-09-25|EPI_ISL_680233|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Norway/2997/2020|2020-08-04|EPI_ISL_549062|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Spain/MD-IBV-99008755/2020|2020-10-20|EPI_ISL_654313|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-BCBCD5/2020|2020-11-26|EPI_ISL_703883|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/P2/2020|2020-00-00|EPI_ISL_479786|unknown|hCoV-19^^England|Human|Breuer Lab|Breuer Lab|Pang|United Kingdom

>Spike|hCoV-19/England/NOTT-11F42F/2020|2020-11-24|EPI_ISL_705094|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/EDB8663/2020|2020-10-24|EPI_ISL_650302|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Scotland/CVR3508/2020|2020-05-08|EPI_ISL_473648|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C5F6/2020|2020-05-07|EPI_ISL_472514|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9B414B/2020|2020-09-07|EPI_ISL_559879|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14964/2020|2020-11-23|EPI_ISL_713098|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CT-Yale-567/2020|2020-06-25|EPI_ISL_730052|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-7733/2020|2020-10-19|EPI_ISL_618665|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/VEN-UniVR-134/2020|2020-04-02|EPI_ISL_751431|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Costa Rica/INC-0149/2020|2020-09-19|EPI_ISL_770012|Original|hCoV-19^^San Jose|Human|Area De Salud Coronado|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/England/QEUA-C33FA1/2020|2020-12-11|EPI_ISL_734043|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EB37B/2020|2020-05-01|EPI_ISL_457423|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B07AB5/2020|2020-10-29|EPI_ISL_643546|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1747/2020|2020-03-09|EPI_ISL_620132|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A57862/2020|2020-10-07|EPI_ISL_597472|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9C9D12/2020|2020-09-14|EPI_ISL_576091|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-95E310/2020|2020-08-10|EPI_ISL_534438|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00217559/2020|2020-03-12|EPI_ISL_535764|Original|hCoV-19^^Quebec|Human|CUSM-Site Glen-LAB Microbiologie|Laboratoire de sant   publique du Qu  bec|Moreira|Canada

>Spike|hCoV-19/England/QEUA-BC4B39/2020|2020-11-25|EPI_ISL_703978|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1417/2020|2020-08-06|EPI_ISL_549199|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUA-96EC9A/2020|2020-08-19|EPI_ISL_530429|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1203B5/2020|2020-12-08|EPI_ISL_725610|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9D78A7/2020|2020-09-18|EPI_ISL_576594|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-C53934/2020|2020-12-12|EPI_ISL_769663|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22497/2020|2020-11-17|EPI_ISL_708200|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUH-AD38D7/2020|2020-10-26|EPI_ISL_633776|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/25LS13D5/2020|2020-10-25|EPI_ISL_759907|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/VIC5795/2020|2020-00-00|EPI_ISL_518591|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-3183B/2020|2020-04-10|EPI_ISL_446495|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B21341/2020|2020-11-03|EPI_ISL_647249|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7937/2020|2020-10-26|EPI_ISL_618891|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-F02EF/2020|2020-10-16|EPI_ISL_627576|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E2FE/2020|2020-12-07|EPI_ISL_742984|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B490C4/2020|2020-11-07|EPI_ISL_649396|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9ED5B/2020|2020-04-04|EPI_ISL_453391|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Norway/2506/2020|2020-04-06|EPI_ISL_493351|Original|hCoV-19^^Norway|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-A6CF92/2020|2020-10-14|EPI_ISL_608037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13577/2020|2020-11-30|EPI_ISL_712888|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0057/2020|2020-03-24|EPI_ISL_640055|Original|hCoV-19^^Western Cape|Human|Groote Schuur Hospital w GSH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Denmark/DCGC-3196/2020|2020-08-31|EPI_ISL_616019|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BB3F7D/2020|2020-11-19|EPI_ISL_701726|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2190/2020|2020-00-00|EPI_ISL_521936|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p2080/2020|2020-03-20|EPI_ISL_776349|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-12924/2020|2020-12-07|EPI_ISL_712467|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8C960/2020|2020-11-13|EPI_ISL_675979|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13648/2020|2020-08-03|EPI_ISL_563795|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-9473/2020|2020-07-03|EPI_ISL_781143|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS7991123/2020|2020-03-17|EPI_ISL_421753|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/CVR2690/2020|2020-04-17|EPI_ISL_453071|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-280207/2020|2020-09-09|EPI_ISL_560525|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Russia/SVE-RII-MH1613S/2020|2020-09-07|EPI_ISL_596296|Original|hCoV-19^^Sverdlovsk|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-1431/2020|2020-04-00|EPI_ISL_685038|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-122ED0/2020|2020-04-03|EPI_ISL_440635|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/AZ-TG395965/2020|2020-06-09|EPI_ISL_694790|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-49446B/2020|2020-11-19|EPI_ISL_726118|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-8322D/2020|2020-04-14|EPI_ISL_443485|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0989-SAN/2020|2020-03-30|EPI_ISL_483445|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Singapore/697/2020|2020-07-10|EPI_ISL_498595|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-9496/2020|2020-11-09|EPI_ISL_669002|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/RI-IBV-98002376/2020|2020-03-31|EPI_ISL_537869|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-B1FC78/2020|2020-11-02|EPI_ISL_647542|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBC132/2020|2020-11-21|EPI_ISL_705584|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-1B9FF9/2020|2020-11-06|EPI_ISL_650612|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1266/2020|2020-04-12|EPI_ISL_454686|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/SHEF-10B2CBB/2020|2020-05-11|EPI_ISL_537263|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-124/2020|2020-03-30|EPI_ISL_751424|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/India/MH-ACTREC-291/2020|2020-07-14|EPI_ISL_699943|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-18653/2020|2020-11-20|EPI_ISL_785001|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-293AE4/2020|2020-07-13|EPI_ISL_512354|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4763/2020|2020-03-27|EPI_ISL_429622|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/ALAB-HH-115/2020|2020-03-09|EPI_ISL_451999|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Japan/PG-8770/2020|2020-09-00|EPI_ISL_686366|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-761C6/2020|2020-03-29|EPI_ISL_438432|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1461/2020|2020-03-30|EPI_ISL_622488|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0161/2020|2020-05-18|EPI_ISL_698348|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-16167/2020|2020-11-16|EPI_ISL_714291|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C30DE6/2020|2020-12-11|EPI_ISL_730910|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE5140/2020|2020-10-27|EPI_ISL_633320|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-442/2020|2020-08-05|EPI_ISL_700091|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/LIVE-DC099B/2020|2020-11-04|EPI_ISL_702897|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B69B63/2020|2020-11-11|EPI_ISL_661598|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0436/2020|2020-03-23|EPI_ISL_495342|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-7509/2020|2020-10-12|EPI_ISL_619374|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UN-UW382/2020|2020-03-16|EPI_ISL_418947|Original|hCoV-19^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Austria/CeMM0355/2020|2020-04-07|EPI_ISL_475812|Original|hCoV-19^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Georgia/Tb-390/2020|2020-03-08|EPI_ISL_416477|Original|hCoV-19^Tbilisi|Human|R. G. Lugar Center for Public Health Research|R. G. Lugar Center for Public Health Research|Murtskhvaladze|Georgia

>Spike|hCoV-19/England/LIVE-9A26F/2020|2020-04-18|EPI_ISL_439861|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE79A/2020|2020-09-09|EPI_ISL_567965|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49BB7E/2020|2020-12-06|EPI_ISL_742438|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F918144/2020|2020-03-27|EPI_ISL_576222|Original|hCoV-19^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Spain/AN-IBV-001874/2020|2020-03-06|EPI_ISL_452471|Original|hCoV-19^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e1diz - INIBICA|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/LA-EVTL1407/2020|2020-12-11|EPI_ISL_779073|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Brazil/RJ-00363/2020|2020-04-20|EPI_ISL_623166|Original|hCoV-19^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-CZB-3922/2020|2020-07-25|EPI_ISL_548524|Original|hCoV-19^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/CT-IBV-97007952/2020|2020-10-05|EPI_ISL_654509|Original|hCoV-19^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-1359/2020|2020-09-08|EPI_ISL_536730|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/ALAB-SSI432/2020|2020-03-24|EPI_ISL_429528|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-16100/2020|2020-11-16|EPI_ISL_714126|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG664495/2020|2020-05-01|EPI_ISL_696120|Original|hCoV-19^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/EXET-13A43D/2020|2020-11-07|EPI_ISL_664682|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUE-9CA661/2020|2020-09-09|EPI_ISL_567338|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUE-A21694/2020|2020-10-01|EPI_ISL_587487|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65E7E/2020|2020-10-11|EPI_ISL_637366|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14116/2020|2020-10-01|EPI_ISL_787402|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4928BC/2020|2020-11-27|EPI_ISL_725714|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D6D1B/2020|2020-04-01|EPI_ISL_478425|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1216/2020|2020-04-03|EPI_ISL_579613|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/VIC16353/2020|2020-08-05|EPI_ISL_641150|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Kenya/NIC_187/2020|2020-03-20|EPI_ISL_457833|Original|hCoV-19^^Kenya|Human|National Public Health Laboratory|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Sweden/20-05819/2020|2020-03-16|EPI_ISL_452229|Original|hCoV-19^^Vastra Gotaland|Human|Narhalsan Backa vardcentral|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-48A33E/2020|2020-11-04|EPI_ISL_650340|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20298/2020|2020-03-27|EPI_ISL_447095|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Germany/HH-hpi-pl640/2020|2020-03-17|EPI_ISL_775618|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/204321417/2020|2020-10-20|EPI_ISL_649825|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-10384/2020|2020-10-08|EPI_ISL_636582|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Australia/VIC5401/2020|2020-07-19|EPI_ISL_520164|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Finland/7LS4AH2/2020|2020-10-07|EPI_ISL_756037|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-B38848/2020|2020-11-01|EPI_ISL_658968|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/TK-YE614327/2020|2020-05-00|EPI_ISL_486903|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/USA/CA-ALSR-4229/2020|2020-08-17|EPI_ISL_648899|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-4259/2020|2020-07-00|EPI_ISL_692489|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUIH-B80FC4/2020|2020-11-14|EPI_ISL_667860|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-122F82/2020|2020-04-01|EPI_ISL_440662|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0603/2020|2020-03-28|EPI_ISL_526820|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-5365/2020|2020-06-25|EPI_ISL_544719|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-4A776C/2020|2020-06-08|EPI_ISL_559587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW767/2020|2020-07-31|EPI_ISL_513409|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/WA102/2020|2020-03-25|EPI_ISL_512755|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Lithuania/KU-LUHS-Eilnr102/2020|2020-04-20|EPI_ISL_603112|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Scotland/CVR2181/2020|2020-04-11|EPI_ISL_453026|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2EE25/2020|2020-11-03|EPI_ISL_659887|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AD5477/2020|2020-10-26|EPI_ISL_649679|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28355F/2020|2020-03-29|EPI_ISL_488560|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20156033504/2020|2020-04-08|EPI_ISL_466300|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2687447/2020|2020-10-28|EPI_ISL_740168|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/SHEF-10D62A0/2020|2020-12-19|EPI_ISL_742084|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC12675/2020|2020-08-01|EPI_ISL_640955|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9CB7B8/2020|2020-09-16|EPI_ISL_575493|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-550/2020|2020-08-28|EPI_ISL_700195|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-A9478A/2020|2020-10-19|EPI_ISL_624791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BD1BC0/2020|2020-11-27|EPI_ISL_702079|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18053/2020|2020-11-16|EPI_ISL_784401|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9B7A6B/2020|2020-09-03|EPI_ISL_590564|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2166/2020|2020-11-06|EPI_ISL_677195|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/CAMC-9EC2A1/2020|2020-09-23|EPI_ISL_580495|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D3C02/2020|2020-04-04|EPI_ISL_449641|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/BRIS-12208F/2020|2020-03-21|EPI_ISL_439965|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-5D8691/2020|2020-06-19|EPI_ISL_558586|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-805/2020|2020-04-08|EPI_ISL_545817|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1749/2020|2020-06-13|EPI_ISL_710384|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/United Arab Emirates/0975/2020|2020-06-29|EPI_ISL_699110|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/BRIS-1301A9/2020|2020-04-11|EPI_ISL_492602|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-663032/2020|2020-07-03|EPI_ISL_555509|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B36EC/2020|2020-04-04|EPI_ISL_534880|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/L00160/2020|2020-07-26|EPI_ISL_622963|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/QEUA-A0BFC2/2020|2020-10-03|EPI_ISL_599401|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-83/2020|2020-05-21|EPI_ISL_530080|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/MILK-ABC2C7/2020|2020-10-21|EPI_ISL_631233|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2555/2020|2020-06-00|EPI_ISL_690690|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-9FBAB/2020|2020-06-05|EPI_ISL_472046|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4733/2020|2020-09-21|EPI_ISL_622172|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-2331B4/2020|2020-09-27|EPI_ISL_680264|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-BD3A2B/2020|2020-11-28|EPI_ISL_702262|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2081/2020|2020-07-27|EPI_ISL_618337|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0545/2020|2020-03-13|EPI_ISL_485846|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUI-B12F30/2020|2020-11-02|EPI_ISL_641812|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12EC9E/2020|2020-04-22|EPI_ISL_488426|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUI-B6944A/2020|2020-11-11|EPI_ISL_676332|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10479/2020|2020-06-08|EPI_ISL_570320|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB2242/2020|2020-04-21|EPI_ISL_439174|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/EDB6587/2020|2020-05-14|EPI_ISL_478268|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11182/2020|2020-09-15|EPI_ISL_625536|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-9C25C6/2020|2020-09-10|EPI_ISL_566629|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC0AB6/2020|2020-11-04|EPI_ISL_705323|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW267/2020|2020-03-16|EPI_ISL_418052|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-190039/2020|2020-07-08|EPI_ISL_500901|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUI-9DAF09/2020|2020-09-22|EPI_ISL_580981|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11379B/2020|2020-09-22|EPI_ISL_573428|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-130/2020|2020-04-09|EPI_ISL_537479|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/CAMB-1BD766/2020|2020-12-08|EPI_ISL_740979|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC14625/2020|2020-07-27|EPI_ISL_592921|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19687/2020|2020-11-28|EPI_ISL_784042|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K001074/2020|2020-07-14|EPI_ISL_509328|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MI-UM-10035692136/2020|2020-08-28|EPI_ISL_583266|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/CA-LACPHL-AA00035/2020|2020-11-20|EPI_ISL_710427|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/ALDP-952DF0/2020|2020-06-11|EPI_ISL_553652|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1400/2020|2020-12-11|EPI_ISL_779066|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-BB94A5/2020|2020-11-20|EPI_ISL_703183|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D6D75/2020|2020-04-01|EPI_ISL_478430|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-9C4E8D/2020|2020-09-10|EPI_ISL_567628|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2931/2020|2020-08-24|EPI_ISL_616750|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS6836311/2020|2020-11-30|EPI_ISL_770912|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/OR-OHSU-1803/2020|2020-07-27|EPI_ISL_526031|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-22379/2020|2020-12-14|EPI_ISL_757526|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B09C80/2020|2020-10-29|EPI_ISL_673191|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-962CB4/2020|2020-08-11|EPI_ISL_531838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100839/2020|2020-03-25|EPI_ISL_451787|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-AA3BB9/2020|2020-10-22|EPI_ISL_624281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BF7E/2020|2020-09-14|EPI_ISL_573994|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21947/2020|2020-03-25|EPI_ISL_565998|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-ALSR-4675/2020|2020-11-10|EPI_ISL_667071|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/France/ARA-10194/2020|2020-03-17|EPI_ISL_525537|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/SHEF-C7B22/2020|2020-11-27|EPI_ISL_706997|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/201140778/2020|2020-03-09|EPI_ISL_464741|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FBC6E/2020|2020-04-10|EPI_ISL_470044|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6DFA0/2020|2020-10-14|EPI_ISL_607841|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA962/2020|2020-09-24|EPI_ISL_580265|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200637/2020|2020-11-23|EPI_ISL_753161|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-974684/2020|2020-08-16|EPI_ISL_575766|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0127/2020|2020-08-06|EPI_ISL_682266|Original|hCoV-19^^San Jose|Human|HOSPITAL SAN JUAN DE DIOS|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/England/QEUH-9BAB83/2020|2020-09-07|EPI_ISL_573626|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC041/2020|2020-04-29|EPI_ISL_444363|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BRIS-12558D/2020|2020-03-28|EPI_ISL_443828|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D4B0/2020|2020-11-01|EPI_ISL_680632|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-23209/2020|2020-09-29|EPI_ISL_660867|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18401/2020|2020-11-18|EPI_ISL_784749|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01208/2020|2020-06-00|EPI_ISL_548830|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-BB1B11/2020|2020-11-18|EPI_ISL_720642|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/203690360/2020|2020-09-05|EPI_ISL_534727|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000854/2020|2020-03-25|EPI_ISL_632230|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/OR-ILSCV17741/2020|2020-05-13|EPI_ISL_463058|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Australia/QLD969/2020|2020-04-08|EPI_ISL_530233|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Mexico/NLE-UANL-026/2020|2020-11-17|EPI_ISL_779188|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio Estatal de Salud P\u00fablica de Nuevo Le\u00f3n|Laboratorio de Infectolog\u00eda Molecular|Gal\u00e9n|Mexico

>Spike|hCoV-19/England/SHEF-D10BD/2020|2020-10-19|EPI_ISL_637897|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-A767CA/2020|2020-10-12|EPI_ISL_613329|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9B30/2020|2020-09-24|EPI_ISL_580107|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1072/2020|2020-04-30|EPI_ISL_463562|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-487B57/2020|2020-10-29|EPI_ISL_637447|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-BC3AC4/2020|2020-11-25|EPI_ISL_704113|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB6CA/2020|2020-03-28|EPI_ISL_448965|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV19192/2020|2020-05-14|EPI_ISL_463067|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/QEUH-9F47E3/2020|2020-09-27|EPI_ISL_588420|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5BF59/2020|2020-11-09|EPI_ISL_655791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-98F97E/2020|2020-08-26|EPI_ISL_539898|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1307/2020|2020-12-18|EPI_ISL_767873|Original|hCoV-19^^New South Wales|Human|Histopath|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Netherlands/NB-EMC-394/2020|2020-00-00|EPI_ISL_722471|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-15484/2020|2020-11-23|EPI_ISL_713849|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/439/2020|2020-03-20|EPI_ISL_424463|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/VA-DCLS-2407/2020|2020-11-20|EPI_ISL_734178|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/NY-NYUMC542/2020|2020-03-30|EPI_ISL_444659|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMC-BBBB17/2020|2020-11-21|EPI_ISL_724089|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0028/2020|2020-04-13|EPI_ISL_437227|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/NOTT-11042E/2020|2020-04-17|EPI_ISL_441514|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10121/2020|2020-06-10|EPI_ISL_672112|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WI-UW-38/2020|2020-03-25|EPI_ISL_421296|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-CSMC23/2020|2020-03-25|EPI_ISL_475633|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Portugal/PT0486/2020|2020-03-30|EPI_ISL_454210|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Sa\u00fade (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-A9D666/2020|2020-10-20|EPI_ISL_727781|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-375/2020|2020-08-02|EPI_ISL_523715|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Equatorial Guinea/13736/2020|2020-06-02|EPI_ISL_648357|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/Ireland/D-NVRL-20Z06800/2020|2020-04-19|EPI_ISL_681903|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Singapore/522/2020|2020-04-15|EPI_ISL_479600|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/CA-LACPHL-AE00017/2020|2020-07-03|EPI_ISL_707914|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/USA/CA-ALSR-1203/2020|2020-04-24|EPI_ISL_494435|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/VA-DCLS-2515/2020|2020-11-19|EPI_ISL_734225|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-9DD610/2020|2020-09-21|EPI_ISL_599630|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004325/2020|2020-03-24|EPI_ISL_654470|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUA-98F598/2020|2020-08-27|EPI_ISL_568322|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L15-CD273/2020|2020-03-30|EPI_ISL_476266|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/QEUA-9B3CB4/2020|2020-09-04|EPI_ISL_573544|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI300/2020|2020-03-10|EPI_ISL_429451|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/CA-SCCPHD-UC114/2020|2020-03-03|EPI_ISL_435593|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/Netherlands/NB-RIVM-20879/2020|2020-12-23|EPI_ISL_790924|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Hong Kong/VM20001387/2020|2020-01-25|EPI_ISL_408998|Original|hCoV-19^^Hong Kong|Human|Ruttonjee Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/ALDP-CBE551/2020|2020-12-19|EPI_ISL_760680|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B56932/2020|2020-11-06|EPI_ISL_656973|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201620509/2020|2020-04-09|EPI_ISL_466421|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-950FED/2020|2020-06-12|EPI_ISL_554229|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2501/2020|2020-06-17|EPI_ISL_497133|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/UT-UPHL-01659/2020|2020-04-08|EPI_ISL_560859|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-1052/2020|2020-03-16|EPI_ISL_614683|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2772/2020|2020-06-00|EPI_ISL_690612|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Panama/337884/2020|2020-04-08|EPI_ISL_496865|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/QEUA-A025AB/2020|2020-09-29|EPI_ISL_584912|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB_291PT/2020|2020-10-30|EPI_ISL_653782|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Scotland/QEUA-9DD786/2020|2020-09-21|EPI_ISL_599763|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9475E7/2020|2020-07-20|EPI_ISL_556520|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-293404/2020|2020-06-18|EPI_ISL_499609|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-ABC17F/2020|2020-10-22|EPI_ISL_631151|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB12EF/2020|2020-11-17|EPI_ISL_720296|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134078404/2020|2020-03-24|EPI_ISL_423174|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/201060142/2020|2020-03-04|EPI_ISL_464395|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC2988/2020|2020-07-07|EPI_ISL_521818|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Norway/5387/2020|2020-10-28|EPI_ISL_708073|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/FL-BPHL-0476/2020|2020-04-03|EPI_ISL_495382|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/WA407-2/2020|2020-05-25|EPI_ISL_672619|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/BHRT-24B3BC5/2020|2020-06-15|EPI_ISL_528789|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2441/2020|2020-04-00|EPI_ISL_686046|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/regA-0411472/2020|2020-04-11|EPI_ISL_476982|Original|hCoV-19^^Heusden-Zolder|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MI-UM-10035884804/2020|2020-09-10|EPI_ISL_583401|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-BC76F9/2020|2020-11-22|EPI_ISL_721297|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-75/2020|2020-03-16|EPI_ISL_460064|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/South Africa/KRISP-K002810/2020|2020-08-24|EPI_ISL_602632|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUA-A1EE47/2020|2020-10-01|EPI_ISL_587410|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16812/2020|2020-12-14|EPI_ISL_750200|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Romania/ROSV_4271/2020|2020-04-23|EPI_ISL_491073|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Wales/PHWC-35819/2020|2020-04-25|EPI_ISL_474481|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-E8578/2020|2020-04-17|EPI_ISL_449160|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH1529S/2020|2020-09-13|EPI_ISL_602337|Original|hCoV-19^^Saint Petersburg|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-7174/2020|2020-07-00|EPI_ISL_688279|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B672BB/2020|2020-11-11|EPI_ISL_662408|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1392/2020|2020-03-23|EPI_ISL_622448|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7A6E1/2020|2020-04-03|EPI_ISL_441142|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/204191512/2020|2020-10-09|EPI_ISL_603190|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-9F7B5D/2020|2020-09-27|EPI_ISL_589131|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-25/2020|2020-03-23|EPI_ISL_421283|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-49933C/2020|2020-12-03|EPI_ISL_727291|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-935C6F/2020|2020-06-21|EPI_ISL_552797|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20180032504/2020|2020-04-27|EPI_ISL_465437|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/regA-0516552/2020|2020-05-16|EPI_ISL_734735|Original|hCoV-19^^Waterloo|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUH-9F5A34/2020|2020-09-25|EPI_ISL_588867|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B2436C/2020|2020-11-04|EPI_ISL_646897|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C5034/2020|2020-05-18|EPI_ISL_493681|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NOTT-11B089/2020|2020-11-09|EPI_ISL_637800|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-0944/2020|2020-04-00|EPI_ISL_684554|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB110/2020|2020-03-22|EPI_ISL_425898|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1184/2020|2020-04-01|EPI_ISL_494420|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-4A669D/2020|2020-12-17|EPI_ISL_765060|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1870/2020|2020-03-23|EPI_ISL_424293|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/MILK-9EE9E6/2020|2020-09-23|EPI_ISL_589769|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV19358/2020|2020-05-14|EPI_ISL_463072|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/CAMC-C44839/2020|2020-12-10|EPI_ISL_719398|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8083/2020|2020-06-29|EPI_ISL_784186|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2595/2020|2020-06-30|EPI_ISL_514998|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUH-A5E528/2020|2020-10-12|EPI_ISL_597242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4971F8/2020|2020-11-26|EPI_ISL_726795|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AB7781/2020|2020-10-21|EPI_ISL_623357|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-110330/2020|2020-04-12|EPI_ISL_441501|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B1FE90/2020|2020-11-01|EPI_ISL_647479|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC8301/2020|2020-10-21|EPI_ISL_630016|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S902/2020|2020-04-22|EPI_ISL_463392|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/204460556/2020|2020-10-28|EPI_ISL_653976|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010082/2020|2020-03-26|EPI_ISL_779747|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00ednico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-9586/2020|2020-11-09|EPI_ISL_668480|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-74007/2020|2020-03-18|EPI_ISL_440358|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-95EA2A/2020|2020-08-09|EPI_ISL_532510|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205161451/2020|2020-12-16|EPI_ISL_766435|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-915/2020|2020-11-04|EPI_ISL_722464|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-6082/2020|2020-06-22|EPI_ISL_547220|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B9956C/2020|2020-11-15|EPI_ISL_673550|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A523DF/2020|2020-10-07|EPI_ISL_598192|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003757/2020|2020-09-28|EPI_ISL_602928|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Scotland/EDB4338/2020|2020-04-24|EPI_ISL_449295|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Italy/SIC-IZSBM194-48/2020|2020-06-00|EPI_ISL_582847|Original|hCoV-19^^Sicily|Human|Laboratorio di Riferimento Regionale della Sicilia Occidentale per l'Emergenza COVID-19|Istituto Zooprofilattico Sperimentale della Sicilia|Reale|Italy

>Spike|hCoV-19/USA/WA-S649/2020|2020-04-19|EPI_ISL_438202|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/QLD1086/2020|2020-03-27|EPI_ISL_593605|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/WA-S182/2020|2020-03-20|EPI_ISL_430220|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Hungary/US-539w/2020|2020-03-29|EPI_ISL_477624|Original|hCoV-19^^B\u00e9lcs-Kiskun County|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/CA-CZB-3615/2020|2020-07-29|EPI_ISL_548343|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-B51199/2020|2020-11-08|EPI_ISL_657834|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACD630/2020|2020-10-21|EPI_ISL_634451|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20109045604/2020|2020-03-06|EPI_ISL_464565|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-BB398E/2020|2020-11-19|EPI_ISL_703114|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001393/2020|2020-07-16|EPI_ISL_515877|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Spain/PV-IBV-000815/2020|2020-03-10|EPI_ISL_452713|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/SAP473/2020|2020-07-28|EPI_ISL_508606|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Czech Republic/ChVir1630/2020|2020-02-29|EPI_ISL_416742|Original|hCoV-19^^Prague|Human|NRL for Influenza|Charite Universitaetsmedizin Berlin|Muehlemann|Czech Republic

>Spike|hCoV-19/England/205240594/2020|2020-12-23|EPI_ISL_766063|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1609/2020|2020-09-17|EPI_ISL_605486|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-17014/2020|2020-12-14|EPI_ISL_750710|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/5375/2020|2020-10-10|EPI_ISL_775322|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/ALDP-917A5A/2020|2020-06-22|EPI_ISL_551474|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-SURV0988/2020|2020-03-18|EPI_ISL_436080|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-B47D74/2020|2020-11-07|EPI_ISL_649448|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204760987/2020|2020-11-18|EPI_ISL_683546|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B9617A/2020|2020-11-14|EPI_ISL_676045|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6C1B6E/2020|2020-07-01|EPI_ISL_557966|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19826/2020|2020-12-07|EPI_ISL_747812|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-13846/2020|2020-11-30|EPI_ISL_713058|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9C53C9/2020|2020-09-10|EPI_ISL_567602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B081CE/2020|2020-10-29|EPI_ISL_643969|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201229235/2020|2020-03-30|EPI_ISL_672551|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Norway/Trondheim-S5/2020|2020-03-25|EPI_ISL_450347|Vero|hCoV-19^^Trondheim|Human|St.Olavs hospital/NTNU|Institute of Genomics Core Facility|Ianevski|Norway

>Spike|hCoV-19/England/QEUA-AF5532/2020|2020-10-30|EPI_ISL_663119|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0896/2020|2020-03-20|EPI_ISL_583749|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUA-A006F5/2020|2020-09-30|EPI_ISL_600496|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-953050/2020|2020-06-11|EPI_ISL_553678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16079/2020|2020-08-02|EPI_ISL_640839|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-290746-01/2020|2020-12-21|EPI_ISL_767567|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-2540/2020|2020-06-01|EPI_ISL_545371|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-0725-IPL/2020|2020-05-04|EPI_ISL_483326|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/VA-DCLS-0005/2020|2020-03-16|EPI_ISL_419256|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Myanmar/MMC_137/2020|2020-04-22|EPI_ISL_512844|Original|hCoV-19^^Yangon|Human|Department of Medical Research|DMR_Myanmar|Nyunt|Myanmar

>Spike|hCoV-19/USA/VA-DCLS-0705/2020|2020-04-24|EPI_ISL_500859|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/India/MH-ACTREC-488/2020|2020-08-13|EPI_ISL_700136|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-1785/2020|2020-05-00|EPI_ISL_685391|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9DBD86/2020|2020-09-21|EPI_ISL_601300|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0750/2020|2020-03-31|EPI_ISL_583686|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-950D01/2020|2020-06-14|EPI_ISL_554516|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC718/2020|2020-03-27|EPI_ISL_427002|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/201390359/2020|2020-03-27|EPI_ISL_465844|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16818/2020|2020-12-14|EPI_ISL_750582|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Shanghai/SH0026/2020|2020-02-02|EPI_ISL_416335|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/USA/FL-BPHL-0091/2020|2020-04-27|EPI_ISL_445034|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Guangdong/20SF602/2020|2020-01-25|EPI_ISL_428464|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/England/ALDP-8E25EF/2020|2020-06-25|EPI_ISL_557143|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22C45/2020|2020-11-02|EPI_ISL_647458|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547335/2020|2020-07-06|EPI_ISL_695485|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/LIVE-AA123/2020|2020-03-23|EPI_ISL_517406|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/OXON-B2EC7/2020|2020-04-22|EPI_ISL_534823|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-90C6CD/2020|2020-06-22|EPI_ISL_551506|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8326/2020|2020-08-00|EPI_ISL_687425|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B7E916/2020|2020-11-14|EPI_ISL_668119|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485227/2020|2020-10-26|EPI_ISL_628159|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B3617C/2020|2020-11-05|EPI_ISL_645509|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201161468/2020|2020-03-11|EPI_ISL_464845|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Israel/130710414/2020|2020-04-17|EPI_ISL_447460|Original|hCoV-19^^Tel Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/QEUEH-B6C6BA/2020|2020-11-10|EPI_ISL_655817|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2F37B/2020|2020-04-06|EPI_ISL_446239|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Austria/CeMM0557/2020|2020-03-16|EPI_ISL_475908|Original|hCoV-19^^Austria|Human|Zentralinstitut f\u00fcr medizinische und chemische Labordiagnostik|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUEH-B2CA9C/2020|2020-11-02|EPI_ISL_646459|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-176352/2020|2020-08-24|EPI_ISL_541717|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/USA/VA-DCLS-2230/2020|2020-11-03|EPI_ISL_734211|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/CA-ALSR-1158/2020|2020-04-28|EPI_ISL_494401|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/LI-EMC-133/2020|2020-11-21|EPI_ISL_763101|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB3064/2020|2020-04-04|EPI_ISL_487740|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-9E37F6/2020|2020-09-24|EPI_ISL_584875|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3836/2020|2020-08-17|EPI_ISL_622672|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1017/2020|2020-07-17|EPI_ISL_517907|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUIH-A1F004/2020|2020-09-29|EPI_ISL_587499|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0423600/2020|2020-04-23|EPI_ISL_734647|Original|hCoV-19^^Kessel-Lo|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUIH-9F8D1A/2020|2020-09-27|EPI_ISL_588915|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124C49E/2020|2020-04-12|EPI_ISL_492840|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A6547C/2020|2020-10-11|EPI_ISL_608495|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169C4C/2020|2020-08-16|EPI_ISL_517608|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-22291/2020|2020-03-23|EPI_ISL_660388|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-4556/2020|2020-06-22|EPI_ISL_543715|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUIH-A32690/2020|2020-10-05|EPI_ISL_628357|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Poland/Slas8/2020|2020-05-05|EPI_ISL_451662|Original|hCoV-19^^Slask|Human|State Sanitary Inspectorate|Laboratory of Recombinant Vaccines|Rabalski|Poland

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH332/2020|2020-04-15|EPI_ISL_512917|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Northern Ireland/NIRE-FBFDE/2020|2020-04-10|EPI_ISL_459345|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BA9FF2/2020|2020-11-17|EPI_ISL_783255|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG666093/2020|2020-05-01|EPI_ISL_696183|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC9296/2020|2020-08-18|EPI_ISL_565492|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NA_55/2020|2020-03-15|EPI_ISL_422816|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/PAC-IHU-0014/2020|2020-03-07|EPI_ISL_569244|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-16429/2020|2020-11-16|EPI_ISL_714760|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/CHRF-0004/2020|2020-04-17|EPI_ISL_468072|Original|hCoV-19^^Dhaka|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/Spain/RI-IBV-99010981/2020|2020-03-25|EPI_ISL_732808|Original|hCoV-19^^La_Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Colombia/ANT-INS-103236/2020|2020-10-20|EPI_ISL_739675|Original|hCoV-19^^Antioquia|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/USA/UT-UPHL-201012311/2020|2020-06-22|EPI_ISL_594260|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/VC-IBV-98004421/2020|2020-04-13|EPI_ISL_583921|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-4764/2020|2020-08-00|EPI_ISL_689900|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B807CC/2020|2020-11-14|EPI_ISL_661777|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95C752/2020|2020-06-16|EPI_ISL_555007|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0584/2020|2020-05-16|EPI_ISL_698742|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-A654A9/2020|2020-10-11|EPI_ISL_608633|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB68F6/2020|2020-12-17|EPI_ISL_761318|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12601BB/2020|2020-03-13|EPI_ISL_524675|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47CED4/2020|2020-10-09|EPI_ISL_586066|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D9CC/2020|2020-05-14|EPI_ISL_472753|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1701/2020|2020-08-24|EPI_ISL_693630|Original|hCoV-19^^Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/EDB5512/2020|2020-04-20|EPI_ISL_487755|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Taiwan/TSGH-12/2020|2020-03-18|EPI_ISL_428229|Original|hCoV-19^^Taipei|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/Thailand/Bangkok-0039/2020|2020-03-28|EPI_ISL_429175|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Serbia/Novi Sad-215042606/2020|2020-06-25|EPI_ISL_661192|Original|hCoV-19^^Novi Sad|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/Japan/PG-2076/2020|2020-04-00|EPI_ISL_685681|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-12835/2020|2020-08-19|EPI_ISL_790557|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16843/2020|2020-12-14|EPI_ISL_750597|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-5D61ED/2020|2020-06-19|EPI_ISL_558530|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA8D2/2020|2020-11-23|EPI_ISL_703696|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-969B92/2020|2020-08-12|EPI_ISL_531171|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B59BDF/2020|2020-11-06|EPI_ISL_679916|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-C33B61/2020|2020-12-11|EPI_ISL_734159|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_6/2020|2020-03-10|EPI_ISL_415495|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/NSW760/2020|2020-08-03|EPI_ISL_513402|Original|hCoV-19^^New South Wales|Human|4Cyte Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-1955/2020|2020-04-00|EPI_ISL_685561|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NM-NMDOH-2020324072/2020|2020-09-02|EPI_ISL_632824|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/QEUEH-96BE3D/2020|2020-08-14|EPI_ISL_531291|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164F2A/2020|2020-05-18|EPI_ISL_479399|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B73A96/2020|2020-11-12|EPI_ISL_664868|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1100/2020|2020-06-13|EPI_ISL_513107|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/India/WB-IK8/2020|2020-04-05|EPI_ISL_511901|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/Australia/VIC3826/2020|2020-07-10|EPI_ISL_520539|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-5942/2020|2020-00-00|EPI_ISL_689057|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8464/2020|2020-10-26|EPI_ISL_617913|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-77E37/2020|2020-04-03|EPI_ISL_440835|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-9A6786/2020|2020-09-01|EPI_ISL_550144|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/P5-2/2020|2020-03-13|EPI_ISL_419310|Original|hCoV-19^^Chiba|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A6602C/2020|2020-10-10|EPI_ISL_626798|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1963903/2020|2020-07-03|EPI_ISL_740030|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-3801/2020|2020-06-14|EPI_ISL_543205|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S176/2020|2020-03-19|EPI_ISL_430214|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMB-71C42/2020|2020-03-31|EPI_ISL_439880|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-CAD7D7/2020|2020-12-20|EPI_ISL_761116|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20963/2020|2020-03-26|EPI_ISL_507751|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-B38DB2/2020|2020-11-01|EPI_ISL_709904|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6667/2020|2020-10-12|EPI_ISL_619570|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A532E/2020|2020-12-15|EPI_ISL_764851|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9B3E3/2020|2020-04-03|EPI_ISL_449444|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok_2972/2020|2020-03-17|EPI_ISL_455586|Vero P1|hCoV-19^^Bangkok|Human|Siriraj hospital|National Institute of Health. Department of medical Sciences|Phuygun|Thailand

>Spike|hCoV-19/USA/CA-CHLA-PLM32250719/2020|2020-12-01|EPI_ISL_753594|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Papua New Guinea/13/2020|2020-10-06|EPI_ISL_693483|Original|hCoV-19^^Papua New Guinea|Human|Central Public Health Laboratory|National Public Health Laboratory|Mak|Papua New Guinea

>Spike|hCoV-19/England/QEUA-B66FE2/2020|2020-11-11|EPI_ISL_661321|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1441/2020|2020-03-24|EPI_ISL_511400|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-ACEC1F/2020|2020-10-21|EPI_ISL_629343|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE2987/2020|2020-10-27|EPI_ISL_633679|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PDL-SC628/2020|2020-04-01|EPI_ISL_649179|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-16716/2020|2020-10-19|EPI_ISL_714428|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-12965/2020|2020-07-27|EPI_ISL_672380|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Netherlands/Limburg_56/2020|2020-04-23|EPI_ISL_461044|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-48B607/2020|2020-11-05|EPI_ISL_666260|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1351/2020|2020-06-08|EPI_ISL_618074|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/603/2020|2020-06-29|EPI_ISL_490053|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-A18C8F/2020|2020-10-03|EPI_ISL_627479|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003687/2020|2020-04-02|EPI_ISL_467186|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/JK-0305110/2020|2020-03-05|EPI_ISL_420367|Original|hCoV-19^^Knokke-Heist|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-1776/2020|2020-05-14|EPI_ISL_542831|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C17BB/2020|2020-11-24|EPI_ISL_680118|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-990/2020|2020-11-16|EPI_ISL_722661|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC7940/2020|2020-08-11|EPI_ISL_564759|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NM-UNM-00298/2020|2020-05-13|EPI_ISL_508055|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/BRIS-1239DE/2020|2020-04-07|EPI_ISL_442654|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4942BC/2020|2020-11-17|EPI_ISL_726095|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-124612/2020|2020-04-09|EPI_ISL_492765|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2440/2020|2020-04-23|EPI_ISL_439208|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/BIRM-6011A/2020|2020-00-00|EPI_ISL_493439|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13840/2020|2020-08-17|EPI_ISL_787133|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/24SS6bD7/2020|2020-09-24|EPI_ISL_759837|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-94F60A/2020|2020-06-18|EPI_ISL_555881|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10886/2020|2020-11-13|EPI_ISL_678429|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Finland/13M60/2020|2020-03-13|EPI_ISL_418393|Original|hCoV-19^^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Latvia/109/2020|2020-08-03|EPI_ISL_515196|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

>Spike|hCoV-19/USA/CA-ALSR-2840/2020|2020-07-23|EPI_ISL_635706|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/FL-BPHL-029/2020|2020-04-15|EPI_ISL_436533|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/India/DL-NCDC7101-CSIR-IGIB/2020|2020-05-27|EPI_ISL_482629|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Faroe Islands/HFS-46/2020|2020-03-16|EPI_ISL_526947|Original|hCoV-19^^Faroe Islands|Human|Faroese National Reference Laboratory for Fish and Animal Diseases|Faroese National Reference Laboratory for Fish and Animal Diseases|Dahl|Faroe Islands

>Spike|hCoV-19/Hungary/UD-7729/2020|2020-04-12|EPI_ISL_476076|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n County|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/LEED-2AA789/2020|2020-04-08|EPI_ISL_538969|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95CE20/2020|2020-06-16|EPI_ISL_554880|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-83C98/2020|2020-04-15|EPI_ISL_443350|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-9F8363/2020|2020-09-27|EPI_ISL_588982|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-991E3E/2020|2020-08-27|EPI_ISL_552097|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11126/2020|2020-05-30|EPI_ISL_625517|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/NY-NYUMC82/2020|2020-03-18|EPI_ISL_421583|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Indonesia/JK-EIJK46/2020|2020-06-05|EPI_ISL_574615|Original|hCoV-19^^Jakarta|Human|RS Harapan Bunda|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/Wales/PHWC-4833EA/2020|2020-10-22|EPI_ISL_627814|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1767/2020|2020-10-05|EPI_ISL_613761|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-498591/2020|2020-12-01|EPI_ISL_727094|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0398/2020|2020-05-19|EPI_ISL_698573|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/OXON-B20FE/2020|2020-00-00|EPI_ISL_479115|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B049F7/2020|2020-10-24|EPI_ISL_650591|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Brazil/SP-L4-CAMPI58/2020|2020-04-18|EPI_ISL_476396|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Sabino|Brazil

>Spike|hCoV-19/South Africa/KRISP-K002411/2020|2020-07-29|EPI_ISL_515773|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-S-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/ZH-EMC-1203/2020|2020-11-23|EPI_ISL_763276|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-49CBAA/2020|2020-12-07|EPI_ISL_742655|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2404/2020|2020-12-04|EPI_ISL_754659|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Wales/PHWC-1655FA/2020|2020-06-27|EPI_ISL_484687|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4861/2020|2020-08-00|EPI_ISL_689982|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC21548/2020|2020-03-19|EPI_ISL_516275|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-49B534/2020|2020-11-15|EPI_ISL_742350|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6116/2020|2020-09-28|EPI_ISL_621150|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000834/2020|2020-03-26|EPI_ISL_632211|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUA-B816DD/2020|2020-11-14|EPI_ISL_667907|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-73IRL27757/2020|2020-09-16|EPI_ISL_578270|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/France/ARA-10192/2020|2020-03-17|EPI_ISL_418425|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/New Zealand/20VR3137/2020|2020-03-20|EPI_ISL_579429|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Bangladesh/JUST-GC15.09/2020|2020-05-06|EPI_ISL_475570|Original|hCoV-19^^Khulna|Human|Genome Center|Genome Center|Alam|Bangladesh

>Spike|hCoV-19/England/C200032612/2020|2020-10-15|EPI_ISL_636705|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/111/2020|2020-03-18|EPI_ISL_443203|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Canada/ON-PHL-20-01189/2020|2020-06-00|EPI_ISL_548811|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUA-96C85C/2020|2020-08-21|EPI_ISL_530717|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1266D1B/2020|2020-12-10|EPI_ISL_741200|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/UT-01837/2020|2020-04-13|EPI_ISL_470680|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-49FD65/2020|2020-12-09|EPI_ISL_743351|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1430/2020|2020-03-16|EPI_ISL_511389|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-33D85/2020|2020-04-15|EPI_ISL_446819|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D4CC5/2020|2020-04-15|EPI_ISL_449675|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Uganda/UG041/2020|2020-05-07|EPI_ISL_737961|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/Canada/ON-S1937/2020|2020-11-24|EPI_ISL_755658|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CA-CZB-2212/2020|2020-05-28|EPI_ISL_513760|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/VA-DCLS-1289/2020|2020-08-14|EPI_ISL_572303|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-1628B8/2020|2020-05-29|EPI_ISL_473135|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20130071704/2020|2020-03-22|EPI_ISL_423661|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22430/2020|2020-11-18|EPI_ISL_708263|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16182/2020|2020-10-28|EPI_ISL_785866|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9E45CE/2020|2020-09-21|EPI_ISL_579774|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LAC-USC22/2020-06-11|2020-06-11|EPI_ISL_569685|Original|hCoV-19^^California|Human|Lee Lab|Lee Lab|Lee|USA

>Spike|hCoV-19/India/TG-CDFD-C3630/2020|2020-06-20|EPI_ISL_528599|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Denmark/DCGC-18334/2020|2020-12-07|EPI_ISL_749895|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-284345/2020|2020-03-19|EPI_ISL_478542|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22240/2020|2020-10-22|EPI_ISL_666906|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/South Africa/L00189/2020|2020-07-28|EPI_ISL_622957|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/CAMB-1AE14C/2020|2020-04-28|EPI_ISL_459464|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/329230/2020|2020-03-05|EPI_ISL_496627|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/CAMC-B20AB6/2020|2020-11-01|EPI_ISL_647534|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19473/2020|2020-11-30|EPI_ISL_783860|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-2854/2020|2020-06-07|EPI_ISL_543825|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0197/2020|2020-05-17|EPI_ISL_698383|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-496153/2020|2020-11-20|EPI_ISL_726538|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2983/2020|2020-07-07|EPI_ISL_521813|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-01421/2020|2020-04-01|EPI_ISL_575059|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/OXON-B1EE6/2020|2020-05-01|EPI_ISL_479100|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Bangladesh/250/2020|2020-04-10|EPI_ISL_600435|Original|hCoV-19^^Barishal|Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19/England/CAMC-B51E65/2020|2020-11-06|EPI_ISL_657725|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-390342/2020|2020-11-30|EPI_ISL_721896|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MA-MASPHL-00886/2020|2020-10-11|EPI_ISL_692847|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/ALDP-9ECF8C/2020|2020-05-05|EPI_ISL_589321|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/Novi Sad-023010904/2020|2020-04-08|EPI_ISL_676603|Original|hCoV-19^^Novi Sad|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/England/NORT-297163/2020|2020-04-23|EPI_ISL_488117|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FF8A9/2020|2020-09-30|EPI_ISL_600130|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CB238/2020|2020-04-28|EPI_ISL_475436|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-C16047/2020|2020-12-06|EPI_ISL_709324|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B029BD/2020|2020-10-24|EPI_ISL_642976|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A86F65/2020|2020-10-17|EPI_ISL_606070|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9B756/2020|2020-10-20|EPI_ISL_611320|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9B45B8/2020|2020-09-04|EPI_ISL_602061|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/629/2020|2020-06-26|EPI_ISL_490079|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-9D9641/2020|2020-09-18|EPI_ISL_576751|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-974/2020|2020-03-09|EPI_ISL_614568|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/RS-2544/2020|2020-03-19|EPI_ISL_729809|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/India/UN-1652/2020|2020-03-12|EPI_ISL_424363|Original|hCoV-19^^India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/England/ALDP-721196/2020|2020-07-01|EPI_ISL_557677|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1481/2020|2020-03-18|EPI_ISL_477687|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-A645E3/2020|2020-10-11|EPI_ISL_609113|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C2FB86/2020|2020-12-07|EPI_ISL_733739|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21662/2020|2020-12-21|EPI_ISL_758294|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-1853328/2020|2020-04-02|EPI_ISL_492275|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-235352/2020|2020-10-19|EPI_ISL_764429|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMB-75FFA/2020|2020-03-28|EPI_ISL_438444|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-803E1/2020|2020-04-09|EPI_ISL_470426|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-0067/2020|2020-03-29|EPI_ISL_447009|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Germany/HH-hpi-p1756/2020|2020-03-19|EPI_ISL_776131|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Canada/ON-E73/2020|2020-04-03|EPI_ISL_593546|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Australia/VIC5979/2020|2020-07-20|EPI_ISL_518754|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Austria/CeMM0589/2020|2020-03-27|EPI_ISL_583604|Original|hCoV-19^^Innsbruck|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Switzerland/ZH-ETHZ-120164/2020|2020-04-25|EPI_ISL_468243|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/United Arab Emirates/0716/2020|2020-05-19|EPI_ISL_698867|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-A6A36B/2020|2020-10-09|EPI_ISL_627500|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15840/2020|2020-11-23|EPI_ISL_714054|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3B14A/2020|2020-11-01|EPI_ISL_706049|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AZ-TG532077/2020|2020-07-01|EPI_ISL_695407|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-B81B29/2020|2020-11-14|EPI_ISL_668126|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA479/2020|2020-04-02|EPI_ISL_708773|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20171/2020|2020-03-19|EPI_ISL_436827|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-5713/2020|2020-09-28|EPI_ISL_621218|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-19435/2020|2020-11-30|EPI_ISL_783561|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A87C7C/2020|2020-10-17|EPI_ISL_605999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-ALSR-0067-NBG/2020|2020-03-25|EPI_ISL_434524|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORW-E797D/2020|2020-05-05|EPI_ISL_449085|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B22CDC/2020|2020-11-02|EPI_ISL_647162|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-404/2020|2020-03-19|EPI_ISL_480386|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-17472/2020|2020-12-14|EPI_ISL_751004|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9BA95C/2020|2020-09-07|EPI_ISL_573612|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B07CCE/2020|2020-10-29|EPI_ISL_643899|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A00121/2020|2020-10-02|EPI_ISL_600383|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC535/2020|2020-03-30|EPI_ISL_444652|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-48D30E/2020|2020-11-11|EPI_ISL_680606|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0015/2020|2020-03-15|EPI_ISL_513428|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Denmark/DCGC-16667/2020|2020-11-16|EPI_ISL_714903|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-96D071/2020|2020-08-21|EPI_ISL_530702|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-831/2020|2020-10-17|EPI_ISL_632701|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-7134/2020|2020-06-29|EPI_ISL_546534|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-AE1F86/2020|2020-10-27|EPI_ISL_649658|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001410/2020|2020-11-18|EPI_ISL_683756|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Germany/NW-HHU-14/2020|2020-03-11|EPI_ISL_417459|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/CA-CZB-4094/2020|2020-08-14|EPI_ISL_548601|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-28B2F/2020|2020-04-03|EPI_ISL_445404|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-004059/2020|2020-03-18|EPI_ISL_510297|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/New Zealand/20VR1763/2020|2020-03-25|EPI_ISL_456240|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/WA-UW-23445/2020|2020-08-10|EPI_ISL_576455|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC12811/2020|2020-08-01|EPI_ISL_641195|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/EXET-13D2F4/2020|2020-11-30|EPI_ISL_724268|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/AZ-TG602452/2020|2020-07-15|EPI_ISL_695650|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-A3F2DB/2020|2020-10-05|EPI_ISL_609712|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5C70D3/2020|2020-06-19|EPI_ISL_558410|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1900/2020|2020-10-05|EPI_ISL_614089|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/QEUA-9F8E44/2020|2020-09-27|EPI_ISL_600883|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-920E70/2020|2020-06-23|EPI_ISL_552931|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96F051/2020|2020-08-17|EPI_ISL_530608|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE1CDA/2020|2020-10-26|EPI_ISL_633557|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-1393/2020|2020-04-05|EPI_ISL_444857|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/France/NAQ-SC295/2020|2020-05-05|EPI_ISL_666716|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUA-AAC646/2020|2020-10-21|EPI_ISL_652863|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Hungary/UD-57989/2020|2020-09-02|EPI_ISL_671446|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Denmark/DCGC-20642/2020|2020-12-21|EPI_ISL_759271|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Jordan/SEARCH-5446/2020|2020-09-13|EPI_ISL_755242|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/India/GJ-GBRC-390b/2020|2020-07-06|EPI_ISL_524755|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/VIC9219/2020|2020-08-20|EPI_ISL_565449|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW611/2020|2020-04-08|EPI_ISL_490020|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUH-BA05F9/2020|2020-11-18|EPI_ISL_719734|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD0B0E/2020|2020-10-26|EPI_ISL_633905|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4953C7/2020|2020-11-21|EPI_ISL_726339|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C3BD54/2020|2020-12-10|EPI_ISL_731069|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-946F17/2020|2020-07-21|EPI_ISL_556572|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-114220/2020|2020-10-04|EPI_ISL_577151|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/SHEF-C2ED3/2020|2020-10-02|EPI_ISL_585016|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BFF6/2020|2020-09-14|EPI_ISL_574001|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-46/2020|2020-04-12|EPI_ISL_530050|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/LEED-2A83D2/2020|2020-03-29|EPI_ISL_538998|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15242/2020|2020-10-19|EPI_ISL_786726|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-WSLH-200061/2020|2020-04-13|EPI_ISL_471226|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-910B7C/2020|2020-06-22|EPI_ISL_551385|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1146/2020|2020-04-28|EPI_ISL_476731|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Netherlands/NA_156/2020|2020-03-21|EPI_ISL_422691|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-12620/2020|2020-11-16|EPI_ISL_682801|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-83CA8D/2020|2020-07-14|EPI_ISL_557278|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4E3D/2020|2020-12-09|EPI_ISL_763462|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC8336/2020|2020-08-12|EPI_ISL_564949|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B1FDDF/2020|2020-11-01|EPI_ISL_647483|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-01/2020|2020-03-00|EPI_ISL_424189|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-AA1B7F/2020|2020-10-22|EPI_ISL_630906|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C7F26/2020|2020-05-13|EPI_ISL_462034|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACC4D/2020|2020-04-22|EPI_ISL_489519|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A9659/2020|2020-09-02|EPI_ISL_551065|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0398/2020|2020-04-29|EPI_ISL_458271|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-13850/2020|2020-11-30|EPI_ISL_712210|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6900/2020|2020-06-27|EPI_ISL_546335|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-817E4/2020|2020-04-11|EPI_ISL_443112|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/SHEF-C8031/2020|2020-10-05|EPI_ISL_596204|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-4851/2020|2020-07-00|EPI_ISL_689973|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-E9EF4/2020|2020-05-02|EPI_ISL_448380|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Portugal/PT0518/2020|2020-03-21|EPI_ISL_454242|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0361v2/2020|2020-05-01|EPI_ISL_644336|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/MI-MDHHS-SC21512/2020|2020-04-01|EPI_ISL_516239|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-48EDC3/2020|2020-11-10|EPI_ISL_681006|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0098/2020|2020-05-19|EPI_ISL_698289|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-2A352/2020|2020-04-06|EPI_ISL_445557|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6550/2020|2020-10-05|EPI_ISL_619450|Original|hCoV-19^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-01591/2020|2020-04-23|EPI_ISL_435399|Original|hCoV-19^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/HI-H200730/2020|2020-12-09|EPI_ISL_753251|Original|hCoV-19^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah50/2020|2020-03-26|EPI_ISL_437490|Original|hCoV-19^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/LEED-2A9EB2/2020|2020-03-24|EPI_ISL_538779|Original|hCoV-19^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11438/2020|2020-09-05|EPI_ISL_790021|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-3284/2020|2020-08-31|EPI_ISL_616036|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Vietnam/PIHCM-323/2020|2020-03-17|EPI_ISL_654870|Vero E6|hCoV-19^Ho Chi Minh city|Human|Pasteur Institute in Ho Chi Minh city|Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city|Vu|Viet Nam

>Spike|hCoV-19/Germany/HH-hpi-p2126/2020|2020-03-22|EPI_ISL_776366|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/NORW-EB0CF/2020|2020-05-04|EPI_ISL_472298|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004324/2020|2020-10-25|EPI_ISL_660200|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/LA-QDX-167/2020|2020-04-10|EPI_ISL_494521|Original|hCoV-19^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-16AEBE/2020|2020-09-10|EPI_ISL_560214|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22608/2020|2020-11-30|EPI_ISL_737181|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/UR-ETHZ-321459/2020|2020-10-14|EPI_ISL_603674|Original|hCoV-19^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-DC7FFC/2020|2020-11-16|EPI_ISL_704950|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI464/2020|2020-03-25|EPI_ISL_429545|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/CA-ALSR-0810-SAN/2020|2020-03-30|EPI_ISL_483374|Original|hCoV-19^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10179/2020|2020-07-06|EPI_ISL_789355|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-8323/2020|2020-10-26|EPI_ISL_617291|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Malaysia/UNIMAS-B040/2020|2020-10-25|EPI_ISL_718178|Original|hCoV-19^^Sarawak|Human|Borneo Medical Centre|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/England/CAMC-B36482/2020|2020-11-05|EPI_ISL_645429|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-11507/2020|2020-05-05|EPI_ISL_475222|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21958/2020|2020-08-25|EPI_ISL_566009|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-9EE2EB/2020|2020-05-03|EPI_ISL_589535|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1D1c8B/2020|2020-05-13|EPI_ISL_572451|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A51B32/2020|2020-10-07|EPI_ISL_598220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0080/2020|2020-06-11|EPI_ISL_511834|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Denmark/DCGC-17629/2020|2020-12-14|EPI_ISL_750247|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Hong Kong/VM20116099/2020|2020-08-30|EPI_ISL_730578|Original|hCoV-19^^Hong Kong|Human|Home Quarantine Taskforce|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Wales/PHWC-16AAAB/2020|2020-09-10|EPI_ISL_560149|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL566/2020|2020-06-30|EPI_ISL_578970|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WI-UW-2511/2020|2020-12-29|EPI_ISL_779343|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUI-B816CE/2020|2020-11-14|EPI_ISL_668084|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-152/2020|2020-04-18|EPI_ISL_579523|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/ALDP-C39B01/2020|2020-12-08|EPI_ISL_730698|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2108/2020|2020-10-05|EPI_ISL_677513|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/EDB8043/2020|2020-10-01|EPI_ISL_594819|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3102/2020|2020-07-14|EPI_ISL_635850|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B07138/2020|2020-10-29|EPI_ISL_643689|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-20-34/2020|2020-07-09|EPI_ISL_523059|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/RI-IBV-98002340/2020|2020-03-28|EPI_ISL_537853|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-16250C/2020|2020-06-06|EPI_ISL_473082|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/368/2020|2020-03-19|EPI_ISL_424392|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/TX-HMH-MCoV-8136/2020|2020-06-29|EPI_ISL_783590|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-270178/2020|2020-08-29|EPI_ISL_541439|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-969C08/2020|2020-08-12|EPI_ISL_530841|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7DA6A/2020|2020-04-06|EPI_ISL_441553|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B0604B/2020|2020-10-24|EPI_ISL_642766|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9B7694/2020|2020-09-08|EPI_ISL_590654|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH452/2020|2020-04-21|EPI_ISL_513161|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18851/2020|2020-11-25|EPI_ISL_785168|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8151/2020|2020-06-30|EPI_ISL_784234|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB5961/2020|2020-05-03|EPI_ISL_487881|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B14596/2020|2020-11-03|EPI_ISL_641636|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009688/2020|2020-07-27|EPI_ISL_605362|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-4054/2020|2020-06-18|EPI_ISL_543330|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-CF9B58/2020|2020-12-18|EPI_ISL_781299|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036704187/2020|2020-10-30|EPI_ISL_682143|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/WA-S2339/2020|2020-06-10|EPI_ISL_496971|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC4533/2020|2020-07-16|EPI_ISL_518944|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15096/2020|2020-10-18|EPI_ISL_786580|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Chile/NB-202522/2020|2020-10-09|EPI_ISL_746540|Original|hCoV-19^^\u00duble|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Scotland/QEUH-9FB193/2020|2020-09-29|EPI_ISL_600597|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9412/2020|2020-10-31|EPI_ISL_680517|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21244/2020|2020-12-21|EPI_ISL_759632|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S96/2020|2020-03-21|EPI_ISL_586505|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUH-BA09C0/2020|2020-11-18|EPI_ISL_719672|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R10569/2020|2020-06-10|EPI_ISL_490286|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Wales/QEUH-AE23A7/2020|2020-10-27|EPI_ISL_647879|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A69A1C/2020|2020-10-09|EPI_ISL_665700|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Ecuador/HGSQ-USFQ-007/2020|2020-03-30|EPI_ISL_422564|Original|hCoV-19^^Pichincha|Human|Institute of Microbiology Universidad San Francisco de Quito|Institute of Microbiology Universidad San Francisco de Quito|Cardenas|Ecuador

>Spike|hCoV-19/Hong Kong/HKU-907b/2020|2020-01-29|EPI_ISL_434568|unknown|hCoV-19^^Hong Kong|Human|unknown|Microbiology|Submitter|China

>Spike|hCoV-19/Germany/SH-ChVir9636/2020|2020-10-16|EPI_ISL_729619|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/ALDP-521AF7/2020|2020-06-02|EPI_ISL_581444|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957FB9/2020|2020-06-11|EPI_ISL_554638|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3077B/2020|2020-04-08|EPI_ISL_446275|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-809C1/2020|2020-04-10|EPI_ISL_470506|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200600/2020|2020-10-05|EPI_ISL_753126|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-2215/2020|2020-08-10|EPI_ISL_617518|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C58638/2020|2020-12-14|EPI_ISL_736051|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB4C4/2020|2020-11-18|EPI_ISL_681371|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A87BA/2020|2020-03-26|EPI_ISL_517212|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2651/2020|2020-03-15|EPI_ISL_604956|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC10095/2020|2020-08-14|EPI_ISL_562791|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/ZH-ETHZ-240007/2020|2020-08-07|EPI_ISL_523862|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-Wadsworth-286242-01/2020|2020-12-10|EPI_ISL_754562|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Chile/MA-CADIUMAG-8/2020|2020-04-03|EPI_ISL_681674|Original|hCoV-19^^Magallanes|Human|Molecular Medicine Laboratory|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

>Spike|hCoV-19/Nigeria/ED01-CV155/2020|2020-02-21|EPI_ISL_527873|Original|hCoV-19^^Edo|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/NY-NYCPHL-000529/2020|2020-04-03|EPI_ISL_631990|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-48D25C/2020|2020-11-13|EPI_ISL_680595|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3891/2020|2020-07-21|EPI_ISL_548498|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-ACBC9A/2020|2020-10-20|EPI_ISL_629114|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10969/2020|2020-09-07|EPI_ISL_563175|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A2D461/2020|2020-10-06|EPI_ISL_586587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1916/2020|2020-06-02|EPI_ISL_497345|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1132/2020|2020-12-18|EPI_ISL_763210|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/WA234/2020|2020-04-01|EPI_ISL_596796|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/DCGC-13412/2020|2020-11-30|EPI_ISL_712782|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WY-WPHL-20171884/2020|2020-12-29|EPI_ISL_770454|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Wales/PHWC-15C24A/2020|2020-04-21|EPI_ISL_472457|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S959/2020|2020-05-01|EPI_ISL_463449|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Switzerland/VS-ETHZ-330426/2020|2020-10-18|EPI_ISL_614949|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/France/ARA-18272/2020|2020-04-02|EPI_ISL_508964|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/UT-UPHL-2012649796/2020|2020-08-13|EPI_ISL_746194|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR4498/2020|2020-09-21|EPI_ISL_585361|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16801/2020|2020-12-14|EPI_ISL_750198|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CWAR-24FDEA8/2020|2020-06-07|EPI_ISL_584538|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11040/2020|2020-06-16|EPI_ISL_570367|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22552/2020|2020-11-23|EPI_ISL_737103|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-168C10/2020|2020-05-21|EPI_ISL_494346|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BD1AB4/2020|2020-11-27|EPI_ISL_702225|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A02927/2020|2020-09-29|EPI_ISL_585584|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-5EC357/2020|2020-06-16|EPI_ISL_533277|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1177/2020|2020-03-16|EPI_ISL_614646|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BBBFB1/2020|2020-11-21|EPI_ISL_705581|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-A2198C/2020|2020-10-01|EPI_ISL_587468|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACD59/2020|2020-04-22|EPI_ISL_489460|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E04B6/2020|2020-09-20|EPI_ISL_601447|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-54EC3A/2020|2020-05-12|EPI_ISL_532196|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A9B5D4/2020|2020-10-20|EPI_ISL_625329|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regA-0803765/2020|2020-08-03|EPI_ISL_734904|Original|hCoV-19^^Deurne|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-291B3/2020|2020-04-03|EPI_ISL_445493|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7719161/2020|2020-10-23|EPI_ISL_744620|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/lion/USA/NY-2-041520/2020|2020-04-04|EPI_ISL_566036|Original|hCoV-19^^New York|Panthera leo|Wildlife Conservation Society|Diagnostic Virology Laboratory|Mitchell|USA

>Spike|hCoV-19/USA/TX-HMH-7411/2020|2020-06-30|EPI_ISL_546749|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-13125A/2020|2020-05-23|EPI_ISL_467705|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SEARCH-5376/2020|2020-12-17|EPI_ISL_755188|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-12F116/2020|2020-04-13|EPI_ISL_488239|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-915/2020|2020-04-16|EPI_ISL_545916|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/HI-H200544/2020|2020-11-05|EPI_ISL_753075|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/India/OR-ILSCV31185/2020|2020-05-24|EPI_ISL_481147|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Denmark/DCGC-12191/2020|2020-11-16|EPI_ISL_682372|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-CB4421/2020|2020-12-18|EPI_ISL_761818|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7ADB5/2020|2020-10-15|EPI_ISL_606506|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-ChVir1981/2020|2020-03-06|EPI_ISL_729495|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Sichuan/SC-YA-087/2020|2020-01-30|EPI_ISL_451396|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/MI-UM-2006S001055/2020|2020-04-06|EPI_ISL_484800|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-A2D504/2020|2020-10-06|EPI_ISL_586886|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A58AC5/2020|2020-10-09|EPI_ISL_596977|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0235/2020|2020-09-05|EPI_ISL_548073|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-HMH-MCoV-19641/2020|2020-11-28|EPI_ISL_784005|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA3FAE/2020|2020-10-22|EPI_ISL_630770|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B69A1B/2020|2020-11-11|EPI_ISL_661466|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3187/2020|2020-08-31|EPI_ISL_616009|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-PV09457/2020|2020-03-19|EPI_ISL_450131|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/MILK-B86368/2020|2020-11-13|EPI_ISL_673894|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D5E6/2020|2020-10-05|EPI_ISL_586592|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1095/2020|2020-03-16|EPI_ISL_511642|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/PORT-2D1ABD/2020|2020-04-02|EPI_ISL_493644|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WA-S2227/2020|2020-06-09|EPI_ISL_497655|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-B9709A/2020|2020-11-13|EPI_ISL_675083|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CC1F5/2020|2020-09-16|EPI_ISL_573091|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Bahrain/340513774_S1_L001/2020|2020-08-17|EPI_ISL_632262|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/CAMB-802A8/2020|2020-04-09|EPI_ISL_524564|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QRTP-Donor2/2020|2020-04-01|EPI_ISL_490211|Original|hCoV-19^^California|Human|Quest Diagnostics|Q Squared Solutions - QRTP facility|Weigman|USA

>Spike|hCoV-19/Japan/PG-0764/2020|2020-03-00|EPI_ISL_684374|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-11113/2020|2020-09-01|EPI_ISL_789171|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/ID-UNM-IBL023/2020|2020-03-13|EPI_ISL_632868|Original|hCoV-19^^Idaho|Human|Idaho Bureau of Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/LEED-2A9975/2020|2020-04-27|EPI_ISL_538849|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB1B5/2020|2020-11-11|EPI_ISL_664824|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4990AE/2020|2020-12-02|EPI_ISL_727254|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-05585/2020|2020-06-01|EPI_ISL_575231|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/PV-IBV-000871/2020|2020-03-25|EPI_ISL_452685|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-9CD68C/2020|2020-09-16|EPI_ISL_566170|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4D85/2020|2020-10-21|EPI_ISL_630939|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8078/2020|2020-08-00|EPI_ISL_687179|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-1407/2020|2020-05-27|EPI_ISL_549189|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-AD160C/2020|2020-10-25|EPI_ISL_633766|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22507/2020|2020-11-16|EPI_ISL_708210|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/NOTT-11128D/2020|2020-04-23|EPI_ISL_453639|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4642/2020|2020-09-14|EPI_ISL_621874|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B288C/2020|2020-05-13|EPI_ISL_469893|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEA6D3/2020|2020-10-26|EPI_ISL_633183|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A50D2E/2020|2020-10-07|EPI_ISL_597782|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204641713/2020|2020-00-00|EPI_ISL_637192|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/FL-BPHL-1487/2020|2020-06-30|EPI_ISL_549269|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC3916/2020|2020-07-13|EPI_ISL_520628|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-53765/2020|2020-12-20|EPI_ISL_766710|Original|hCoV-19^^Ostergotland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Japan/PG-3772/2020|2020-04-00|EPI_ISL_692025|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-99007139/2020|2020-08-04|EPI_ISL_541912|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-AC7BFB/2020|2020-10-22|EPI_ISL_634494|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14540/2020|2020-11-30|EPI_ISL_711826|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1080/2020|2020-05-16|EPI_ISL_526566|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BRIS-1268FC/2020|2020-04-09|EPI_ISL_459041|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_107/2020|2020-05-12|EPI_ISL_645106|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/USA/OR-OHSU-1897/2020|2020-07-28|EPI_ISL_526063|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/204881282/2020|2020-11-00|EPI_ISL_678808|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-10EBF1/2020|2020-03-27|EPI_ISL_432903|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-2844BB/2020|2020-03-21|EPI_ISL_488729|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1685/2020|2020-05-14|EPI_ISL_708646|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-S354/2020|2020-03-25|EPI_ISL_434114|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/LA-SR0215/2020|2020-04-03|EPI_ISL_437541|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wuhan/HB-WH2-156/2020|2020-02-28|EPI_ISL_454924|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/CAMB-78EEB/2020|2020-04-02|EPI_ISL_441272|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-A9D11/2020|2020-03-23|EPI_ISL_517354|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12871/2020|2020-08-18|EPI_ISL_788023|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/MTR-03021/2020|2020-03-02|EPI_ISL_416467|Original|hCoV-19^^Holsbeek|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/VIC1360/2020|2020-04-07|EPI_ISL_456427|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012312153/2020|2020-06-19|EPI_ISL_746439|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Switzerland/SZ-ETHZ-170001/2020|2020-06-27|EPI_ISL_486516|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS6796846/2020|2020-12-01|EPI_ISL_771016|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC17314/2020|2020-07-28|EPI_ISL_663836|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/OMS-ORINFI-47S/2020|2020-05-14|EPI_ISL_569817|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/WA-S220/2020|2020-03-20|EPI_ISL_430258|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Sweden/20-53092/2020|2020-07-11|EPI_ISL_648134|Original|hCoV-19^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/VIC12183/2020|2020-07-26|EPI_ISL_563536|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B4076E/2020|2020-11-08|EPI_ISL_657246|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CED489/2020|2020-12-17|EPI_ISL_782150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A80DCB/2020|2020-10-14|EPI_ISL_610642|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0144/2020|2020-03-22|EPI_ISL_434843|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12C3C8/2020|2020-05-11|EPI_ISL_469377|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9386/2020|2020-11-16|EPI_ISL_668944|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACD24B/2020|2020-10-22|EPI_ISL_634429|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB9039/2020|2020-10-21|EPI_ISL_623779|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NP7/2020|2020-00-00|EPI_ISL_479783|unknown|hCoV-19^^England|Human|Breuer Lab|Breuer Lab|Pang|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE-13455107/2020|2020-11-07|EPI_ISL_717966|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>y|Korneenko|Russia

>Spike|hCoV-19/Switzerland/BL-ETHZ-280190/2020|2020-09-10|EPI_ISL_560466|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/PA-MGEL119/2020|2020-00-00|EPI_ISL_454393|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/USA/TX-HMH-3612/2020|2020-06-15|EPI_ISL_543066|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-0545/2020|2020-05-14|EPI_ISL_574449|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-10640/2020|2020-11-02|EPI_ISL_669738|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9E53B4/2020|2020-09-22|EPI_ISL_601025|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94CA7A/2020|2020-06-15|EPI_ISL_555980|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16150/2020|2020-10-26|EPI_ISL_785834|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49497B/2020|2020-11-21|EPI_ISL_726194|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FAC05/2020|2020-04-06|EPI_ISL_470037|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2188/2020|2020-11-12|EPI_ISL_677213|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-A1DE75/2020|2020-10-01|EPI_ISL_587357|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MT-BHDH-074/2020|2020-04-15|EPI_ISL_437433|Original|hCoV-19^^Montana|Human|Bozeman Health Deaconess Hospital|Wiedenheft lab|Nemudryi|USA

>Spike|hCoV-19/England/QEUEH-9AE36C/2020|2020-09-02|EPI_ISL_638635|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B36798/2020|2020-11-05|EPI_ISL_645394|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B85484/2020|2020-11-15|EPI_ISL_674343|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD0C0B/2020|2020-10-26|EPI_ISL_633848|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12FE2E/2020|2020-04-10|EPI_ISL_492584|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13306/2020|2020-08-24|EPI_ISL_788454|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gambia/3741/2020|2020-07-30|EPI_ISL_561010|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Brazil/PE-IAM221/2020|2020-04-08|EPI_ISL_500473|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Brazil/SC-L17-CD322/2020|2020-03-26|EPI_ISL_476297|Original|hCoV-19^^Santa Catarina|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/ALDP-C59190/2020|2020-12-13|EPI_ISL_735862|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F1889/2020|2020-09-25|EPI_ISL_589730|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3BB69/2020|2020-12-10|EPI_ISL_731873|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D2F17/2020|2020-04-07|EPI_ISL_493665|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Belgium/regA-10191280/2020|2020-10-19|EPI_ISL_735188|Original|hCoV-19^^Rotselaar|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/IA-GMF-32395/2020|2020-11-09|EPI_ISL_661142|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/CAMC-94B6D1/2020|2020-07-25|EPI_ISL_556482|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012036707/2020|2020-11-29|EPI_ISL_746919|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Denmark/DCGC-13222/2020|2020-11-30|EPI_ISL_712153|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6981/2020|2020-07-00|EPI_ISL_688086|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/UT-RIVM-20393/2020|2020-12-07|EPI_ISL_728613|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/NY-NYUMC498/2020|2020-04-03|EPI_ISL_444615|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-13999/2020|2020-11-30|EPI_ISL_711506|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/WA80/2020|2020-07-13|EPI_ISL_512733|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/FL-BPHL-1001/2020|2020-07-10|EPI_ISL_517891|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-6970/2020|2020-06-28|EPI_ISL_546396|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-269613-01/2020|2020-11-10|EPI_ISL_734431|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/NORW-E961A/2020|2020-04-22|EPI_ISL_448323|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-A4766B/2020|2020-10-05|EPI_ISL_598378|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-DB4B7/2020|2020-11-13|EPI_ISL_724773|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A47F6/2020|2020-12-17|EPI_ISL_764733|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CEC37/2020|2020-04-27|EPI_ISL_475471|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-CEC4A8/2020|2020-12-21|EPI_ISL_782171|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0951/2020|2020-10-15|EPI_ISL_700518|Original|hCoV-19^^Western Cape|Human|Plettenberg Bay Clinic wC PLC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Italy/APU-IZSPB_280PT/2020|2020-11-02|EPI_ISL_653773|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Australia/VIC874/2020|2020-04-05|EPI_ISL_427129|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Germany/NW-HHU-532/2020|2020-12-15|EPI_ISL_779942|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Wales/PHWC-163574/2020|2020-04-24|EPI_ISL_473963|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-03484/2020|2020-04-03|EPI_ISL_450546|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14454/2020|2020-10-07|EPI_ISL_787739|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hong Kong/VM20002907/2020|2020-02-25|EPI_ISL_414517|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/USA/IL-NM-0467/2020|2020-04-21|EPI_ISL_626415|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/BRIS-12A1A2/2020|2020-04-16|EPI_ISL_458381|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-004050/2020|2020-03-18|EPI_ISL_510289|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/NSW2146/2020|2020-03-14|EPI_ISL_509503|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Wales/PHWC-47E34C/2020|2020-09-29|EPI_ISL_595441|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/LOM-UniMI03/2020|2020-02-24|EPI_ISL_417447|Vero E6 P1|hCoV-19^^Lombardy|Human|Laboratory of Infectious Diseases|Laboratory of Infectious Diseases|Zehender|Italy

>Spike|hCoV-19/England/OXON-AEC88/2020|2020-04-07|EPI_ISL_448775|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-9C1794/2020|2020-09-10|EPI_ISL_573203|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1BBCF0/2020|2020-00-00|EPI_ISL_679222|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5779400/2020|2020-11-30|EPI_ISL_770961|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MI-QDX-625/2020|2020-03-19|EPI_ISL_571352|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/GCVR-17117F/2020|2020-03-27|EPI_ISL_459565|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0440/2020|2020-11-10|EPI_ISL_666807|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/CAMB-76366/2020|2020-03-30|EPI_ISL_438403|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Oman/205035037/2020|2020-05-10|EPI_ISL_491968|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of\u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/Switzerland/BE-ETHZ-380306/2020|2020-11-24|EPI_ISL_721763|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-C52926/2020|2020-12-11|EPI_ISL_736433|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B26072/2020|2020-11-04|EPI_ISL_646572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2221/2020|2020-08-07|EPI_ISL_667151|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Belgium/ULG-10393/2020|2020-08-10|EPI_ISL_540560|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Canada/ON-S1638/2020|2020-09-15|EPI_ISL_755759|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Canada/QC-LSPQ-L00230020/2020|2020-03-21|EPI_ISL_535909|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-BBB3C4/2020|2020-11-21|EPI_ISL_702449|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S256/2020|2020-03-27|EPI_ISL_591208|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/BRIS-126B8A/2020|2020-04-10|EPI_ISL_458936|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0094/2020|2020-03-24|EPI_ISL_421497|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/LOND-DA4D6/2020|2020-11-04|EPI_ISL_724635|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-B819C5/2020|2020-11-14|EPI_ISL_667940|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A2294F/2020|2020-10-03|EPI_ISL_612529|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2865B/2020|2020-03-31|EPI_ISL_431989|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7494/2020|2020-08-00|EPI_ISL_688596|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-994C8C/2020|2020-08-25|EPI_ISL_552263|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00610/2020|2020-05-11|EPI_ISL_693010|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Wales/PHWC-49270A/2020|2020-11-28|EPI_ISL_725689|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB5390/2020|2020-04-02|EPI_ISL_461737|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1013-SAN/2020|2020-04-17|EPI_ISL_483461|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-UM-10036490275/2020|2020-10-16|EPI_ISL_628863|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NOTT-112B45/2020|2020-04-25|EPI_ISL_493590|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDC0C/2020|2020-05-09|EPI_ISL_580706|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-6F65EA/2020|2020-06-30|EPI_ISL_557496|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII4723S/2020|2020-04-07|EPI_ISL_427332|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/MN-MDH-1193/2020|2020-05-05|EPI_ISL_477283|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-249A1/2020|2020-03-19|EPI_ISL_419463|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1687E2/2020|2020-04-20|EPI_ISL_494289|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/464/2020|2020-03-20|EPI_ISL_424487|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\|u00f3nsson|Iceland

>Spike|hCoV-19/India/GJ-GBRC250a/2020|2020-06-12|EPI_ISL_483833|Original|hCoV-19^^Gujarat|Human|Pandit Deendayal Upadhyay Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-CZB-2177/2020|2020-05-24|EPI_ISL_513727|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Hong Kong/VM20040257/2020|2020-07-14|EPI_ISL_523843|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Denmark/DCGC-929/2020|2020-03-30|EPI_ISL_614886|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7212/2020|2020-10-12|EPI_ISL_619203|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204540974/2020|2020-11-04|EPI_ISL_678660|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-3758/2020|2020-04-00|EPI_ISL_692011|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-9578/2020|2020-07-04|EPI_ISL_780166|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0456/2020|2020-04-04|EPI_ISL_569522|Original|hCoV-19^^Provence-Alpes-C\|u00f4te-d\|u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-15487/2020|2020-10-22|EPI_ISL_786971|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1024/2020|2020-06-23|EPI_ISL_512894|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah

University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/England/QEUEH-B6C78A/2020|2020-11-10|EPI_ISL_655929|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/MD-IBV-99007154/2020|2020-08-14|EPI_ISL_541926|Original|hCoV-
19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-
SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Netherlands/NoordBrabant_46/2020|2020-03-
11|EPI_ISL_415503|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response
team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/CA-CHLA-PLM92463629/2020|2020-11-30|EPI_ISL_753551|Original|hCoV-
19^^California|Human|Clinical virology Laboratory|Center for Personalized
Medicine|Dien Bard|USA
>Spike|hCoV-19/Canada/BC-BCCDC-6465/2020|2020-10-00|EPI_ISL_740610|Original|hCoV-
19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health
Laboratory|Prystajek|Canada
>Spike|hCoV-19/France/PAC-IHU-0078/2020|2020-03-20|EPI_ISL_569294|Original|hCoV-
19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/England/NOTT-10E5D5/2020|2020-03-22|EPI_ISL_425568|Original|hCoV-
19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-19665/2020|2020-11-16|EPI_ISL_784024|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-CZB-192/2020|2020-08-26|EPI_ISL_583200|Original|hCoV-
19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg
Biohub|Bhatt|USA
>Spike|hCoV-19/Belgium/ULG-10408/2020|2020-08-24|EPI_ISL_540575|Original|hCoV-
19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical
Genomics|Durkin|Belgium
>Spike|hCoV-19/England/QEUEH-9F7883/2020|2020-09-27|EPI_ISL_595709|Original|hCoV-
19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/QEUEH-9B4C1D/2020|2020-09-03|EPI_ISL_590444|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-977CCB/2020|2020-07-27|EPI_ISL_550484|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-12EFFF/2020|2020-04-22|EPI_ISL_488440|Original|hCoV-
19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for
the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CWAR-24FDD7E/2020|2020-05-05|EPI_ISL_584519|Original|hCoV-
19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK)
Consortium|Stark|United Kingdom
>Spike|hCoV-19/Japan/PG-6532/2020|2020-08-00|EPI_ISL_687646|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/VIC9966/2020|2020-07-23|EPI_ISL_565810|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/MI-MDHHS-SC20939/2020|2020-03-14|EPI_ISL_507729|Original|hCoV-
19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan
Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Australia/VIC492/2020|2020-03-23|EPI_ISL_426765|Original|hCoV-
19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian
Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Malaysia/IMR_WC81523/2020|2020-05-23|EPI_ISL_490096|Original|hCoV-
19^^Malaysia|Human|Institute for Medical Research|Institute for Medical
Research|Suppiah|Malaysia

>Spike|hCoV-19/England/MILK-BA9D43/2020|2020-11-17|EPI_ISL_783238|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SE-6594/2020|2020-04-29|EPI_ISL_541391|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Scotland/CVR2415/2020|2020-04-14|EPI_ISL_448185|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FBF65/2020|2020-04-11|EPI_ISL_459328|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/7LS9A9/2020|2020-10-07|EPI_ISL_756044|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-94FDE7/2020|2020-06-15|EPI_ISL_555271|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A517F/2020|2020-12-14|EPI_ISL_764829|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9BC7E7/2020|2020-09-09|EPI_ISL_568175|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CM-IBV-003750/2020|2020-04-01|EPI_ISL_474837|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/India/MH-NIV-229912/2020|2020-09-28|EPI_ISL_577702|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/MA-MASPHL-00403/2020|2020-04-26|EPI_ISL_693143|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Denmark/DCGC-1662/2020|2020-05-11|EPI_ISL_622411|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC63/2020|2020-03-18|EPI_ISL_420578|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-ACE6E4/2020|2020-10-21|EPI_ISL_629683|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C554/2020|2020-11-07|EPI_ISL_666440|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12368C/2020|2020-04-06|EPI_ISL_442691|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-UW-182/2020|2020-03-08|EPI_ISL_570973|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-15329/2020|2020-11-25|EPI_ISL_738994|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-ISB1/2020|2020-07-00|EPI_ISL_593596|Original|hCoV-19^^Washington|Human|Swedish Medical Center|Institute for Systems Biology|Roach|USA

>Spike|hCoV-19/France/IDF-2768/2020|2020-03-17|EPI_ISL_420042|Original|hCoV-19^^\u00cele-de-France|Human|Service de Biologie clinique|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/CAMC-B0B0A0/2020|2020-10-29|EPI_ISL_643548|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL547/2020|2020-08-05|EPI_ISL_578951|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/AZ-TG666150/2020|2020-04-30|EPI_ISL_696231|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-1B8051/2020|2020-10-16|EPI_ISL_637692|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/EDB10552/2020|2020-10-08|EPI_ISL_703782|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Australia/VIC6402/2020|2020-07-23|EPI_ISL_521194|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9FCD16/2020|2020-10-01|EPI_ISL_587796|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-969A2C/2020|2020-08-12|EPI_ISL_531065|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17233C/2020|2020-03-29|EPI_ISL_469976|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D99B1/2020|2020-09-18|EPI_ISL_576781|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/LU-ETHZ-410312/2020|2020-12-15|EPI_ISL_737418|Original|hCoV-19^^Lucerne|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-0806/2020|2020-05-18|EPI_ISL_514152|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-A18EB6/2020|2020-10-01|EPI_ISL_627483|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B66647/2020|2020-11-11|EPI_ISL_661583|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036648902/2020|2020-10-27|EPI_ISL_650051|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-7621/2020|2020-10-19|EPI_ISL_618536|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8757/2020|2020-07-28|EPI_ISL_565178|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-490371/2020|2020-10-28|EPI_ISL_706472|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00230536/2020|2020-03-21|EPI_ISL_535923|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Norway/4055/2020|2020-09-30|EPI_ISL_635126|Original|hCoV-19^^Tr\u00f8ndelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/mink/Netherlands/NB-EMC-36-4/2020|2020-08-20|EPI_ISL_577780|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-492BA4/2020|2020-11-26|EPI_ISL_725758|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FEFC/2020|2020-10-15|EPI_ISL_608222|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95CAC2/2020|2020-06-21|EPI_ISL_555113|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0430/2020|2020-07-03|EPI_ISL_681836|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|C\u00f4te d'Ivoire

>Spike|hCoV-19/Germany/HH-hpi-p2381/2020|2020-06-06|EPI_ISL_776459|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/CA-IGI-0428/2020|2020-07-14|EPI_ISL_756326|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Australia/VIC5444/2020|2020-07-15|EPI_ISL_520195|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/Gelderland_56/2020|2020-05-18|EPI_ISL_460955|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Zimbabwe/ZW-9100/2020|2020-06-01|EPI_ISL_644754|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/England/OXON-B053D/2020|2020-04-20|EPI_ISL_478886|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Sweden/20-22111/2020|2020-06-01|EPI_ISL_582786|Original|hCoV-19^^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-ALSR-1239/2020|2020-05-05|EPI_ISL_494453|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Chile/RM-109602/2020|2020-06-24|EPI_ISL_746561|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/NORT-293079/2020|2020-06-07|EPI_ISL_490442|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48646C/2020|2020-10-14|EPI_ISL_639046|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB10645/2020|2020-12-01|EPI_ISL_705791|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4808B1/2020|2020-10-06|EPI_ISL_612944|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E4F1B/2020|2020-09-24|EPI_ISL_600959|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/13077558/2020|2020-04-03|EPI_ISL_447432|Original|hCoV-19^^Tel Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/NORW-EFFBF/2020|2020-09-21|EPI_ISL_584728|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Vietnam/VNHN_0300/2020|2020-03-09|EPI_ISL_435310|Original|hCoV-19^^Vietnam|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/USA/MI-MDHHS-SC21263/2020|2020-04-06|EPI_ISL_507518|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-C7B63F/2020|2020-12-15|EPI_ISL_756770|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-297/2020|2020-08-07|EPI_ISL_523276|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/LI-EMC-93/2020|2020-00-00|EPI_ISL_632431|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Korea/KCDC2597/2020|2020-06-30|EPI_ISL_515000|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/NORT-292C58/2020|2020-05-18|EPI_ISL_489095|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-nimh-14722/2020|2020-05-10|EPI_ISL_515957|Original|hCoV-19^^Karnataka|Human|DH|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/England/NORT-1B71664/2020|2020-11-16|EPI_ISL_703034|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-30673-01/2020|2020-03-25|EPI_ISL_525633|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/India/MH-GA28/2020|2020-06-17|EPI_ISL_508223|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/South Korea/KCDC2713/2020|2020-07-12|EPI_ISL_522492|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/Japan/PG-4453/2020|2020-07-00|EPI_ISL_692676|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-954B21/2020|2020-06-13|EPI_ISL_553405|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A3BC/2020|2020-04-05|EPI_ISL_445563|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WY-WYPHL-00065/2020|2020-03-26|EPI_ISL_462957|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/LA-EVTL105/2020|2020-05-07|EPI_ISL_451266|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-32797/2020|2020-04-15|EPI_ISL_474351|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Tunisia/COV0010-12/2020|2020-03-18|EPI_ISL_463001|Original|hCoV-19^^Tunisia|Human|unknown|Clinical virology|Submitter|Tunisia

>Spike|hCoV-19/Denmark/DCGC-2628/2020|2020-08-17|EPI_ISL_616507|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-485B59/2020|2020-10-22|EPI_ISL_628256|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0120/2020|2020-05-18|EPI_ISL_526266|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Denmark/DCGC-1085/2020|2020-05-11|EPI_ISL_614510|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/GRMDRC-2/2020|2020-12-05|EPI_ISL_775019|Original|hCoV-19^^Dhaka|Human|Gonoshasthya-RNA Molecular Research Center|Gonoshasthya-RNA Molecular Research Center|Adnan|Bangladesh

>Spike|hCoV-19/Switzerland/SG-ETHZ-390386/2020|2020-12-01|EPI_ISL_721853|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-CB5138/2020|2020-12-17|EPI_ISL_761813|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10863/2020|2020-07-05|EPI_ISL_789664|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OH-CDC-2-3714258/2020|2020-11-09|EPI_ISL_751777|Original|hCoV-19^^Ohio|Human|OH Department of Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/LOND-D43FD/2020|2020-04-08|EPI_ISL_444121|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/France/ARA-121875/2020|2020-12-18|EPI_ISL_745392|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Japan/PG-7861/2020|2020-07-00|EPI_ISL_686962|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-7403/2020|2020-06-29|EPI_ISL_546742|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0187/2020|2020-05-20|EPI_ISL_515443|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/204690077/2020|2020-11-13|EPI_ISL_683520|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC14881/2020|2020-08-16|EPI_ISL_592662|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A6D7A8/2020|2020-10-15|EPI_ISL_608237|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S111/2020|2020-03-22|EPI_ISL_586287|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/GSTT-265E438/2020|2020-03-30|EPI_ISL_484201|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Japan/PG-5261/2020|2020-08-00|EPI_ISL_690364|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-3455/2020|2020-08-31|EPI_ISL_616219|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUIH-CDF3C9/2020|2020-12-26|EPI_ISL_782213|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B6BFF9/2020|2020-10-01|EPI_ISL_611952|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV129/2020|2020-12-21|EPI_ISL_751192|Original|hCoV-19^^Zurich|Human|Limmattal Hospital|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/Norway/3033/2020|2020-08-05|EPI_ISL_549079|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/CA-CZB-1601/2020|2020-04-02|EPI_ISL_468530|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/LIVE-A73F3/2020|2020-03-28|EPI_ISL_517017|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00364/2020|2020-05-22|EPI_ISL_693169|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/PG-1559/2020|2020-04-00|EPI_ISL_685165|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BIRM-5F99E/2020|2020-05-16|EPI_ISL_473356|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-B85466/2020|2020-11-15|EPI_ISL_674172|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32E38/2020|2020-04-14|EPI_ISL_446695|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/PA-CDC-88398/2020|2020-03-16|EPI_ISL_576171|Original|hCoV-19^^Pennsylvania|Human|PA Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-C48835/2020|2020-12-13|EPI_ISL_736751|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E58E2/2020|2020-09-24|EPI_ISL_589359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2499/2020|2020-04-28|EPI_ISL_481211|Original|hCoV-19^^Norway|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Australia/QLD1292/2020|2020-03-23|EPI_ISL_693289|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/ALDP-68C938/2020|2020-07-02|EPI_ISL_558134|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482293/2020|2020-10-21|EPI_ISL_613209|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2290/2020|2020-06-09|EPI_ISL_497718|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21449/2020|2020-04-08|EPI_ISL_507703|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NOTT-11191F/2020|2020-05-28|EPI_ISL_461941|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC5661/2020|2020-07-17|EPI_ISL_518471|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1828/2020|2020-09-11|EPI_ISL_605700|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/NSW851/2020|2020-08-12|EPI_ISL_526193|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18357/2020|2020-11-18|EPI_ISL_784705|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9ED96F/2020|2020-05-05|EPI_ISL_580791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483A8B/2020|2020-10-23|EPI_ISL_626996|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009017/2020|2020-05-11|EPI_ISL_525323|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1366/2020|2020-06-04|EPI_ISL_678012|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Iceland/386/2020|2020-03-19|EPI_ISL_424410|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-B83B72/2020|2020-11-14|EPI_ISL_675678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9665/2020|2020-07-04|EPI_ISL_780211|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NA_380/2020|2020-00-00|EPI_ISL_455182|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/ZH-EMC-546/2020|2020-09-16|EPI_ISL_577974|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/MH-BJMC-8675/2020|2020-06-02|EPI_ISL_728329|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/20134002904/2020|2020-03-18|EPI_ISL_423054|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9578BE/2020|2020-06-09|EPI_ISL_554054|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-952103/2020|2020-06-09|EPI_ISL_551319|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-733/2020|2020-03-22|EPI_ISL_571466|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-821F4/2020|2020-04-21|EPI_ISL_438632|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Sweden/20-50053/2020|2020-03-02|EPI_ISL_454869|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Finland/15LS7AF9/2020|2020-10-15|EPI_ISL_756180|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMC-B21B58/2020|2020-11-01|EPI_ISL_647247|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MO-WUSTL_C/2020|2020-08-14|EPI_ISL_610157|Original|hCoV-19^^Missouri|Human|Washington University in St. Louis|Washington University in St. Louis|Tahan|USA

>Spike|hCoV-19/England/CAMC-A664C6/2020|2020-10-11|EPI_ISL_637489|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WI-UW-583/2020|2020-06-22|EPI_ISL_484958|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-21192/2020|2020-12-21|EPI_ISL_759606|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ABBE1F/2020|2020-10-22|EPI_ISL_631071|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2256/2020|2020-06-23|EPI_ISL_521985|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CT-CDC-2-3714065/2020|2020-11-12|EPI_ISL_751624|Original|hCoV-19^^Connecticut|Human|CT-Dr. Katherine A. Kelley State Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-16004/2020|2020-11-23|EPI_ISL_714529|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B2D600/2020|2020-11-04|EPI_ISL_659863|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCB9A1/2020|2020-11-27|EPI_ISL_703976|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/25LS13H1/2020|2020-10-25|EPI_ISL_759909|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Spain/MD-HLP-R2-15/2020|2020-03-03|EPI_ISL_417979|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/USA/CA-ALSR-2188/2020|2020-06-24|EPI_ISL_635380|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-2480E/2020|2020-03-17|EPI_ISL_419449|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7226/2020|2020-06-29|EPI_ISL_546611|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-11512/2020|2020-11-02|EPI_ISL_670967|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-9FB48B/2020|2020-09-29|EPI_ISL_600614|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0497/2020|2020-12-23|EPI_ISL_778878|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-110481/2020|2020-04-07|EPI_ISL_451893|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CDPH244/2020|2020-11-15|EPI_ISL_755087|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Netherlands/NA_364/2020|2020-04-08|EPI_ISL_455168|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B31FE0/2020|2020-11-04|EPI_ISL_646449|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16069/2020|2020-10-27|EPI_ISL_785753|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC11005/2020|2020-07-30|EPI_ISL_563194|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC4398/2020|2020-07-14|EPI_ISL_519694|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Chile/MA-194109-B/2020|2020-09-27|EPI_ISL_746523|Original|hCoV-19^^Magallanes|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Gambia/GC19-3794/2020|2020-07-27|EPI_ISL_561078|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/QEUEH-9F7CD2/2020|2020-09-27|EPI_ISL_588856|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50139/2020|2020-03-04|EPI_ISL_454883|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-C48CEE/2020|2020-12-12|EPI_ISL_736655|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0379/2020|2020-02-26|EPI_ISL_480049|Original|hCoV-19^^Chubu|Human|Nagoya City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-73369/2020|2020-03-22|EPI_ISL_440089|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-8535/2020|2020-07-00|EPI_ISL_686131|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/New Zealand/20VR3076/2020|2020-00-00|EPI_ISL_579413|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-B33036/2020|2020-11-05|EPI_ISL_659283|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-101763/2020|2020-04-29|EPI_ISL_469867|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12828/2020|2020-08-19|EPI_ISL_790552|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1731/2020|2020-09-08|EPI_ISL_605604|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/SHEF-CFB48/2020|2020-03-24|EPI_ISL_442460|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Scotland/GCVR-16FE04/2020|2020-03-22|EPI_ISL_489632|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Shanghai/SH0012/2020|2020-02-02|EPI_ISL_416325|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China
>Spike|hCoV-19/England/CAMB-74140/2020|2020-03-20|EPI_ISL_440369|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Australia/VIC12420/2020|2020-07-28|EPI_ISL_591984|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Australia/VIC9624/2020|2020-08-12|EPI_ISL_565631|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUA-B9F8F4/2020|2020-11-18|EPI_ISL_720956|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/SPE-RII-19652V/2020|2020-06-03|EPI_ISL_524028|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/USA/AZ-TG579666/2020|2020-08-05|EPI_ISL_695626|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/England/204660311/2020|2020-11-11|EPI_ISL_686567|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England/QEUA-969AE0/2020|2020-08-12|EPI_ISL_531027|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/MILK-9D3A87/2020|2020-09-16|EPI_ISL_601746|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1AA957/2020|2020-04-18|EPI_ISL_470251|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-4257/2020|2020-07-00|EPI_ISL_692487|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/201420066/2020|2020-03-31|EPI_ISL_465907|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Northern Ireland/QEUA-95EC24/2020|2020-08-08|EPI_ISL_532297|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-001001/2020|2020-10-01|EPI_ISL_633024|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/Northern Ireland/NIRE-FB9EF/2020|2020-04-11|EPI_ISL_459355|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-5AA7A4/2020|2020-06-15|EPI_ISL_558889|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG442879/2020|2020-06-25|EPI_ISL_694995|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18253/2020|2020-11-17|EPI_ISL_784601|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-12021/2020|2020-03-09|EPI_ISL_671268|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B837BA/2020|2020-11-14|EPI_ISL_675279|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B4167F/2020|2020-11-08|EPI_ISL_658669|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB690/2020|2020-04-03|EPI_ISL_491552|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Nonthaburi_2982/2020|2020-03-18|EPI_ISL_455583|Vero P1|hCoV-19^^Nonthaburi|Human|Central Chest Institute of Thailand|National Institute of Health. Department of medical Sciences|Phuygun|Thailand

>Spike|hCoV-19/England/CAMB-1AD16B/2020|2020-04-30|EPI_ISL_447971|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19839/2020|2020-12-07|EPI_ISL_747823|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B6833F/2020|2020-11-11|EPI_ISL_661621|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2921C2/2020|2020-05-07|EPI_ISL_489139|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15725/2020|2020-11-23|EPI_ISL_713983|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9FC7CD/2020|2020-10-01|EPI_ISL_587866|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-0085/2020|2020-04-03|EPI_ISL_447026|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/QEUEH-9C9495/2020|2020-09-10|EPI_ISL_567336|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5CFD0/2020|2020-11-09|EPI_ISL_678841|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003063/2020|2020-03-13|EPI_ISL_538004|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8nic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-13964/2020|2020-11-30|EPI_ISL_711480|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E6EC1/2020|2020-09-24|EPI_ISL_580628|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_157/2020|2020-05-22|EPI_ISL_460917|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Zimbabwe/ZW-9949/2020|2020-06-01|EPI_ISL_644819|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/Belgium/ULG-10082/2020|2020-04-04|EPI_ISL_424649|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-CZB-1013/2020|2020-04-07|EPI_ISL_436654|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/BIRM-5FFAB/2020|2020-00-00|EPI_ISL_461544|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMB-1B054B/2020|2020-05-11|EPI_ISL_452890|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-953/2020|2020-03-09|EPI_ISL_614547|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Kazakhstan/22001/2020|2020-04-23|EPI_ISL_454582|Original|hCoV-19^^Nur-Sultan|Human|Laboratory of virology|Laboratory of molecular-genetic research|Abdaliyev|Kazakhstan

>Spike|hCoV-19/Sweden/20-22301/2020|2020-04-01|EPI_ISL_660398|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-ALSR-5088/2020|2020-07-01|EPI_ISL_730343|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B354ED/2020|2020-11-05|EPI_ISL_659668|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17591/2020|2020-07-17|EPI_ISL_663939|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A500DA/2020|2020-10-07|EPI_ISL_597763|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-952F63/2020|2020-06-11|EPI_ISL_554513|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3FB76/2020|2020-10-05|EPI_ISL_609622|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1788/2020|2020-05-00|EPI_ISL_685394|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-F0F06/2020|2020-10-17|EPI_ISL_627587|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-004081/2020|2020-04-14|EPI_ISL_510047|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-33AD9/2020|2020-04-20|EPI_ISL_446784|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-CB3158/2020|2020-12-03|EPI_ISL_760903|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/1955/2020|2020-03-11|EPI_ISL_420146|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/Australia/VIC2844/2020|2020-07-03|EPI_ISL_521675|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Brazil/RJ-00474/2020|2020-09-03|EPI_ISL_717869|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/BRIS-1333EC/2020|2020-05-20|EPI_ISL_495100|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E601/2020|2020-12-07|EPI_ISL_743023|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00489/2020|2020-05-02|EPI_ISL_693078|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/QEUEH-AD07CE/2020|2020-10-24|EPI_ISL_633787|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-95EFEF/2020|2020-08-06|EPI_ISL_532534|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2086/2020|2020-04-11|EPI_ISL_456370|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Denmark/DCGC-18194/2020|2020-12-14|EPI_ISL_749807|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16EE32/2020|2020-10-05|EPI_ISL_585871|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8099/2020|2020-08-00|EPI_ISL_687198|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS5706571/2020|2020-10-23|EPI_ISL_744282|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-BB92C9/2020|2020-11-21|EPI_ISL_702382|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-21028/2020|2020-12-12|EPI_ISL_791043|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-BAC812/2020|2020-11-18|EPI_ISL_720511|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C93E39/2020|2020-12-18|EPI_ISL_777601|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-384/2020|2020-08-02|EPI_ISL_523724|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-96F060/2020|2020-08-17|EPI_ISL_530465|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0660/2020|2020-03-16|EPI_ISL_568919|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Panama/328721/2020|2020-03-09|EPI_ISL_496608|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Norway/3725/2020|2020-09-07|EPI_ISL_590990|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Thailand/Bangkok-0026/2020|2020-03-13|EPI_ISL_429165|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Japan/DP0058/2020|2020-02-15|EPI_ISL_416568|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Chile/RM-72851/2020|2020-05-20|EPI_ISL_746785|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/MILK-9C3DCD/2020|2020-09-09|EPI_ISL_566995|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1898/2020|2020-03-15|EPI_ISL_604246|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WI-WSLH-200388/2020|2020-04-23|EPI_ISL_578554|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/India/GJ-GBRC58/2020|2020-05-03|EPI_ISL_447033|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Wales/PHWC-49B0AC/2020|2020-12-07|EPI_ISL_742291|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03445/2020|2020-11-14|EPI_ISL_765840|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/LOND-D6504/2020|2020-04-22|EPI_ISL_487616|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10F49B/2020|2020-04-02|EPI_ISL_433009|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Belgium/FM-030592/2020|2020-03-05|EPI_ISL_420348|Original|hCoV-19^^Havre|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-A65290/2020|2020-10-11|EPI_ISL_637977|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F9D28/2020|2020-09-27|EPI_ISL_595761|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Brazil/PR-5621/2020|2020-03-19|EPI_ISL_541344|Original|hCoV-19^^Paran\u00e1|Human|LACEN/PR|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/NOTT-11377D/2020|2020-09-22|EPI_ISL_573426|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Finland/3LS10AF3/2020|2020-10-03|EPI_ISL_756091|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Denmark/DCGC-17297/2020|2020-12-14|EPI_ISL_750886|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BAFA82/2020|2020-11-17|EPI_ISL_783250|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII11188S/2020|2020-05-02|EPI_ISL_507244|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza

Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/Denmark/DCGC-6470/2020|2020-10-12|EPI_ISL_620370|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-81B60/2020|2020-04-13|EPI_ISL_442526|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-3632/2020|2020-08-31|EPI_ISL_616403|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Luxembourg/LNS9652104/2020|2020-03-12|EPI_ISL_419605|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/QEUB-9F558E/2020|2020-09-25|EPI_ISL_588542|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-798CE/2020|2020-04-01|EPI_ISL_441796|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH911/2020|2020-04-06|EPI_ISL_513044|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/South Africa/KRISP-K001368/2020|2020-07-15|EPI_ISL_515853|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/USA/AZ-TG668341/2020|2020-05-13|EPI_ISL_696266|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/Denmark/DCGC-21528/2020|2020-12-21|EPI_ISL_758213|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Sweden/20-06169/2020|2020-03-23|EPI_ISL_452232|Original|hCoV-19^^Halland|Human|Saroledens Familjelakare|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/Australia/NSW2014/2020|2020-03-22|EPI_ISL_500600|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia
>Spike|hCoV-19/England/LEED-2A9C30/2020|2020-04-13|EPI_ISL_538946|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-2857/2020|2020-08-05|EPI_ISL_635716|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Hong Kong/HKSH0007/2020|2020-04-01|EPI_ISL_451957|Original|hCoV-19^^Hong Kong|Human|Molecular Pathology Division|Molecular Pathology Division|Au|China
>Spike|hCoV-19/USA/WY-WPHL-20063197/2020|2020-08-17|EPI_ISL_770074|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spike|hCoV-19/Bahrein/BAH-27/2020|2020-04-07|EPI_ISL_483565|Original|hCoV-19^^Bahrain|Human|Kingdom of Bahrein Ministry of Health|Erasmus Medical Center|Oude Munnink|Bahrain
>Spike|hCoV-19/Russia/KDA-RII-MH4917S/2020|2020-10-17|EPI_ISL_733284|Original|hCoV-19^^Krasnodar|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/Spain/AN-IBV-002870/2020|2020-03-16|EPI_ISL_474860|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC433/2020|2020-03-25|EPI_ISL_426732|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B36A26/2020|2020-11-05|EPI_ISL_645238|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B025F5/2020|2020-10-24|EPI_ISL_642973|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036548314/2020|2020-10-21|EPI_ISL_640175|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-9C60FE/2020|2020-09-10|EPI_ISL_567544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14875/2020|2020-11-23|EPI_ISL_712042|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16585/2020|2020-11-16|EPI_ISL_714855|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7092/2020|2020-08-00|EPI_ISL_688197|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-CA4196/2020|2020-12-16|EPI_ISL_762389|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B51F44/2020|2020-11-08|EPI_ISL_657720|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-1927/2020|2020-08-27|EPI_ISL_644461|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Portugal/PT1660/2020|2020-11-11|EPI_ISL_731962|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-953014/2020|2020-06-11|EPI_ISL_553663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3911/2020|2020-09-28|EPI_ISL_668390|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-9FDC54/2020|2020-10-02|EPI_ISL_587743|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B451A/2020|2020-06-02|EPI_ISL_492190|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4633/2020|2020-03-29|EPI_ISL_460632|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/BC_27283916/2020|2020-03-00|EPI_ISL_463267|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/BRIS-1240BA/2020|2020-04-07|EPI_ISL_492775|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1677/2020|2020-07-22|EPI_ISL_526000|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-12420/2020|2020-11-16|EPI_ISL_682601|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9F3CB8/2020|2020-09-24|EPI_ISL_588620|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11727/2020|2020-07-23|EPI_ISL_591840|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0929/2020|2020-06-27|EPI_ISL_699067|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Luxembourg/LNS3609481/2020|2020-10-19|EPI_ISL_740342|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/India/MH-ACTREC-677/2020|2020-09-18|EPI_ISL_700302|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-A85C7E/2020|2020-10-17|EPI_ISL_610399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-H12-3304/2020|2020-03-11|EPI_ISL_428703|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/QEUA-B0F90B/2020|2020-11-02|EPI_ISL_642177|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NJ-CDC-2-3714169/2020|2020-11-16|EPI_ISL_751659|Original|hCoV-19^^New Jersey|Human|NJ Public Health and Environmental Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Japan/PG-2008/2020|2020-04-00|EPI_ISL_685613|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-728B6/2020|2020-03-22|EPI_ISL_439941|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1446/2020|2020-08-18|EPI_ISL_572313|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC13851/2020|2020-08-21|EPI_ISL_563854|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/AR-IBV-98010626/2020|2020-09-30|EPI_ISL_722227|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-C393B/2020|2020-04-13|EPI_ISL_441948|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2665/2020|2020-05-25|EPI_ISL_522447|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/Poland/PL_P34/2020|2020-03-25|EPI_ISL_455447|Original|hCoV-19^^Mazowieckie|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/England/MILK-957F40/2020|2020-06-09|EPI_ISL_554671|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WYPHL-00091/2020|2020-03-30|EPI_ISL_462982|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/Luxembourg/LNS2360335/2020|2020-12-03|EPI_ISL_770870|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-965307/2020|2020-08-12|EPI_ISL_531203|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0807/2020|2020-07-18|EPI_ISL_522815|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-48829D/2020|2020-10-27|EPI_ISL_639373|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII5169S/2020|2020-04-09|EPI_ISL_430088|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-9EE175/2020|2020-05-08|EPI_ISL_589492|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1638/2020|2020-03-19|EPI_ISL_424168|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-993C14/2020|2020-08-27|EPI_ISL_552234|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3069/2020|2020-06-10|EPI_ISL_543973|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A1D3C1/2020|2020-10-03|EPI_ISL_595055|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-AA176C/2020|2020-10-22|EPI_ISL_625151|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-234/2020|2020-00-00|EPI_ISL_763186|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC17512/2020|2020-08-21|EPI_ISL_663906|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16B925/2020|2020-09-17|EPI_ISL_573918|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-9EE61C/2020|2020-09-23|EPI_ISL_589772|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9249/2020|2020-07-03|EPI_ISL_780489|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20431/2020|2020-12-13|EPI_ISL_728651|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/ALAB-SSI-890/2020|2020-03-31|EPI_ISL_444958|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-BFDEC5/2020|2020-11-27|EPI_ISL_720673|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0338/2020|2020-12-19|EPI_ISL_733532|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Netherlands/UT-RIVM-20976/2020|2020-12-20|EPI_ISL_790997|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response

team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/QEUA-A9F43D/2020|2020-10-20|EPI_ISL_611330|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-10059/2020|2020-07-06|EPI_ISL_789309|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-1644/2020|2020-04-00|EPI_ISL_685250|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMB-7D912/2020|2020-04-06|EPI_ISL_441701|Original|hCoV-
19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18841/2020|2020-12-07|EPI_ISL_748590|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Canada/ON-PHL-20-03761/2020|2020-11-00|EPI_ISL_775071|Original|hCoV-
19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario
Laboratory|Guthrie|Canada
>Spike|hCoV-19/Iceland/576/2020|2020-03-28|EPI_ISL_424596|Original|hCoV-
19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE
genetics|J\u00f3nsson|Iceland
>Spike|hCoV-19/England/MILK-B55089/2020|2020-11-06|EPI_ISL_657887|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Portugal/PT0097/2020|2020-03-24|EPI_ISL_453813|Original|hCoV-
19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/England/CAMC-B07772/2020|2020-10-29|EPI_ISL_643967|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-7EBC0/2020|2020-04-07|EPI_ISL_443008|Original|hCoV-
19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/AZ-TG377246/2020|2020-06-15|EPI_ISL_694618|Original|hCoV-
19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_P2-101/2020|2020-07-
02|EPI_ISL_774927|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for
Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh
>Spike|hCoV-19/Scotland/GCVR-1700BF/2020|2020-03-23|EPI_ISL_459532|Original|hCoV-
19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B20227/2020|2020-11-03|EPI_ISL_647599|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS2609501/2020|2020-12-01|EPI_ISL_770936|Original|hCoV-
19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de
sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Kenya/C8387/2020|2020-05-17|EPI_ISL_568860|Original|hCoV-19^^Taita
Taveta|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-
Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya
>Spike|hCoV-19/USA/CA-CZB-15447/2020|2020-12-03|EPI_ISL_738954|Original|hCoV-
19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Denmark/DCGC-5625/2020|2020-09-28|EPI_ISL_620950|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Netherlands/ZuidHolland_150/2020|2020-04-
17|EPI_ISL_461323|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response
team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Portugal/PT0936/2020|2020-04-03|EPI_ISL_511487|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC5392/2020|2020-07-18|EPI_ISL_520155|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B40F75/2020|2020-11-08|EPI_ISL_658656|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1802/2020|2020-04-00|EPI_ISL_685408|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4998B5/2020|2020-12-04|EPI_ISL_727371|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C9EB/2020|2020-04-13|EPI_ISL_472567|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-380343/2020|2020-11-21|EPI_ISL_721789|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/CN-IBV-97006485/2020|2020-03-25|EPI_ISL_537700|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-1629/2020|2020-05-09|EPI_ISL_468558|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21809/2020|2020-07-16|EPI_ISL_565852|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/CVR2060/2020|2020-04-10|EPI_ISL_493761|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2014/2020|2020-08-28|EPI_ISL_644474|Original|hCoV-19^^Provence-Alpes-Cote-d\u00e9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Spain/IB-IBV-99011598/2020|2020-12-23|EPI_ISL_779915|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-9FFFFF/2020|2020-10-02|EPI_ISL_600425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-IICB-003/2020|2020-09-10|EPI_ISL_569861|Original|hCoV-19^^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India

>Spike|hCoV-19/Switzerland/VB-ETHZ-300436/2020|2020-09-29|EPI_ISL_603390|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4A4A84/2020|2020-12-15|EPI_ISL_764764|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1240/2020|2020-05-05|EPI_ISL_676613|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-5749/2020|2020-08-00|EPI_ISL_688868|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A2DDFD/2020|2020-10-06|EPI_ISL_586858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2735/2020|2020-07-15|EPI_ISL_635650|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUH-AD0922/2020|2020-10-26|EPI_ISL_629792|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B82A67/2020|2020-11-14|EPI_ISL_675610|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95A60C/2020|2020-06-10|EPI_ISL_555080|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1860/2020|2020-04-10|EPI_ISL_613938|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BRIS-12D109/2020|2020-04-25|EPI_ISL_481920|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B71163/2020|2020-11-13|EPI_ISL_706304|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8701/2020|2020-10-26|EPI_ISL_626014|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-002860/2020|2020-03-13|EPI_ISL_474926|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-0997/2020|2020-04-00|EPI_ISL_684607|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/IA_6401/2020|2020-03-08|EPI_ISL_424897|Original|hCoV-19^^Iowa|Human|IA State Hygienic Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/LA-EVTL906/2020|2020-07-09|EPI_ISL_653597|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Saudi Arabia/85791C/2020|2020-03-15|EPI_ISL_469252|Original|hCoV-19^^Jeddah|Human|Special Infectious Agents Unit|Special Infectious Agents Unit|Submitter|Saudi Arabia

>Spike|hCoV-19/England/CAMC-B216DF/2020|2020-11-01|EPI_ISL_647292|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-327/2020|2020-12-13|EPI_ISL_745214|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Luxembourg/LNS2618320/2020|2020-10-26|EPI_ISL_740159|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-496A1C/2020|2020-06-07|EPI_ISL_559353|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A799C1/2020|2020-10-15|EPI_ISL_606864|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl278/2020|2020-03-15|EPI_ISL_775875|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Sweden/20-52156/2020|2020-06-24|EPI_ISL_539883|Original|hCoV-19^^Vastra Gotaland|Human|Omtanken Grimmered|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-16E6B2/2020|2020-10-01|EPI_ISL_585754|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B7A1C7/2020|2020-11-10|EPI_ISL_667902|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19799/2020|2020-11-25|EPI_ISL_784135|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20139060804/2020|2020-03-27|EPI_ISL_420734|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-ABB5FC/2020|2020-10-21|EPI_ISL_623501|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496D9B/2020|2020-11-25|EPI_ISL_726726|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B02D66/2020|2020-10-24|EPI_ISL_642888|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E035F/2020|2020-09-20|EPI_ISL_601392|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/TBSD-2488859/2020|2020-04-23|EPI_ISL_482127|Original|hCoV-19^^England|Human|The Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3664B/2020|2020-05-01|EPI_ISL_474694|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE197/2020|2020-04-27|EPI_ISL_459461|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12953/2020|2020-09-29|EPI_ISL_672109|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000769/2020|2020-03-20|EPI_ISL_632149|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19768/2020|2020-11-21|EPI_ISL_783571|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR3987/2020|2020-08-31|EPI_ISL_540784|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9EE8CB/2020|2020-09-23|EPI_ISL_580744|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A936F7/2020|2020-10-20|EPI_ISL_611183|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-952/2020|2020-03-16|EPI_ISL_571753|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9CD516/2020|2020-09-16|EPI_ISL_566403|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B438/2020|2020-11-01|EPI_ISL_645806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4795/2020|2020-07-19|EPI_ISL_519181|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Jordan/AQ-ALSR-5267/2020|2020-10-07|EPI_ISL_730505|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/NORT-1B61773/2020|2020-10-30|EPI_ISL_706276|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20287/2020|2020-03-27|EPI_ISL_447085|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-B0AAA3/2020|2020-10-29|EPI_ISL_643514|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4738/2020|2020-09-21|EPI_ISL_622177|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48629F/2020|2020-10-22|EPI_ISL_638148|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-C34483/2020|2020-12-11|EPI_ISL_734011|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/11157/2020|2020-05-25|EPI_ISL_527530|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/ALDP-935B26/2020|2020-06-21|EPI_ISL_552959|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A48C6/2020|2020-12-16|EPI_ISL_764745|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-QDX-1826/2020|2020-03-17|EPI_ISL_604110|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-7895/2020|2020-07-00|EPI_ISL_686996|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-2047/2020|2020-06-23|EPI_ISL_653200|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9022/2020|2020-07-02|EPI_ISL_780901|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CDBAB/2020|2020-09-15|EPI_ISL_566329|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3505/2020|2020-07-27|EPI_ISL_561188|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Wales/PHWC-483520/2020|2020-10-22|EPI_ISL_627830|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20132090504/2020|2020-03-23|EPI_ISL_423819|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1195/2020|2020-06-22|EPI_ISL_572274|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-11212/2020|2020-11-02|EPI_ISL_670772|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Thailand/CO63-167-3/2020|2020-03-10|EPI_ISL_450962|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/Denmark/ALAB-SSI451/2020|2020-03-25|EPI_ISL_429538|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/WA-S617/2020|2020-04-25|EPI_ISL_438170|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-4217/2020|2020-06-19|EPI_ISL_543446|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14127/2020|2020-10-01|EPI_ISL_787412|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-72266/2020|2020-09-14|EPI_ISL_693498|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Australia/VIC5990/2020|2020-07-20|EPI_ISL_518765|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1536/2020|2020-09-14|EPI_ISL_605414|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC16188/2020|2020-08-01|EPI_ISL_640719|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-163F2B/2020|2020-04-24|EPI_ISL_474103|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BHRT-24B3521/2020|2020-05-09|EPI_ISL_528801|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-DU-16/2020|2020-07-12|EPI_ISL_514253|Original|hCoV-19^^Dhaka|Human|Advanced Biotechnology Laboratory|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Australia/VIC2960/2020|2020-07-07|EPI_ISL_521790|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A58087/2020|2020-10-08|EPI_ISL_597063|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD9C6/2020|2020-10-02|EPI_ISL_587878|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B05880/2020|2020-10-24|EPI_ISL_652201|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201016626/2020|2020-07-06|EPI_ISL_594060|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B11942/2020|2020-11-02|EPI_ISL_642446|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2211019/2020|2020-12-28|EPI_ISL_771112|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Belgium/regal-10191095/2020|2020-10-19|EPI_ISL_735143|Original|hCoV-19^^Bost|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-BC0863/2020|2020-11-20|EPI_ISL_705128|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0124/2020|2020-08-08|EPI_ISL_682263|Original|hCoV-19^^San Jose|Human|HOSPITAL SAN JUAN DE DIOS|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/England/QEUA-B9EA68/2020|2020-11-18|EPI_ISL_719900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22492/2020|2020-12-14|EPI_ISL_757470|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99DC56/2020|2020-08-30|EPI_ISL_550654|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1771/2020|2020-11-09|EPI_ISL_732002|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-47F017/2020|2020-10-11|EPI_ISL_612617|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B22BDF/2020|2020-11-02|EPI_ISL_647456|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15726/2020|2020-07-09|EPI_ISL_785410|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/NW-HHU-232/2020|2020-09-14|EPI_ISL_631365|Orginal|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Switzerland/BE-ETHZ-270203/2020|2020-08-31|EPI_ISL_541444|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-8180/2020|2020-07-07|EPI_ISL_784249|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0218/2020|2020-05-17|EPI_ISL_698404|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/LOND-DA6EF/2020|2020-11-05|EPI_ISL_724656|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D2373-1/2020|2020-04-15|EPI_ISL_527463|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Germany/NW-HHU-431/2020|2020-10-25|EPI_ISL_733506|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/NY-PV09494/2020|2020-03-21|EPI_ISL_450166|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/NORW-EFB51/2020|2020-00-00|EPI_ISL_549378|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-DB4280/2020|2020-10-19|EPI_ISL_651344|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-01985/2020|2020-04-16|EPI_ISL_452171|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-9C3677/2020|2020-09-10|EPI_ISL_566684|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-98F61D/2020|2020-08-27|EPI_ISL_539959|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21917/2020|2020-12-21|EPI_ISL_758455|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-00134/2020|2020-03-22|EPI_ISL_460316|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Australia/NSW91/2020|2020-03-21|EPI_ISL_427712|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-15734/2020|2020-11-23|EPI_ISL_713988|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7972/2020|2020-10-26|EPI_ISL_617119|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW490/2020|2020-04-23|EPI_ISL_455030|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Czech Republic/NRL-10328/2020|2020-10-23|EPI_ISL_660576|Original|hCoV-19^^Central Bohemian Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/USA/MI-MDHHS-SC22325/2020|2020-11-09|EPI_ISL_708301|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/MILK-9A66F2/2020|2020-09-01|EPI_ISL_550217|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1814/2020|2020-06-02|EPI_ISL_496240|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MN-MDH-1965/2020|2020-10-13|EPI_ISL_634839|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/MILK-AB7648/2020|2020-10-20|EPI_ISL_623283|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03018/2020|2020-05-01|EPI_ISL_509560|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Australia/NSW944/2020|2020-08-02|EPI_ISL_545016|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Poland/PL_P15/2020|2020-04-07|EPI_ISL_451976|Original|hCoV-19^^Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9293/2020|2020-07-04|EPI_ISL_781042|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B6C92A/2020|2020-11-11|EPI_ISL_655008|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2473/2020|2020-08-10|EPI_ISL_617741|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0088/2020|2020-03-24|EPI_ISL_437951|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II|Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-19735/2020|2020-12-07|EPI_ISL_748519|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/WB-S48/2020|2020-05-05|EPI_ISL_455668|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Japan/PG-6516/2020|2020-07-00|EPI_ISL_687630|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-130/2020|2020-06-17|EPI_ISL_480414|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Bangladesh Council of Scientific and Industrial Research|Khan|Bangladesh

>Spike|hCoV-19/Singapore/964/2020|2020-09-09|EPI_ISL_548973|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Peru/LIM-UPCH-0068/2020|2020-06-18|EPI_ISL_540951|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Denmark/DCGC-11189/2020|2020-11-02|EPI_ISL_669555|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-DADAE/2020|2020-11-08|EPI_ISL_724710|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-9A8E25/2020|2020-08-30|EPI_ISL_551216|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204180261/2020|2020-10-04|EPI_ISL_583992|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008636/2020|2020-09-29|EPI_ISL_654207|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Sweden/RV-FOI-2/2020|2020-03-10|EPI_ISL_549176|Original|hCoV-19^^Vasterbotten|Human|Klinisk mikrobiologi|Unit for Biological Agents|Sjodin|Sweden

>Spike|hCoV-19/Canada/MB-NML-828/2020|2020-07-15|EPI_ISL_582324|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr111/2020|2020-04-26|EPI_ISL_603117|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Japan/IC-0210/2020|2020-06-00|EPI_ISL_667639|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR2154/2020|2020-04-10|EPI_ISL_453023|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7807/2020|2020-10-19|EPI_ISL_618771|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B74DAB/2020|2020-11-12|EPI_ISL_662071|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/140/2020|2020-03-17|EPI_ISL_443232|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/NY-Wadsworth-31124-01/2020|2020-03-27|EPI_ISL_676774|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/France/ARA97048/2020|2020-10-29|EPI_ISL_640007|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/BRIS-12C647/2020|2020-05-14|EPI_ISL_469483|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1662B6/2020|2020-06-13|EPI_ISL_490859|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34294/2020|2020-04-17|EPI_ISL_446895|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-F14F7/2020|2020-10-21|EPI_ISL_627599|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-31991/2020|2020-11-06|EPI_ISL_661121|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/ACT0027/2020|2020-03-22|EPI_ISL_498494|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/QEUF-9C884F/2020|2020-09-10|EPI_ISL_567133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10CC47A/2020|2020-12-06|EPI_ISL_702579|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUF-9637D0/2020|2020-08-10|EPI_ISL_531828|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2027/2020|2020-04-00|EPI_ISL_685632|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0248/2020|2020-04-25|EPI_ISL_527824|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/India/MH-MW29/2020|2020-05-23|EPI_ISL_508432|Original|hCoV-19^^Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Denmark/DCGC-21833/2020|2020-12-21|EPI_ISL_757785|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BE-ChVir-D2032-8244/2020|2020-10-12|EPI_ISL_753794|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/LOND-124C689/2020|2020-03-21|EPI_ISL_492908|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG405037/2020|2020-06-23|EPI_ISL_694870|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/AK-CDC-2-3714583/2020|2020-11-16|EPI_ISL_751598|Original|hCoV-19^^Alaska|Human|AK State Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/New Zealand/20VR2479/2020|2020-00-00|EPI_ISL_579240|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-HMH-MCoV-19508/2020|2020-11-17|EPI_ISL_783545|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AR-QDX-537/2020|2020-03-18|EPI_ISL_571262|Original|hCoV-19^^Arkansas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/KY-CDC-2-3693686/2020|2020-11-04|EPI_ISL_747091|Original|hCoV-19^^Kentucky|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/QEUF-AD5E6A/2020|2020-10-26|EPI_ISL_634585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1399/2020|2020-05-19|EPI_ISL_495849|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-2469/2020|2020-08-10|EPI_ISL_617570|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-795/2020|2020-07-04|EPI_ISL_495499|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/WA474/2020|2020-03-30|EPI_ISL_708768|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-AA4F61/2020|2020-10-21|EPI_ISL_630944|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-98001807/2020|2020-04-01|EPI_ISL_538163|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/AZ-TG395896/2020|2020-06-05|EPI_ISL_694740|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310416/2020|2020-10-08|EPI_ISL_603490|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B7B69A/2020|2020-11-11|EPI_ISL_724024|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164889/2020|2020-06-05|EPI_ISL_479315|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E4D3F/2020|2020-09-24|EPI_ISL_601079|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A962C/2020|2020-08-31|EPI_ISL_551027|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0808/2020|2020-03-20|EPI_ISL_511067|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/England/LOND-124C80B/2020|2020-00-00|EPI_ISL_490434|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/WA-S1329/2020|2020-05-15|EPI_ISL_495779|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-2A9D8/2020|2020-04-06|EPI_ISL_445648|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Brazil/SP-L15-CD285/2020|2020-03-30|EPI_ISL_476276|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/Luxembourg/LNS8832723/2020|2020-10-19|EPI_ISL_744814|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/NE-11792/2020|2020-05-05|EPI_ISL_466682|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/SHEF-C11BD/2020|2020-04-07|EPI_ISL_432722|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20898/2020|2020-12-16|EPI_ISL_790934|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response

team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/VA-DCLS-1574/2020|2020-08-14|EPI_ISL_610134|Original|hCoV-
19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/USA/WA-S1645/2020|2020-05-27|EPI_ISL_496071|Original|hCoV-
19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Scotland/QEUH-BA182C/2020|2020-11-17|EPI_ISL_757202|Original|hCoV-
19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-1295/2020|2020-03-00|EPI_ISL_684903|Original|hCoV-
19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics
Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-B3868A/2020|2020-11-01|EPI_ISL_658801|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-483F7D/2020|2020-10-23|EPI_ISL_627949|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-32542/2020|2020-04-06|EPI_ISL_474327|Original|hCoV-
19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United
Kingdom
>Spike|hCoV-19/Australia/VIC9567/2020|2020-08-06|EPI_ISL_565605|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Spain/CL-IBV-97006288/2020|2020-04-21|EPI_ISL_537658|Original|hCoV-
19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN
consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/England/ALDP-BBB300/2020|2020-11-21|EPI_ISL_701844|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A6689D/2020|2020-10-12|EPI_ISL_630516|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-GMF-06776/2020|2020-06-17|EPI_ISL_489909|Original|hCoV-
19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research
Institute|Kenny|USA
>Spike|hCoV-19/Japan/PG-6458/2020|2020-08-00|EPI_ISL_689563|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/EDB703/2020|2020-04-01|EPI_ISL_433226|Original|hCoV-
19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|Williams|United Kingdom
>Spike|hCoV-19/Taiwan/NTU01/2020|2020-01-31|EPI_ISL_408489|LLC-MK2|hCoV-
19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core
Lab|Lin|Taiwan
>Spike|hCoV-19/Brazil/SP-L4-CAMPI65/2020|2020-04-18|EPI_ISL_476398|Original|hCoV-
19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica -
UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Sabino|Brazil
>Spike|hCoV-19/Australia/NSW1364/2020|2020-12-28|EPI_ISL_767930|Original|hCoV-19^^New
South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred
Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical
Pathology and Medical Research; Westmead Hospital; University of
Sydney|Gall|Australia
>Spike|hCoV-19/England/PORT-2D5AF5/2020|2020-12-18|EPI_ISL_765136|Original|hCoV-
19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)
Consortium|Robson|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS7114654/2020|2020-10-09|EPI_ISL_744515|Original|hCoV-
19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de
sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC6092/2020|2020-07-22|EPI_ISL_518117|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-WSLH-200487/2020|2020-05-20|EPI_ISL_578628|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Australia/VIC12700/2020|2020-07-25|EPI_ISL_592059|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NM-DOH-2020316610/2020|2020-08-27|EPI_ISL_732723|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/CAMB-83E74/2020|2020-04-23|EPI_ISL_438702|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-B022/2020|2020-10-23|EPI_ISL_718192|Original|hCoV-19^^Sarawak|Human|Borneo Medical Centre|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/USA/WA-UW-4603/2020|2020-03-31|EPI_ISL_515278|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B5DA74/2020|2020-11-10|EPI_ISL_702847|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00753/2020|2020-09-15|EPI_ISL_682047|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/BHRT-24B3679/2020|2020-05-14|EPI_ISL_528799|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-969D05/2020|2020-08-12|EPI_ISL_530945|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17020/2020|2020-12-14|EPI_ISL_750715|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AABBB/2020|2020-04-18|EPI_ISL_470185|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L34-CD875/2020|2020-04-23|EPI_ISL_722037|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/USA/ME-HETL-J0330/2020|2020-11-24|EPI_ISL_755458|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH991/2020|2020-06-23|EPI_ISL_513065|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/DC-HP00462/2020|2020-03-25|EPI_ISL_511863|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/MILK-A7DF25/2020|2020-10-12|EPI_ISL_709935|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5037/2020|2020-07-16|EPI_ISL_519841|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Oman/205038017/2020|2020-05-21|EPI_ISL_491989|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of Microbiology and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/USA/NY-NYCPHL-001180/2020|2020-10-30|EPI_ISL_671759|Original|hCoV-19^^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-2BB77/2020|2020-03-28|EPI_ISL_445814|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG308847/2020|2020-05-14|EPI_ISL_694316|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Northern Ireland/QEUH-96EDF1/2020|2020-08-19|EPI_ISL_530517|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-004025/2020|2020-03-12|EPI_ISL_510268|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-UW-3988/2020|2020-03-29|EPI_ISL_427228|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-ALSR-1626/2020|2020-04-26|EPI_ISL_494696|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-UW-596/2020|2020-03-12|EPI_ISL_430892|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-9DA0E8/2020|2020-09-18|EPI_ISL_576845|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-021/2020|2020-03-19|EPI_ISL_420089|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/WA-S1998/2020|2020-06-04|EPI_ISL_497426|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-1266/2020|2020-06-08|EPI_ISL_618045|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/NW-HHU-112/2020|2020-08-26|EPI_ISL_539589|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/TX-HMH-MCoV-10046/2020|2020-07-06|EPI_ISL_789302|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-0721-SAN/2020|2020-03-27|EPI_ISL_483323|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-3090/2020|2020-08-31|EPI_ISL_616870|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6156/2020|2020-08-00|EPI_ISL_689268|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-178/2020|2020-06-15|EPI_ISL_483626|Original|hCoV-19^^Rajshahi|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/MILK-B5513B/2020|2020-11-06|EPI_ISL_657783|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON_MU-S5/2020|2020-03-13|EPI_ISL_463988|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Denmark/DCGC-12223/2020|2020-11-16|EPI_ISL_682404|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/MILK-99DA5C/2020|2020-08-30|EPI_ISL_550536|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ITM_C053/2020|2020-03-26|EPI_ISL_434372|Original|hCoV-19^^Antwerp|Human|Hospital AZ Rivierenland|Institute of Tropical Medicine|Selhorst|Belgium

>Spike|hCoV-19/England/QEUH-AD6397/2020|2020-10-25|EPI_ISL_629883|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7887/2020|2020-10-26|EPI_ISL_618854|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS2581393/2020|2020-10-22|EPI_ISL_740147|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S2706/2020|2020-06-23|EPI_ISL_497338|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-4102/2020|2020-06-18|EPI_ISL_543372|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-618/2020|2020-06-24|EPI_ISL_484993|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-691174/2020|2020-07-02|EPI_ISL_558011|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1861/2020|2020-11-13|EPI_ISL_732080|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Germany/BY-MVP-0296/2020|2020-05-26|EPI_ISL_466925|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/USA/WA-UW-1279/2020|2020-03-17|EPI_ISL_422974|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-95CB47/2020|2020-06-17|EPI_ISL_553466|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SD-SDPHL-0015/2020|2020-08-17|EPI_ISL_569623|Original|hCoV-19^^South Dakota|Human|Quick Care Watertown|South Dakota Public Health Laboratory|Carlson|USA

>Spike|hCoV-19/England/MILK-B5553F/2020|2020-11-05|EPI_ISL_657977|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7425C/2020|2020-03-19|EPI_ISL_440348|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-1466/2020|2020-04-29|EPI_ISL_496339|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/CA-CZB-2470/2020|2020-05-19|EPI_ISL_513874|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-95D8E5/2020|2020-06-21|EPI_ISL_556293|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09161/2020|2020-03-22|EPI_ISL_422526|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/South Korea/KDCA0266/2020|2020-09-18|EPI_ISL_760060|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Switzerland/BS-UHB-42191012/2020|2020-03-14|EPI_ISL_528087|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUA-963AF5/2020|2020-08-10|EPI_ISL_536943|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-236/2020|2020-00-00|EPI_ISL_523215|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-5711/2020|2020-09-28|EPI_ISL_621216|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/NW-HHU-387/2020|2020-11-01|EPI_ISL_718069|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/LIVE-DB2B69/2020|2020-11-03|EPI_ISL_650161|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F0680/2020|2020-09-24|EPI_ISL_580855|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-CMM-05207/2020|2020-04-30|EPI_ISL_468748|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Facultad de Medicina UC|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/Canada/QC_AS1/2020|2020-04-02|EPI_ISL_463935|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/QEUA-9F369C/2020|2020-09-24|EPI_ISL_588498|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0414678/2020|2020-04-14|EPI_ISL_738213|Original|hCoV-19^^Chercq|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-27391/2020|2020-03-31|EPI_ISL_432232|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00243118/2020|2020-03-30|EPI_ISL_536349|Original|hCoV-19^^Quebec|Human|H\u00f0pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-18148/2020|2020-12-14|EPI_ISL_749781|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9D3FD3/2020|2020-09-18|EPI_ISL_601689|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4939C7/2020|2020-11-30|EPI_ISL_725967|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1612/2020|2020-07-07|EPI_ISL_693614|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH0267/2020|2020-03-26|EPI_ISL_434896|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-27337/2020|2020-03-31|EPI_ISL_432081|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1463/2020|2020-09-12|EPI_ISL_541595|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Japan/IC-0401/2020|2020-12-00|EPI_ISL_736895|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-26BA9/2020|2020-03-27|EPI_ISL_422170|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/EXET-13EF56/2020|2020-12-15|EPI_ISL_763383|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/USA/GA-QDX-2442/2020|2020-03-13|EPI_ISL_604777|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Switzerland/ZH-ETHZ-350200/2020|2020-10-30|EPI_ISL_693848|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Netherlands/NH-EMC-71/2020|2020-09-13|EPI_ISL_632501|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/CAMB-804A2/2020|2020-04-09|EPI_ISL_470428|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9F9C49/2020|2020-09-26|EPI_ISL_595755|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/France/ARA-SC016/2020|2020-03-03|EPI_ISL_629087|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spike|hCoV-19/Wales/PHWC-498151/2020|2020-11-30|EPI_ISL_727032|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-0769/2020|2020-06-29|EPI_ISL_512574|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/OXON-AC561/2020|2020-04-07|EPI_ISL_448461|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/ALDP-C04F12/2020|2020-12-04|EPI_ISL_720796|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/EXET-1362CE/2020|2020-04-12|EPI_ISL_457216|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/USA/MI-UM-10036409513/2020|2020-10-12|EPI_ISL_610072|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/USA/CA-CZB-13920/2020|2020-08-06|EPI_ISL_739519|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/C200042646/2020|2020-11-02|EPI_ISL_666741|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-94F312/2020|2020-06-18|EPI_ISL_556020|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S999/2020|2020-04-28|EPI_ISL_463489|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/USA/CA-SEARCH-5404/2020|2020-10-18|EPI_ISL_755215|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-12092/2020|2020-09-19|EPI_ISL_790198|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC7916/2020|2020-08-03|EPI_ISL_564742|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9A6B20/2020|2020-09-02|EPI_ISL_550160|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20184/2020|2020-11-30|EPI_ISL_748036|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-17981/2020|2020-11-16|EPI_ISL_786129|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-A7925D/2020|2020-10-12|EPI_ISL_638792|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11872/2020|2020-09-14|EPI_ISL_790125|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2D638/2020|2020-04-04|EPI_ISL_446006|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-170ADF/2020|2020-03-24|EPI_ISL_459671|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2014/2020|2020-11-19|EPI_ISL_732233|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-B9FA1C/2020|2020-11-18|EPI_ISL_721172|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABE2A/2020|2020-04-21|EPI_ISL_470270|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B2B6/2020|2020-11-02|EPI_ISL_645839|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F8EB/2020|2020-10-06|EPI_ISL_587110|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648723/2020|2020-04-13|EPI_ISL_695908|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-4255/2020|2020-09-14|EPI_ISL_622148|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-L37-CD965/2020|2020-05-04|EPI_ISL_722022|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Wales/MILK-9E0744/2020|2020-09-20|EPI_ISL_601487|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC7166-CSIR-IGIB/2020|2020-05-27|EPI_ISL_482632|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Wales/PHWC-493E5F/2020|2020-11-10|EPI_ISL_726033|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1618/2020|2020-09-28|EPI_ISL_605496|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Denmark/DCGC-16999/2020|2020-12-14|EPI_ISL_750700|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-ACEE28/2020|2020-10-21|EPI_ISL_629671|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A1CAF/2020|2020-12-13|EPI_ISL_743800|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL1138/2020|2020-12-07|EPI_ISL_768407|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Wuhan/HB-WHCM2-276/2020|2020-02-24|EPI_ISL_455009|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
>Spike|hCoV-19/USA/RI-CDC-6616/2020|2020-07-30|EPI_ISL_535359|Original|hCoV-19^^Rhode Island|Human|RI State Health Laboratories|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/England/20118060704/2020|2020-03-13|EPI_ISL_464934|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-3813/2020|2020-08-31|EPI_ISL_622703|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/EXET-136185/2020|2020-04-14|EPI_ISL_457205|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/England/MILK-B3BEDA/2020|2020-11-01|EPI_ISL_706107|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Brazil/RJ-2904/2020|2020-04-28|EPI_ISL_541363|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spike|hCoV-19/England/MILK-958501/2020|2020-06-09|EPI_ISL_554835|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/VC-FISABIO-268/2020|2020-03-18|EPI_ISL_436363|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/Wales/PHWC-48B5CE/2020|2020-11-08|EPI_ISL_666257|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Switzerland/NE-ETHZ-390323/2020|2020-11-29|EPI_ISL_721836|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Wales/PHWC-16B10F/2020|2020-09-13|EPI_ISL_560245|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/AZ-TG670239/2020|2020-03-25|EPI_ISL_696419|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/Japan/PG-4169/2020|2020-07-00|EPI_ISL_692408|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/ALDP-9E8120/2020|2020-09-24|EPI_ISL_638239|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/QEUH-9F3474/2020|2020-09-24|EPI_ISL_588565|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL183/2020|2020-07-19|EPI_ISL_574318|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Serbia/KV57-12-07/2020|2020-07-11|EPI_ISL_514427|Original|hCoV-19^^Serbia|Human|Laboratory Diagnostic|Laboratory Diagnostic|Submitter|Serbia

>Spike|hCoV-19/Scotland/GCVR-1709A5/2020|2020-03-25|EPI_ISL_459662|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1370/2020|2020-12-31|EPI_ISL_767936|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-9E67F3/2020|2020-09-24|EPI_ISL_580547|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1087/2020|2020-03-26|EPI_ISL_593606|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/ALDP-5D02FF/2020|2020-06-19|EPI_ISL_558454|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA472D/2020|2020-10-22|EPI_ISL_624346|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW380/2020|2020-04-13|EPI_ISL_451640|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/20142024504/2020|2020-03-29|EPI_ISL_465935|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Hangzhou/ZJU-011/2020|2020-02-04|EPI_ISL_418991|Vero|hCoV-19^^Hangzhou|Human|State Key Laboratory for Diagnosis and Treatment of Infectious Diseases|State Key Laboratory for Diagnosis and Treatment of Infectious Diseases|Jiang|China

>Spike|hCoV-19/USA/TX-HMH-3226/2020|2020-06-12|EPI_ISL_544093|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/CN-ISCI-201810/2020|2020-03-06|EPI_ISL_539532|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Canarias|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/ALDP-B46ABA/2020|2020-11-07|EPI_ISL_656161|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142130404/2020|2020-03-30|EPI_ISL_423467|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-AA044/2020|2020-03-22|EPI_ISL_517392|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-1223FF/2020|2020-04-04|EPI_ISL_440802|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Norway/5366/2020|2020-11-02|EPI_ISL_708065|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/QEUA-BA265E/2020|2020-11-18|EPI_ISL_672900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A0BAEF/2020|2020-10-01|EPI_ISL_599428|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-INCA-C76/2020|2020-04-24|EPI_ISL_513566|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil

>Spike|hCoV-19/Australia/VIC6412/2020|2020-07-21|EPI_ISL_521204|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/OMS-ORINFI-3807S/2020|2020-05-13|EPI_ISL_569763|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/FL-BD6J/2020|2020-08-20|EPI_ISL_602321|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Wales/PHWC-16F068/2020|2020-10-07|EPI_ISL_585905|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR2983/2020|2020-04-23|EPI_ISL_449176|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DEA22/2020|2020-09-21|EPI_ISL_601191|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496083/2020|2020-11-23|EPI_ISL_726525|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10878/2020|2020-11-13|EPI_ISL_678421|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/LOND-125FD9D/2020|2020-04-06|EPI_ISL_516877|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CAD02/2020|2020-09-16|EPI_ISL_575412|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B48F3/2020|2020-06-05|EPI_ISL_473485|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Norway/6391/2020|2020-12-03|EPI_ISL_775497|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-070/2020|2020-05-26|EPI_ISL_466639|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Denmark/ALAB-SSI-849/2020|2020-03-30|EPI_ISL_444940|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/South Korea/KCDC2227/2020|2020-05-08|EPI_ISL_510565|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-C3D754/2020|2020-12-10|EPI_ISL_731829|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003506/2020|2020-03-26|EPI_ISL_537951|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/South Africa/KRISP-K002234/2020|2020-07-21|EPI_ISL_515628|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-16963F/2020|2020-07-20|EPI_ISL_512489|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/G-NVRL-73IRL20450/2020|2020-09-04|EPI_ISL_578278|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/GCVR-17141C/2020|2020-03-27|EPI_ISL_489600|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/VNHN_3096/2020|2020-03-27|EPI_ISL_455702|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/Denmark/DCGC-5939/2020|2020-10-05|EPI_ISL_620204|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC16862/2020|2020-08-06|EPI_ISL_663611|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Peru/CAL-INS-103/2020|2020-05-02|EPI_ISL_536502|Original|hCoV-19^^Callao|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/Panama/331789/2020|2020-03-21|EPI_ISL_496692|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/QEUEH-AD1FC5/2020|2020-10-26|EPI_ISL_634004|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D3A9D/2020|2020-04-17|EPI_ISL_529375|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B1455A/2020|2020-11-03|EPI_ISL_642737|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2534/2020|2020-00-00|EPI_ISL_579279|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR) |Wang|New Zealand

>Spike|hCoV-19/Japan/PG-8001/2020|2020-08-00|EPI_ISL_687102|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-522917/2020|2020-06-02|EPI_ISL_559003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18632/2020|2020-12-07|EPI_ISL_749177|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A70326/2020|2020-10-15|EPI_ISL_607767|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9947E/2020|2020-11-15|EPI_ISL_673852|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5007/2020|2020-08-00|EPI_ISL_689638|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/New Zealand/20VR2003/2020|2020-00-00|EPI_ISL_579199|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR) |Wang|New Zealand

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300240/2020|2020-10-01|EPI_ISL_603273|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-9AA0D/2020|2020-03-28|EPI_ISL_449378|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-B3B20B/2020|2020-11-01|EPI_ISL_706054|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3218/2020|2020-06-12|EPI_ISL_544086|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18581/2020|2020-11-20|EPI_ISL_784929|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9ECCD0/2020|2020-05-05|EPI_ISL_589329|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1094/2020|2020-04-01|EPI_ISL_593613|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Wales/PHWC-31929/2020|2020-04-11|EPI_ISL_446505|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489B73/2020|2020-10-27|EPI_ISL_652460|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-400297/2020|2020-12-07|EPI_ISL_729156|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/OXON-B2049/2020|2020-05-01|EPI_ISL_479108|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20010/2020|2020-03-10|EPI_ISL_437097|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LIVE-A777F/2020|2020-03-27|EPI_ISL_517067|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-99A099/2020|2020-08-29|EPI_ISL_550286|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6013/2020|2020-07-00|EPI_ISL_689126|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/ALAB-SSI-800/2020|2020-03-28|EPI_ISL_437672|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/PHWC-4A046C/2020|2020-12-10|EPI_ISL_743447|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-7445BF/2020|2020-06-29|EPI_ISL_557522|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12863/2020|2020-06-29|EPI_ISL_570916|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Germany/HH-hpi-pl830/2020|2020-03-22|EPI_ISL_776184|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/CA-CZB-14892/2020|2020-11-25|EPI_ISL_739347|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/LIVE-1E1C6A/2020|2020-10-13|EPI_ISL_611570|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0594/2020|2020-04-10|EPI_ISL_568878|Original|hCoV-19^^Provence-Alpes-C\00f4te-d\02019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/NORT-281991/2020|2020-03-22|EPI_ISL_488747|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA3C2/2020|2020-04-16|EPI_ISL_443515|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL770/2020|2020-07-21|EPI_ISL_653461|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-32B8C/2020|2020-04-15|EPI_ISL_446658|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_214/2020|2020-05-08|EPI_ISL_461386|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Germany/HH-hpi-p1765/2020|2020-03-19|EPI_ISL_776139|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/NM-DOH-2020632321/2020|2020-12-19|EPI_ISL_766922|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Singapore/664/2020|2020-04-14|EPI_ISL_493424|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/WI-UW-2605/2021|2021-01-02|EPI_ISL_791122|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Portugal/PT0617/2020|2020-03-17|EPI_ISL_454340|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Singapore/315/2020|2020-02-19|EPI_ISL_462433|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-95648E/2020|2020-06-08|EPI_ISL_553961|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96D93A/2020|2020-08-20|EPI_ISL_534515|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200032/2020|2020-04-24|EPI_ISL_471197|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/MILK-B8666F/2020|2020-11-13|EPI_ISL_673914|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13DCAB/2020|2020-12-02|EPI_ISL_724284|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/France/ARA-SC001/2020|2020-02-28|EPI_ISL_629081|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/MILK-9E152B/2020|2020-09-19|EPI_ISL_577405|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A34A/2020|2020-12-01|EPI_ISL_727531|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B3593/2020|2020-05-26|EPI_ISL_461563|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Thailand/Samut Sakorn_894/2020|2020-12-19|EPI_ISL_768541|Original|hCoV-19^^Samut Sakorn|Human|Regional Medical Sciences Center 5 Samut Songkhram|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Wales/PHWC-166447/2020|2020-06-21|EPI_ISL_493998|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B3A846/2020|2020-11-01|EPI_ISL_679686|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/201361022/2020|2020-03-25|EPI_ISL_421790|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18322/2020|2020-12-07|EPI_ISL_749888|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B30B92/2020|2020-11-03|EPI_ISL_659813|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20609/2020|2020-03-30|EPI_ISL_790628|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMB-74395/2020|2020-03-18|EPI_ISL_425284|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/FL-ADPH/2020|2020-06-28|EPI_ISL_513278|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/England/QEUEH-9DF010/2020|2020-09-21|EPI_ISL_584842|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LIVE-9E9C0/2020|2020-04-12|EPI_ISL_453352|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Singapore/362/2020|2020-04-13|EPI_ISL_469117|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-9731C0/2020|2020-08-20|EPI_ISL_575855|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1198/2020|2020-08-10|EPI_ISL_527808|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-9803/2020|2020-11-09|EPI_ISL_669192|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/SVE-RII-MH2978S/2020|2020-10-03|EPI_ISL_733087|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-AAF582/2020|2020-10-22|EPI_ISL_631001|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV19048/2020|2020-05-16|EPI_ISL_463064|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/WA-UW-1435/2020|2020-03-17|EPI_ISL_423024|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B8C933/2020|2020-11-12|EPI_ISL_675907|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ITM_C366/2020|2020-04-08|EPI_ISL_434374|Original|hCoV-19^^Antwerp|Human|Hospital AZ Rivierenland|Institute of Tropical Medicine|Selhorst|Belgium

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-118a/2020|2020-06-18|EPI_ISL_482487|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/ALDP-9540D7/2020|2020-06-12|EPI_ISL_553780|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001921/2020|2020-03-17|EPI_ISL_467075|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e0ldiz - INIBICA|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Finland/29A53S/2020|2020-04-29|EPI_ISL_481637|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMB-768B2/2020|2020-03-29|EPI_ISL_438347|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR5374/2020|2020-10-22|EPI_ISL_651783|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/204561474/2020|2020-11-05|EPI_ISL_678687|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-C5CA29/2020|2020-12-14|EPI_ISL_769540|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9B7C/2020|2020-09-24|EPI_ISL_580104|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-908834/2020|2020-06-24|EPI_ISL_551369|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MS-CDC-6554/2020|2020-09-03|EPI_ISL_648009|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-4A57B9/2020|2020-12-16|EPI_ISL_764920|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC902/2020|2020-04-26|EPI_ISL_467395|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/UT-QDX-1277/2020|2020-03-14|EPI_ISL_572043|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CO-CDPHE-2011210352/2020|2020-11-19|EPI_ISL_771276|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/WI-GMF-01978/2020|2020-04-28|EPI_ISL_436892|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-S334/2020|2020-04-04|EPI_ISL_434094|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/BRIS-13076B/2020|2020-04-12|EPI_ISL_492696|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1081/2020|2020-04-06|EPI_ISL_430580|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory

(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/TX-DSHS-1197/2020|2020-03-17|EPI_ISL_631659|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Luxembourg/LNS0102726/2020|2020-10-31|EPI_ISL_739711|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/WI-UW-2320/2020|2020-11-13|EPI_ISL_728086|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Australia/WA90/2020|2020-03-24|EPI_ISL_512743|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia
>Spike|hCoV-19/Wales/PHWC-33B21/2020|2020-04-21|EPI_ISL_446789|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-DSHS-1909/2020|2020-07-11|EPI_ISL_751536|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Denmark/DCGC-7812/2020|2020-10-19|EPI_ISL_618762|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-9C4676/2020|2020-09-07|EPI_ISL_549460|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/20169037604/2020|2020-04-14|EPI_ISL_465246|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Scotland/EDB9299/2020|2020-11-04|EPI_ISL_666073|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/England/ALDP-5201F3/2020|2020-06-02|EPI_ISL_559094|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-1086F6/2020|2020-09-13|EPI_ISL_585196|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-22177/2020|2020-12-14|EPI_ISL_757824|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Spain/CL-IBV-97006305/2020|2020-04-22|EPI_ISL_537674|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/Japan/PG-3076/2020|2020-04-00|EPI_ISL_691199|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Japan/TKYE610670/2020|2020-04-00|EPI_ISL_479681|unknown|hCoV-19^^Japan|Human|unknown|Contact|Submitter|Japan
>Spike|hCoV-19/Peru/LIM-UPCH-0152/2020|2020-08-28|EPI_ISL_568546|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru
>Spike|hCoV-19/USA/AK-PHL1822/2020|2020-07-22|EPI_ISL_528506|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA
>Spike|hCoV-19/Chile/RM-112634/2020|2020-06-28|EPI_ISL_746586|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Pública de Chile|Tognarelli|Chile
>Spike|hCoV-19/England/MILK-48ADE5/2020|2020-05-18|EPI_ISL_559671|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C76A/2020|2020-11-18|EPI_ISL_742597|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-32239/2020|2020-11-08|EPI_ISL_661132|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/CAMB-1BD56C/2020|2020-00-00|EPI_ISL_764315|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13783/2020|2020-08-17|EPI_ISL_788876|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2012392301/2020|2020-11-18|EPI_ISL_746969|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/TX-DSHS-1994/2020|2020-06-21|EPI_ISL_766741|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Luxembourg/LNS9049294/2020|2020-11-22|EPI_ISL_744838|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-A52876/2020|2020-10-07|EPI_ISL_598055|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1456/2020|2020-04-08|EPI_ISL_549238|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-A1E4FA/2020|2020-10-01|EPI_ISL_587327|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1A90/2020|2020-10-22|EPI_ISL_624282|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2016/2020|2020-03-00|EPI_ISL_685621|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/VA-DCLS-2239/2020|2020-11-03|EPI_ISL_734219|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/South Africa/N00103/2020|2020-06-12|EPI_ISL_623023|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/QEUEH-B11A12/2020|2020-11-02|EPI_ISL_642440|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B988BF/2020|2020-11-15|EPI_ISL_673777|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD38C8/2020|2020-10-26|EPI_ISL_633737|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0268/2020|2020-11-00|EPI_ISL_667697|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-1427/2020|2020-07-16|EPI_ISL_509198|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUEH-9FA49B/2020|2020-09-28|EPI_ISL_588244|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C254/2020|2020-04-15|EPI_ISL_434016|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C14CAF/2020|2020-12-06|EPI_ISL_710697|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/328709/2020|2020-02-28|EPI_ISL_496605|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr460/2020|2020-09-12|EPI_ISL_636895|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/QEUH-9B4767/2020|2020-09-04|EPI_ISL_590421|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW339/2020|2020-03-16|EPI_ISL_418906|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-742/2020|2020-03-27|EPI_ISL_444884|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUH-9CE9FB/2020|2020-09-17|EPI_ISL_590124|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C25F48/2020|2020-12-06|EPI_ISL_782856|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-80E0E/2020|2020-04-10|EPI_ISL_442979|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10842/2020|2020-10-27|EPI_ISL_666877|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/NORT-2896CF/2020|2020-03-31|EPI_ISL_458649|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200105/2020|2020-04-16|EPI_ISL_752668|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-9E0ED6/2020|2020-09-20|EPI_ISL_581069|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A9FA0E/2020|2020-10-20|EPI_ISL_665628|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-A6938A/2020|2020-10-09|EPI_ISL_609124|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-96267A/2020|2020-08-10|EPI_ISL_531667|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76AF8/2020|2020-03-31|EPI_ISL_438473|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Iran/K1r-117/2020|2020-05-00|EPI_ISL_596384|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/Netherlands/ZH-EMC-744/2020|2020-10-04|EPI_ISL_632585|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B1CF09/2020|2020-11-01|EPI_ISL_645800|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2DB89/2020|2020-11-03|EPI_ISL_647006|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204682089/2020|2020-11-12|EPI_ISL_693423|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A0693/2020|2020-12-09|EPI_ISL_743478|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9FB9C/2020|2020-06-05|EPI_ISL_472045|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR903/2020|2020-03-27|EPI_ISL_433359|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22504/2020|2020-12-14|EPI_ISL_757598|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-126259F/2020|2020-10-01|EPI_ISL_594862|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/CVR2322/2020|2020-04-13|EPI_ISL_477902|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00749/2020|2020-04-10|EPI_ISL_791745|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Australia/VIC2994/2020|2020-07-07|EPI_ISL_521824|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/mink/Netherlands/NB-EMC-1-5/2020|2020-04-28|EPI_ISL_523022|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-994202/2020|2020-08-25|EPI_ISL_551700|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0322/2020|2020-06-13|EPI_ISL_534289|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/SHEF-C045B/2020|2020-03-29|EPI_ISL_420203|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Spain/NC-IBV-001380/2020|2020-03-14|EPI_ISL_452521|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/GCVR-16FCDD/2020|2020-03-23|EPI_ISL_489682|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2565/2020|2020-04-05|EPI_ISL_678315|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Australia/VIC4403/2020|2020-07-14|EPI_ISL_519699|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-788519/2020|2020-07-15|EPI_ISL_533028|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17754/2020|2020-08-25|EPI_ISL_779426|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Beck|Australia

>Spike|hCoV-19/Germany/NW-HHU-366/2020|2020-11-26|EPI_ISL_718045|Orginal|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/NY-NYUMC799/2020|2020-03-27|EPI_ISL_456035|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM61564534/2020|2020-11-30|EPI_ISL_753472|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/OR-OHSU-2886/2020|2020-09-04|EPI_ISL_667387|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/PG-7662/2020|2020-08-00|EPI_ISL_686764|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KCDC2269/2020|2020-05-14|EPI_ISL_510607|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-14267/2020|2020-10-05|EPI_ISL_787552|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC15744/2020|2020-08-02|EPI_ISL_593437|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B1CC20/2020|2020-11-02|EPI_ISL_664137|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC4251/2020|2020-07-13|EPI_ISL_519579|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48D90C/2020|2020-11-12|EPI_ISL_680699|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3357/2020|2020-07-15|EPI_ISL_548291|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LIVE-DCC5B9/2020|2020-11-26|EPI_ISL_724518|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22421/2020|2020-11-14|EPI_ISL_708254|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Uruguay/UY-NYUMC867/2020|2020-03-28|EPI_ISL_457963|Original|hCoV-19^^Montevideo|Human|Laboratorio de Biolog\u00eda Molecular Asociaci\u00f3n Espa\u00f1ola Primera en Salud|Departments of Pathology and Medicine|Maurano|Uruguay

>Spike|hCoV-19/Australia/NSW155/2020|2020-03-06|EPI_ISL_427647|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12340/2020|2020-09-25|EPI_ISL_790307|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA45AB/2020|2020-10-21|EPI_ISL_624472|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1735/2020|2020-06-20|EPI_ISL_710387|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr100/2020|2020-04-19|EPI_ISL_603111|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian

University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania
>Spike|hCoV-19/France/OCC-50/2020|2020-06-30|EPI_ISL_593865|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France
>Spike|hCoV-19/Netherlands/LI-EMC-79/2020|2020-06-03|EPI_ISL_523284|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/CA-ALSR-4787/2020|2020-05-05|EPI_ISL_730140|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Brazil/RJ-1719/2020|2020-04-06|EPI_ISL_456088|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Laborat\u00f3rio Central de Sa\u00fade P\u00fablica Noel Nutels|Laboratory of Respiratory Viruses and Measles|Silva|Brazil
>Spike|hCoV-19/Australia/NSW1250/2020|2020-12-19|EPI_ISL_740881|Original|hCoV-19^^New South Wales|Human|Douglass Hanly Moir Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Netherlands/GE-EMC-182/2020|2020-05-25|EPI_ISL_523164|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/EXET-13E660/2020|2020-00-00|EPI_ISL_724340|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/England/QEUA-996367/2020|2020-08-28|EPI_ISL_549526|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/CAMC-B9AE24/2020|2020-11-12|EPI_ISL_673389|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/MB-NML-580/2020|2020-04-07|EPI_ISL_582271|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Spike|hCoV-19/Hungary/US-2587w/2020|2020-03-22|EPI_ISL_477618|Original|hCoV-19^^Csongr\u00e9d County|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary
>Spike|hCoV-19/Belgium/ULG-10173/2020|2020-05-08|EPI_ISL_455961|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/Northern Ireland/NIRE-10385F/2020|2020-04-15|EPI_ISL_489189|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/OXON-B2164/2020|2020-04-23|EPI_ISL_479122|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Scotland/GCVR-171F1B/2020|2020-03-31|EPI_ISL_469939|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-ACCBBA/2020|2020-10-21|EPI_ISL_634288|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/EXET-13937D/2020|2020-10-26|EPI_ISL_665065|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/England/GSTT-265DDC5/2020|2020-03-27|EPI_ISL_484106|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/CAMB-82F63/2020|2020-04-12|EPI_ISL_443367|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/20136097704/2020|2020-03-24|EPI_ISL_420655|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11789/2020|2020-10-26|EPI_ISL_670761|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7359/2020|2020-10-12|EPI_ISL_619320|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-13843F/2020|2020-09-12|EPI_ISL_611607|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FA69E/2020|2020-03-31|EPI_ISL_441733|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9BDBDB/2020|2020-09-09|EPI_ISL_567931|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10325/2020|2020-11-02|EPI_ISL_669901|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB3561/2020|2020-04-14|EPI_ISL_487901|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11467/2020|2020-11-02|EPI_ISL_670481|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4928E9/2020|2020-11-24|EPI_ISL_725717|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A9177E/2020|2020-10-19|EPI_ISL_705982|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3103/2020|2020-08-31|EPI_ISL_615919|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Gibraltar/203360729/2020|2020-07-21|EPI_ISL_547444|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/UT-UPHL-2008794/2020|2020-05-23|EPI_ISL_524821|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-BAB260/2020|2020-11-18|EPI_ISL_681496|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13571/2020|2020-08-21|EPI_ISL_788682|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/VC-IBV-98003069/2020|2020-03-13|EPI_ISL_538009|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/C200045650/2020|2020-11-09|EPI_ISL_664064|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006199/2020|2020-04-13|EPI_ISL_537345|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-10284/2020|2020-07-07|EPI_ISL_789411|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9E774D/2020|2020-09-24|EPI_ISL_638029|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-A46426/2020|2020-10-05|EPI_ISL_598639|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1942/2020|2020-04-00|EPI_ISL_685548|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-03883/2020|2020-04-13|EPI_ISL_577600|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NORW-E9DBB/2020|2020-05-02|EPI_ISL_448367|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B209D7/2020|2020-11-02|EPI_ISL_647784|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1608/2020|2020-04-29|EPI_ISL_530204|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-6632/2020|2020-09-00|EPI_ISL_687744|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC2525/2020|2020-06-30|EPI_ISL_522219|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/VC-FISABIO-198/2020|2020-03-24|EPI_ISL_436293|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Denmark/DCGC-1025/2020|2020-04-20|EPI_ISL_614485|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B78F56/2020|2020-11-12|EPI_ISL_667911|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBAD10/2020|2020-11-13|EPI_ISL_665117|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8009/2020|2020-07-01|EPI_ISL_545787|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-AD4BE/2020|2020-00-00|EPI_ISL_448582|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CT-UW-4237/2020|2020-03-30|EPI_ISL_437825|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-2277/2020|2020-08-10|EPI_ISL_617635|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20188018504/2020|2020-04-30|EPI_ISL_465497|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-294C1A/2020|2020-03-28|EPI_ISL_478609|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC460/2020|2020-04-20|EPI_ISL_435526|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/QEUEH-B2ECFE/2020|2020-11-03|EPI_ISL_646837|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4895A2/2020|2020-10-26|EPI_ISL_639590|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B0C0A/2020|2020-05-13|EPI_ISL_452952|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah159/2020|2020-04-06|EPI_ISL_437477|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-B8E00F/2020|2020-11-13|EPI_ISL_674602|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1960/2020|2020-06-03|EPI_ISL_497388|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-1AE892/2020|2020-05-01|EPI_ISL_459297|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3403/2020|2020-06-14|EPI_ISL_544163|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DB40E0/2020|2020-10-19|EPI_ISL_652080|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Portugal/PT0670/2020|2020-03-19|EPI_ISL_510929|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-1627E8/2020|2020-06-01|EPI_ISL_473123|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-C02F7/2020|2020-03-29|EPI_ISL_420222|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Canada/QC_AS8/2020|2020-04-04|EPI_ISL_463938|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/ALDP-C3A380/2020|2020-12-09|EPI_ISL_731160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD2638/2020|2020-10-25|EPI_ISL_629833|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0962/2020|2020-06-15|EPI_ISL_613996|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-2F135/2020|2020-04-06|EPI_ISL_446205|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB8326/2020|2020-09-30|EPI_ISL_612320|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-96FDB4/2020|2020-08-18|EPI_ISL_540292|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-239/2020|2020-00-00|EPI_ISL_523218|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-AA6CA/2020|2020-03-24|EPI_ISL_517487|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-171A47/2020|2020-03-27|EPI_ISL_489543|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-

University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC5809/2020|2020-07-20|EPI_ISL_518604|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUH-AF5505/2020|2020-10-30|EPI_ISL_663104|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-1716/2020|2020-03-23|EPI_ISL_615637|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Spain/PV-IBV-004210/2020|2020-04-03|EPI_ISL_510495|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Netherlands/UT-EMC-212/2020|2020-12-01|EPI_ISL_722372|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Gibraltar/205121193/2020|2020-00-00|EPI_ISL_766323|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19/USA/WA-UW365/2020|2020-03-16|EPI_ISL_418932|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/WI-UW-495/2020|2020-06-13|EPI_ISL_484870|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Netherlands/ZH-EMC-1004/2020|2020-11-19|EPI_ISL_722677|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Denmark/DCGC-16637/2020|2020-11-16|EPI_ISL_714104|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/VIC3104/2020|2020-07-04|EPI_ISL_520811|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-B48678/2020|2020-11-07|EPI_ISL_649455|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-A00B05/2020|2020-10-02|EPI_ISL_585549|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Denmark/ALAB-SSI-576/2020|2020-03-27|EPI_ISL_436977|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/India/OR-ILSCV29997/2020|2020-05-23|EPI_ISL_481137|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India
>Spike|hCoV-19/England/NORT-29B9B2/2020|2020-06-08|EPI_ISL_507120|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/LOND-124F370/2020|2020-04-25|EPI_ISL_664540|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19/Japan/PG-7166/2020|2020-07-00|EPI_ISL_688271|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/WA398/2020|2020-10-18|EPI_ISL_605874|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Belgium/regA-0331866/2020|2020-03-31|EPI_ISL_734526|Original|hCoV-19^^Gembloux|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-168B6E/2020|2020-04-19|EPI_ISL_494336|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20122119302/2020|2020-03-17|EPI_ISL_418680|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Russia/KDA-RII-MH4901S/2020|2020-10-14|EPI_ISL_733282|Original|hCoV-19^^Krasnodar|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Slovenia/5166/2020|2020-03-09|EPI_ISL_635215|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/Wales/PHWC-47E0DC/2020|2020-09-29|EPI_ISL_595405|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6656/2020|2020-10-12|EPI_ISL_619559|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Colombia/AMA-INS-103039-2/2020|2020-04-28|EPI_ISL_526951|Original|hCoV-19^^Amazonas|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Australia/VIC12917/2020|2020-07-30|EPI_ISL_640796|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Finland/1LS13D7/2020|2020-10-01|EPI_ISL_757349|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-AC81DA/2020|2020-10-20|EPI_ISL_629532|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0015/2020|2020-05-08|EPI_ISL_515260|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MI-UM-10036562497/2020|2020-10-21|EPI_ISL_640173|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/UT-UPHL-201010022/2020|2020-06-19|EPI_ISL_602935|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Portugal/PT0300/2020|2020-03-13|EPI_ISL_454016|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-B684D2/2020|2020-11-11|EPI_ISL_654979|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20126027106/2020|2020-03-18|EPI_ISL_423896|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-A8F03C/2020|2020-10-16|EPI_ISL_650587|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13031/2020|2020-11-30|EPI_ISL_712541|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A50FDD/2020|2020-10-07|EPI_ISL_597609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-893/2020|2020-10-29|EPI_ISL_632354|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-1995/2020|2020-04-00|EPI_ISL_685600|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20190/2020|2020-11-30|EPI_ISL_747646|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17204/2020|2020-12-14|EPI_ISL_750516|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ecuador/USFQ-203/2020|2020-08-20|EPI_ISL_527816|Original|hCoV-19^^Esmeraldas|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/England/ALDP-950BAD/2020|2020-06-14|EPI_ISL_554582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/DA-RII-MH2743S/2020|2020-09-25|EPI_ISL_602421|Original|hCoV-19^^Dagestan|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-5037/2020|2020-09-21|EPI_ISL_621804|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/IGC4489/2020|2020-06-08|EPI_ISL_491260|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/Chile/RM-CMM-05426/2020|2020-04-30|EPI_ISL_468750|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Facultad de Medicina UC|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/Australia/VIC2658/2020|2020-06-30|EPI_ISL_521504|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-3513/2020|2020-10-07|EPI_ISL_640088|Original|hCoV-19^^Western Cape|Human|False Bay Hospital w FBH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/CAMC-B215C3/2020|2020-11-03|EPI_ISL_647229|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A461E3/2020|2020-10-06|EPI_ISL_598691|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5465/2020|2020-06-26|EPI_ISL_544793|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-SC246/2020|2020-04-24|EPI_ISL_641531|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|CHU de Nice - H\u00f4pital Archet 13|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/UT-UPHL-2009349/2020|2020-06-22|EPI_ISL_524946|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Panama/329108/2020|2020-03-10|EPI_ISL_496624|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Malaysia/189332/2020|2020-03-20|EPI_ISL_417917|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/USA/WI-UW-847/2020|2020-07-08|EPI_ISL_509853|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/EXET-13A9C5/2020|2020-11-08|EPI_ISL_664406|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUA-9FB184/2020|2020-09-29|EPI_ISL_588265|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008680/2020|2020-10-05|EPI_ISL_654235|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-9AB50F/2020|2020-08-31|EPI_ISL_551097|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C9A50/2020|2020-03-22|EPI_ISL_432472|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15203/2020|2020-10-20|EPI_ISL_786687|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-BA3189/2020|2020-11-18|EPI_ISL_672858|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4183/2020|2020-09-14|EPI_ISL_622003|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2784/2020|2020-07-24|EPI_ISL_526718|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/MA-MASPHL-00797/2020|2020-10-04|EPI_ISL_692902|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/ID-UW-6446/2020|2020-04-02|EPI_ISL_437830|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-BDB65C/2020|2020-11-26|EPI_ISL_709764|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B1790/2020|2020-04-17|EPI_ISL_479045|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-BB39BB/2020|2020-11-19|EPI_ISL_702745|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B786BB/2020|2020-11-12|EPI_ISL_783499|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49991C/2020|2020-12-04|EPI_ISL_727377|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292258-01/2020|2020-12-01|EPI_ISL_767632|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-280072/2020|2020-09-07|EPI_ISL_560416|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/PORT-2E9083/2020|2020-00-00|EPI_ISL_763623|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CF18/2020|2020-11-01|EPI_ISL_645821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14582/2020|2020-10-09|EPI_ISL_787867|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/IL-NM-0533/2020|2020-04-28|EPI_ISL_626444|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Denmark/DCGC-20457/2020|2020-12-21|EPI_ISL_759163|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A85977/2020|2020-10-18|EPI_ISL_610337|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B55423/2020|2020-11-05|EPI_ISL_657733|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-30619/2020|2020-11-01|EPI_ISL_661040|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-17980/2020|2020-12-14|EPI_ISL_749677|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-15126/2020|2020-03-27|EPI_ISL_508901|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Canada/NS-NML-949/2020|2020-03-26|EPI_ISL_579579|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Israel/2113601/2020|2020-04-15|EPI_ISL_447342|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/BHRT-24B34F7/2020|2020-05-07|EPI_ISL_528794|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-13126/2020|2020-12-29|EPI_ISL_775572|Original|hCoV-19^^Ostergotland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/BRIS-126DEE/2020|2020-04-09|EPI_ISL_458967|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7319/2020|2020-10-12|EPI_ISL_619314|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Mexico/QUE-INDRE-04/2020|2020-03-10|EPI_ISL_424670|Original|hCoV-19^^Queretaro|Human|Laboratorio Estatal de Salud Publica del Estado de Queretaro|Instituto de Diagn\u00f3stico y Referencia Epidemiologicos|Mendieta|Mexico

>Spike|hCoV-19/USA/TX-HMH-MCoV-12722/2020|2020-08-29|EPI_ISL_790485|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gambia/GC19-2501/2020|2020-07-21|EPI_ISL_561112|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/QEUEH-9B46B5/2020|2020-09-04|EPI_ISL_590400|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001928/2020|2020-03-11|EPI_ISL_452446|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-14593/2020|2020-10-15|EPI_ISL_739004|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-9D0A02/2020|2020-09-16|EPI_ISL_589980|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020616323/2020|2020-12-12|EPI_ISL_751816|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Gibraltar/205000650/2020|2020-12-00|EPI_ISL_709985|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Canada/BC_27304064/2020|2020-03-00|EPI_ISL_463274|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Wales/PHWC-25F62/2020|2020-03-25|EPI_ISL_422168|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03938/2020|2020-04-03|EPI_ISL_560844|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/QEUEH-8ADF3D/2020|2020-07-23|EPI_ISL_532819|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96AC16/2020|2020-08-17|EPI_ISL_531343|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-7134/2020|2020-03-16|EPI_ISL_418628|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUEH-B40106/2020|2020-11-08|EPI_ISL_657154|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL75/2020|2020-03-23|EPI_ISL_454361|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/Australia/VIC6290/2020|2020-07-21|EPI_ISL_518278|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-6BAC0B/2020|2020-06-29|EPI_ISL_557951|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1682/2020|2020-11-09|EPI_ISL_732149|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/SHEF-10C9E42/2020|2020-12-23|EPI_ISL_764105|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Sweden/20-51773/2020|2020-05-27|EPI_ISL_510850|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-49A1F5/2020|2020-12-01|EPI_ISL_727510|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-975805/2020|2020-08-20|EPI_ISL_581397|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4901/2020|2020-09-21|EPI_ISL_621587|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/L920663561/2020|2020-04-14|EPI_ISL_520734|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Wales/MILK-9C3808/2020|2020-09-10|EPI_ISL_566689|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9D660/2020|2020-04-10|EPI_ISL_453220|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/France/IDF-2412/2020|2020-03-12|EPI_ISL_421502|Original|hCoV-19^^\u00cele-de-France|Human|Parc des Dames|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/New Zealand/20CV0155/2020|2020-08-25|EPI_ISL_548029|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/EXET-1366D1/2020|2020-05-09|EPI_ISL_457231|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5973/2020|2020-09-28|EPI_ISL_621082|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9983ED/2020|2020-08-24|EPI_ISL_539954|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489A3A/2020|2020-10-27|EPI_ISL_652441|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MD-HP00078/2020|2020-03-23|EPI_ISL_438235|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Mehoke|USA

>Spike|hCoV-19/England/EXET-13572A/2020|2020-04-07|EPI_ISL_478275|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM56652692/2020|2020-12-17|EPI_ISL_753677|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11759/2020|2020-09-14|EPI_ISL_790102|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-GBCL-26674723/2020|2020-04-04|EPI_ISL_485251|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Spain/MD-IBV-006368/2020|2020-06-01|EPI_ISL_510107|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-C4BE7C/2020|2020-12-14|EPI_ISL_736700|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG274788/2020|2020-04-08|EPI_ISL_694079|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-BC78C6/2020|2020-11-22|EPI_ISL_721450|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC479F/2020|2020-11-25|EPI_ISL_703426|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-23313/2020|2020-08-07|EPI_ISL_576425|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/SAP052/2020|2020-03-26|EPI_ISL_451091|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Romania/ROSV_13109/2020|2020-06-15|EPI_ISL_491051|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Scotland/CVR4126/2020|2020-09-08|EPI_ISL_573768|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14573/2020|2020-10-08|EPI_ISL_787858|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204500127/2020|2020-11-01|EPI_ISL_660775|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A81B48/2020|2020-10-13|EPI_ISL_610851|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E1C4/2020|2020-12-07|EPI_ISL_742966|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC10045/2020|2020-08-23|EPI_ISL_562776|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW1285/2020|2020-11-20|EPI_ISL_767851|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-11078/2020|2020-11-02|EPI_ISL_670381|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1460/2020|2020-04-00|EPI_ISL_685067|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG670108/2020|2020-05-02|EPI_ISL_696326|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/MILK-B8ED26/2020|2020-11-13|EPI_ISL_674575|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BDCC59/2020|2020-11-30|EPI_ISL_709854|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6601/2020|2020-07-18|EPI_ISL_521363|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-E1/2020|2020-04-11|EPI_ISL_593481|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CAMC-AEB04D/2020|2020-10-25|EPI_ISL_633291|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D2B7D/2020|2020-04-04|EPI_ISL_529341|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020134991/2020|2020-06-18|EPI_ISL_535283|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18406/2020|2020-11-17|EPI_ISL_784754|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-B37AD/2020|2020-04-10|EPI_ISL_534888|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/PORT-2D0FA0/2020|2020-04-23|EPI_ISL_475314|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC15933/2020|2020-08-02|EPI_ISL_640652|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-FAC32/2020|2020-04-15|EPI_ISL_470059|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5793/2020|2020-06-23|EPI_ISL_547019|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT0796/2020|2020-03-19|EPI_ISL_511055|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-8035/2020|2020-08-00|EPI_ISL_687136|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Bangladesh/CHRF-01/2020|2020-04-18|EPI_ISL_447899|Original|hCoV-19^^Bangladesh|Human|Microbiology|Microbiology|Submitter|Bangladesh

>Spike|hCoV-19/USA/WA-UW-47130/2020|2020-12-15|EPI_ISL_756231|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-16085/2020|2020-11-16|EPI_ISL_714578|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21293/2020|2020-12-21|EPI_ISL_759657|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-29DCE/2020|2020-04-04|EPI_ISL_432215|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/France/HDF-CERBA-0160-202011/2020|2020-06-03|EPI_ISL_780418|Original|hCoV-19^^Hauts-de-France|Human|CERBA LAB|CERBA LAB|Roquebert|France

>Spike|hCoV-19/Denmark/DCGC-5463/2020|2020-09-21|EPI_ISL_620788|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0181/2020|2020-09-16|EPI_ISL_755361|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/CA-UCLA-231/2020|2020-06-02|EPI_ISL_537537|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Portugal/PT0048/2020|2020-03-18|EPI_ISL_421451|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-C4860E/2020|2020-12-12|EPI_ISL_736715|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-410137/2020|2020-12-17|EPI_ISL_737449|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-49D6C6/2020|2020-12-12|EPI_ISL_742820|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9609/2020|2020-11-09|EPI_ISL_668611|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/VGG-RII-MH9375S/2020|2020-10-10|EPI_ISL_733458|Original|hCoV-19^^Volgograd Region|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Chile/MA-ISPCH-6/2020|2020-03-19|EPI_ISL_445284|Original|hCoV-19^^Magallanes|Human|HOSPITAL REG.LAUTARO NAVARRO AVARIA|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/QEUA-AE3027/2020|2020-10-27|EPI_ISL_633532|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S667/2020|2020-04-21|EPI_ISL_438220|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Spain/RI-IBV-98002300/2020|2020-03-07|EPI_ISL_537823|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-1D2BC9/2020|2020-03-29|EPI_ISL_612414|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A9386A/2020|2020-10-20|EPI_ISL_611041|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2071/2020|2020-05-04|EPI_ISL_486314|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/MILK-A46F70/2020|2020-10-06|EPI_ISL_598250|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16080/2020|2020-11-16|EPI_ISL_714266|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG668334/2020|2020-05-12|EPI_ISL_696260|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/VAN3626/2020|2020-04-20|EPI_ISL_677683|Original|hCoV-19^^New York|Human|Vanda Pharmaceuticals Clinical Site|Vanda Pharmaceuticals|Przychodzen|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1077/2020|2020-10-19|EPI_ISL_722515|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/PAC-IHU-0018/2020|2020-03-08|EPI_ISL_569247|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/MD-MDH-0154/2020|2020-07-09|EPI_ISL_524882|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Wales/PHWC-48DE85/2020|2020-11-06|EPI_ISL_680769|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100015131/2020|2020-11-20|EPI_ISL_771311|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/MILK-A69E2F/2020|2020-10-09|EPI_ISL_608776|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-288E40/2020|2020-03-23|EPI_ISL_458642|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D6E45/2020|2020-04-02|EPI_ISL_478438|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/VA_NIDDL_2702/2020|2020-03-25|EPI_ISL_491913|Original|hCoV-19^^Virginia|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/England/CAMB-76ACB/2020|2020-03-30|EPI_ISL_438478|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-5217/2020|2020-08-00|EPI_ISL_690320|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-1567/2020|2020-06-24|EPI_ISL_681867|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-410199/2020|2020-12-13|EPI_ISL_737714|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-WSLH-200386/2020|2020-04-22|EPI_ISL_578552|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease

Division|Wisconsin State Laboratory of Hygiene Communicable Disease
Division|Florek|USA
>Spike|hCoV-19/England/CAMB-792FD/2020|2020-04-03|EPI_ISL_441822|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Australia/NSW488/2020|2020-04-22|EPI_ISL_455028|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Japan/PG-4708/2020|2020-08-00|EPI_ISL_689845|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/ALDP-A85ADE/2020|2020-10-17|EPI_ISL_610545|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1B87C5/2020|2020-10-28|EPI_ISL_651659|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/ALDP-B749E3/2020|2020-11-12|EPI_ISL_662267|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-4190/2020|2020-07-00|EPI_ISL_692429|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUH-9DC6D5/2020|2020-09-21|EPI_ISL_580934|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-3077/2020|2020-08-31|EPI_ISL_616857|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/UT-01982/2020|2020-04-16|EPI_ISL_452169|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/MILK-A7C76A/2020|2020-10-16|EPI_ISL_607310|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-4F7EE0/2020|2020-06-24|EPI_ISL_559291|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-96EB15/2020|2020-08-19|EPI_ISL_534472|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-17969/2020|2020-12-14|EPI_ISL_749156|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Northern Ireland/NIRE-2343EA/2020|2020-10-15|EPI_ISL_680382|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/Italy/LAZ-INMI-88/2020|2020-10-17|EPI_ISL_609996|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy
>Spike|hCoV-19/Ireland/D-NVRL-20Z04316/2020|2020-04-15|EPI_ISL_671395|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spike|hCoV-19/England/QEUH-9CA652/2020|2020-09-10|EPI_ISL_567276|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/SP-639/2020|2020-03-19|EPI_ISL_515554|Original|hCoV-19^^S\u00e3o Paulo|Human|Pronto Socorro Municipal de Perus|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/MILK-B39364/2020|2020-11-01|EPI_ISL_658794|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20148046704/2020|2020-04-02|EPI_ISL_422011|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH25/2020|2020-03-11|EPI_ISL_429283|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/LIVE-9EB06/2020|2020-04-05|EPI_ISL_453366|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-BCC6E5/2020|2020-11-27|EPI_ISL_704199|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_595/2020|2020-04-15|EPI_ISL_460758|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Singapore/136nan/2020|2020-03-18|EPI_ISL_648080|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/QEUH-A0AC35/2020|2020-10-01|EPI_ISL_599302|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8999350/2020|2020-10-16|EPI_ISL_744833|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-49C1C6/2020|2020-12-07|EPI_ISL_742521|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC3637/2020|2020-07-07|EPI_ISL_520377|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Chile/MA-201640/2020|2020-10-08|EPI_ISL_746530|Original|hCoV-19^^Magallanes|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Australia/SAP480/2020|2020-08-03|EPI_ISL_510544|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Australia/VIC31/2020|2020-03-10|EPI_ISL_419750|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-B94EC0/2020|2020-11-13|EPI_ISL_676269|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4588/2020|2020-07-12|EPI_ISL_518989|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYUMC209/2020|2020-04-03|EPI_ISL_427504|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/WI-UW-2023/2020|2020-10-08|EPI_ISL_677430|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Spain/PV-IBV-000905/2020|2020-03-26|EPI_ISL_452662|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-C0B75F/2020|2020-12-05|EPI_ISL_760905|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DAE90C/2020|2020-10-20|EPI_ISL_637295|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-12571E/2020|2020-03-27|EPI_ISL_443820|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0155076/2020|2020-11-04|EPI_ISL_739725|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MA-MGH-01257/2020|2020-05-04|EPI_ISL_791912|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/NORT-1B6147C/2020|2020-10-25|EPI_ISL_637790|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NORT-1B71F96/2020|2020-11-23|EPI_ISL_706328|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/BRIS-1256C6/2020|2020-03-28|EPI_ISL_443877|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-59AB8D/2020|2020-06-15|EPI_ISL_558394|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46B03/2020|2020-10-06|EPI_ISL_598354|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0769/2020|2020-03-00|EPI_ISL_684379|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-22535/2020|2020-12-14|EPI_ISL_757497|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-BA3259/2020|2020-11-18|EPI_ISL_720912|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-0277/2020|2020-04-22|EPI_ISL_470643|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/MILK-AC7A85/2020|2020-10-20|EPI_ISL_644059|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8396/2020|2020-10-26|EPI_ISL_617358|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4022/2020|2020-08-29|EPI_ISL_535121|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-ACD3C0/2020|2020-10-19|EPI_ISL_634392|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FAA65/2020|2020-04-04|EPI_ISL_441694|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/PORT-2D1B05/2020|2020-04-02|EPI_ISL_493649|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/NORW-21F831/2020|2020-12-11|EPI_ISL_725055|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-A98522/2020|2020-12-23|EPI_ISL_764349|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NOTT-11F2AD/2020|2020-11-24|EPI_ISL_679957|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1102/2020|2020-06-21|EPI_ISL_529909|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_8/2020|2020-03-06|EPI_ISL_414468|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-779/2020|2020-04-13|EPI_ISL_614450|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-DOH-2020314850/2020|2020-08-25|EPI_ISL_574280|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/WI-UW-172/2020|2020-03-19|EPI_ISL_428268|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00228787/2020|2020-03-20|EPI_ISL_535876|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/NY-NYCPHL-000074/2020|2020-03-10|EPI_ISL_631567|Original|hCoV-19^^New York|Human|New York Presbyterian-Brooklyn Methodist Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Thailand/Bangkok-CONI-0301/2020|2020-03-16|EPI_ISL_693374|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/NORT-29EE1A/2020|2020-05-11|EPI_ISL_488092|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-642CCC/2020|2020-07-04|EPI_ISL_556116|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1308/2020|2020-06-23|EPI_ISL_541246|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC2013/2020|2020-06-01|EPI_ISL_480655|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9ED167/2020|2020-05-05|EPI_ISL_589441|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-49D24A/2020|2020-06-08|EPI_ISL_559570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15163/2020|2020-10-19|EPI_ISL_786647|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49CE47/2020|2020-12-09|EPI_ISL_742696|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00208/2020|2020-04-16|EPI_ISL_681963|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/ALDP-A68206/2020|2020-10-12|EPI_ISL_608377|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9A94AA/2020|2020-09-01|EPI_ISL_551057|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2E933/2020|2020-11-03|EPI_ISL_659870|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0457/2020|2020-10-19|EPI_ISL_622775|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-B22744/2020|2020-11-02|EPI_ISL_647307|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5B674B/2020|2020-06-19|EPI_ISL_558870|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6702A/2020|2020-11-11|EPI_ISL_661585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2400/2020|2020-06-01|EPI_ISL_514803|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Sweden/20-08905/2020|2020-05-24|EPI_ISL_510812|Original|hCoV-19^^Stockholm|Human|NA|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-11845/2020|2020-10-26|EPI_ISL_671171|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10949/2020|2020-09-05|EPI_ISL_707728|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-14726/2020|2020-10-12|EPI_ISL_786211|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC4780/2020|2020-07-18|EPI_ISL_519166|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A22B85/2020|2020-10-03|EPI_ISL_611941|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-CB74C4/2020|2020-12-19|EPI_ISL_778085|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12012/2020|2020-07-24|EPI_ISL_640743|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-4524/2020|2020-09-21|EPI_ISL_621320|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C33017/2020|2020-12-11|EPI_ISL_782705|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149009204/2020|2020-03-30|EPI_ISL_466144|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/France/HDF-2797/2020|2020-03-18|EPI_ISL_420044|Original|hCoV-19^^Hauts-de-France|Human|CH Jean de Navarre Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/OR-OHSU-2473/2020|2020-08-05|EPI_ISL_667220|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/CAMC-B09AB3/2020|2020-10-31|EPI_ISL_672976|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16378/2020|2020-11-16|EPI_ISL_714734|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8336/2020|2020-07-07|EPI_ISL_784340|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1446/2020|2020-04-27|EPI_ISL_622428|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AR-IBV-005092/2020|2020-04-23|EPI_ISL_500354|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/SHEF-CB177/2020|2020-05-29|EPI_ISL_535072|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Austria/CeMM0929/2020|2020-03-19|EPI_ISL_583781|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUH-B9F4A5/2020|2020-11-18|EPI_ISL_721117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A4F9E2/2020|2020-10-07|EPI_ISL_597661|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-492193/2020|2020-11-17|EPI_ISL_706826|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S961/2020|2020-05-01|EPI_ISL_463451|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMC-B33E4B/2020|2020-11-05|EPI_ISL_659394|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-425/2020|2020-12-01|EPI_ISL_722759|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Korea/KCDC2542/2020|2020-06-21|EPI_ISL_514945|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-6D1406/2020|2020-07-02|EPI_ISL_556103|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0615694/2020|2020-06-15|EPI_ISL_734755|Original|hCoV-19^^Holsbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/GSTT-5288/2020|2020-03-19|EPI_ISL_560670|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-2560/2020|2020-07-06|EPI_ISL_635563|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u221a\u2265tico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/NY-NYUMC832/2020|2020-03-20|EPI_ISL_456069|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/MI-CDC-2-3713993/2020|2020-10-20|EPI_ISL_751622|Original|hCoV-19^^Michigan|Human|MI - Michigan Department of Health and Human Services - Bureau of Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Jordan/AM-ALSR-4968/2020|2020-10-08|EPI_ISL_730241|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/UT-UPHL-2009070/2020|2020-05-11|EPI_ISL_525078|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-SR0421/2020|2020-03-10|EPI_ISL_467954|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-ABBF1C/2020|2020-10-22|EPI_ISL_631077|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F72A3/2020|2020-09-27|EPI_ISL_595676|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7FE61/2020|2020-11-14|EPI_ISL_661723|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EF4E/2020|2020-10-01|EPI_ISL_585888|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-283F7F/2020|2020-04-05|EPI_ISL_478529|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-944A09/2020|2020-06-07|EPI_ISL_555556|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5401/2020|2020-06-26|EPI_ISL_544746|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-29C1AA/2020|2020-06-22|EPI_ISL_499472|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NORW-E753D/2020|2020-05-04|EPI_ISL_449046|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA78D/2020|2020-11-20|EPI_ISL_701821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5888/2020|2020-08-00|EPI_ISL_689003|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-974A2E/2020|2020-08-21|EPI_ISL_575791|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000446/2020|2020-04-01|EPI_ISL_631920|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMB-73651/2020|2020-03-21|EPI_ISL_439987|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-5D5157/2020|2020-06-19|EPI_ISL_558564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1122/2020|2020-09-13|EPI_ISL_593736|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology

- Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/WI-UW-1783/2020|2020-09-16|EPI_ISL_605655|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMB-835F7/2020|2020-04-14|EPI_ISL_470353|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-326E5/2020|2020-04-15|EPI_ISL_474342|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUA-A00570/2020|2020-10-02|EPI_ISL_600518|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-B7DD0C/2020|2020-11-14|EPI_ISL_727846|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Ireland/MN-NVRL-20IRL51554/2020|2020-09-30|EPI_ISL_639902|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/England/CAMC-B98F41/2020|2020-11-15|EPI_ISL_673463|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9A563F/2020|2020-09-03|EPI_ISL_550043|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/891/2020|2020-09-06|EPI_ISL_536432|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/India/GJ-GBRC280/2020|2020-06-18|EPI_ISL_495017|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/USA/UT-UPHL-2012538290/2020|2020-08-13|EPI_ISL_745923|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/CO-CDPHE-2009164005/2020|2020-09-16|EPI_ISL_710235|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
>Spike|hCoV-19/Belgium/ULG-10900/2020|2020-11-14|EPI_ISL_678442|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/Denmark/DCGC-14827/2020|2020-11-23|EPI_ISL_711169|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-B54F41/2020|2020-11-06|EPI_ISL_657854|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9C27DF/2020|2020-09-06|EPI_ISL_566583|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Norway/5861/2020|2020-11-09|EPI_ISL_775342|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway
>Spike|hCoV-19/USA/MD-MDH-0400/2020|2020-11-01|EPI_ISL_660094|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA
>Spike|hCoV-19/Japan/PG-3476/2020|2020-07-00|EPI_ISL_691586|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-4245/2020|2020-09-14|EPI_ISL_622138|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-01781/2020|2020-07-00|EPI_ISL_636932|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Australia/VIC15562/2020|2020-07-31|EPI_ISL_593360|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0033/2020|2020-03-16|EPI_ISL_418018|Original|hCoV-19^^Portugal|Human|H Garcia de Orta|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9FD1BF/2020|2020-10-02|EPI_ISL_588003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/18MR8cE9/2020|2020-11-18|EPI_ISL_757334|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/MN-MDH-2165/2020|2020-12-02|EPI_ISL_708503|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/ALDP-B62098/2020|2020-11-08|EPI_ISL_656407|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42185829/2020|2020-03-11|EPI_ISL_527990|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-B1c385/2020|2020-11-01|EPI_ISL_645746|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B099E3/2020|2020-10-30|EPI_ISL_673035|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29A8E3/2020|2020-05-19|EPI_ISL_492453|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-QDX-178/2020|2020-04-28|EPI_ISL_494513|Original|hCoV-19^^Illinois|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-B097E9/2020|2020-10-30|EPI_ISL_673088|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7747/2020|2020-06-26|EPI_ISL_545614|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA2367/2020|2020-10-22|EPI_ISL_624398|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2692/2020|2020-03-26|EPI_ISL_487652|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABC3C4/2020|2020-10-21|EPI_ISL_631124|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4918/2020|2020-07-13|EPI_ISL_519293|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-08715/2020|2020-05-18|EPI_ISL_524772|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-54D4BB/2020|2020-05-12|EPI_ISL_533422|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/610/2020|2020-02-20|EPI_ISL_490007|Original|hCoV-19^^Saudi Arabia|Human|King Fahad Medical City|King Fahad Medical City|Naeem|Saudi Arabia

>Spike|hCoV-19/England/QEUA-B6797A/2020|2020-11-11|EPI_ISL_661590|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9EF068/2020|2020-09-24|EPI_ISL_594896|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20104004902/2020|2020-03-02|EPI_ISL_417226|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20343/2020|2020-03-28|EPI_ISL_450622|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NORW-F5851/2020|2020-11-06|EPI_ISL_665364|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC5435/2020|2020-07-15|EPI_ISL_520186|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-HLP-80/2020|2020-05-13|EPI_ISL_530077|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/204881285/2020|2020-11-00|EPI_ISL_678810|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2251/2020|2020-12-14|EPI_ISL_743863|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-6B8C3A/2020|2020-07-10|EPI_ISL_557906|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9BF67/2020|2020-03-24|EPI_ISL_449492|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A45919/2020|2020-10-06|EPI_ISL_598795|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/KGHT-268426C/2020|2020-06-17|EPI_ISL_513587|Original|hCoV-19^^England|Human|Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LOM-INMI-12578/2020|2020-02-29|EPI_ISL_460093|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/Belgium/reg-0405288/2020|2020-04-07|EPI_ISL_464082|Original|hCoV-19^^Monceau-sur-sambre|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-C3B7CF/2020|2020-12-11|EPI_ISL_730927|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-487/2020|2020-04-05|EPI_ISL_544392|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-65E2D/2020|2020-10-08|EPI_ISL_612231|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-AE2082/2020|2020-10-26|EPI_ISL_633612|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6305/2020|2020-04-04|EPI_ISL_487962|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A05450/2020|2020-09-30|EPI_ISL_599826|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20501/2020|2020-12-21|EPI_ISL_759189|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/OR-ILSCV32896/2020|2020-06-05|EPI_ISL_481175|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/CAMC-9BFE85/2020|2020-09-09|EPI_ISL_573158|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-UW-215/2020|2020-03-25|EPI_ISL_428311|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18184/2020|2020-11-12|EPI_ISL_784532|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12851/2020|2020-08-19|EPI_ISL_788004|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-AB8216/2020|2020-10-21|EPI_ISL_623403|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A0C1AD/2020|2020-10-03|EPI_ISL_584958|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3070/2020|2020-03-27|EPI_ISL_486089|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-UW-22286/2020|2020-08-06|EPI_ISL_570650|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-1B71EE4/2020|2020-11-22|EPI_ISL_705356|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-9CA063/2020|2020-09-10|EPI_ISL_567500|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB938B/2020|2020-10-22|EPI_ISL_623851|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-78IRL71541/2020|2020-11-22|EPI_ISL_752543|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Austria/CeMM0534/2020|2020-04-06|EPI_ISL_475898|Original|hCoV-19^^Austria|Human|Zentralinstitut f\u00fcr medizinische und chemische Labordiagnostik|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-B5C037/2020|2020-11-09|EPI_ISL_655688|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94B98D/2020|2020-06-11|EPI_ISL_555767|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009569/2020|2020-07-29|EPI_ISL_683644|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/QEUA-9B860C/2020|2020-09-10|EPI_ISL_568286|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B46504/2020|2020-11-07|EPI_ISL_655987|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CDE9F5/2020|2020-12-26|EPI_ISL_782297|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99009659/2020|2020-10-23|EPI_ISL_654331|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC5341/2020|2020-07-18|EPI_ISL_520104|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Poland/77235/2020|2020-11-00|EPI_ISL_732876|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/Australia/WA17/2020|2020-04-08|EPI_ISL_470835|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/England/LIVE-9EF19/2020|2020-04-09|EPI_ISL_453410|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-A83092/2020|2020-10-14|EPI_ISL_610665|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DFE8/2020|2020-10-05|EPI_ISL_586706|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH2925S/2020|2020-09-23|EPI_ISL_733073|Original|hCoV-19^^Moscow|Human|HELIIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/ID-QDX-1756/2020|2020-03-18|EPI_ISL_604033|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC1186/2020|2020-04-11|EPI_ISL_430629|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-2170/2020|2020-08-14|EPI_ISL_653323|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-NYUMC170/2020|2020-04-01|EPI_ISL_426625|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Australia/VIC11639/2020|2020-07-25|EPI_ISL_563442|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/New Zealand/20VR2559/2020|2020-00-00|EPI_ISL_579298|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUEH-A1DFAF/2020|2020-10-01|EPI_ISL_587509|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15776/2020|2020-07-09|EPI_ISL_785460|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B0B389/2020|2020-10-30|EPI_ISL_643437|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15972/2020|2020-07-31|EPI_ISL_640382|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1378/2020|2020-07-10|EPI_ISL_507966|Original|hCoV-19^^Minnesota|Human|Avera McKennan Laboratory|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-7257/2020|2020-08-00|EPI_ISL_688360|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ghana/35019_S18/2020|2020-05-23|EPI_ISL_515091|Original|hCoV-19^^Ghana|Human|Department of Biochemistry|WACCBIP|Amuzu|Ghana

>Spike|hCoV-19/England/MILK-99CEE8/2020|2020-08-30|EPI_ISL_549844|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-QDX-1458/2020|2020-03-12|EPI_ISL_603825|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Sweden/20-51349/2020|2020-05-11|EPI_ISL_455106|Original|hCoV-19^^Stockholm|Human|Surbrunns VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUA-CDE360/2020|2020-12-26|EPI_ISL_782379|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8443/2020|2020-10-16|EPI_ISL_612362|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00159/2020|2020-04-13|EPI_ISL_681949|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00216909/2020|2020-03-13|EPI_ISL_535753|Original|hCoV-19^^Quebec|Human|CHUM - Microbiologie - H\u00f4pital Saint-Luc|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/AK-PHL529/2020|2020-06-17|EPI_ISL_522403|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/Hong Kong/HKU-200823-002/2020|2020-08-17|EPI_ISL_516799|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Germany/BE-ChVir-D697-8137/2020|2020-03-05|EPI_ISL_754055|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUA-A1F471/2020|2020-10-01|EPI_ISL_587351|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B121A3/2020|2020-11-02|EPI_ISL_642436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF4120/2020|2020-10-30|EPI_ISL_663015|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Tunisia/55304/2020|2020-11-02|EPI_ISL_635059|Original|hCoV-19^^Tunis|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/Switzerland/BL-UHB-42202242/2020|2020-03-22|EPI_ISL_528328|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-11030/2020|2020-11-02|EPI_ISL_670354|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-77DC1/2020|2020-04-01|EPI_ISL_438248|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1398/2020|2020-05-05|EPI_ISL_494584|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B78ADD/2020|2020-11-12|EPI_ISL_667815|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31D3C/2020|2020-04-12|EPI_ISL_446559|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20190142001/2020|2020-05-04|EPI_ISL_465593|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S2812/2020|2020-09-02|EPI_ISL_574654|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-66EDE5/2020|2020-07-03|EPI_ISL_558118|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1827/2020|2020-09-18|EPI_ISL_602962|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/NJ-NYUMC638/2020|2020-04-02|EPI_ISL_444755|Original|hCoV-19^^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/NY-CDC-6683/2020|2020-04-06|EPI_ISL_480784|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/DE-DHSS-F918049/2020|2020-03-26|EPI_ISL_593940|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/204381146/2020|2020-10-21|EPI_ISL_649850|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC12624/2020|2020-08-01|EPI_ISL_641198|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-14545/2020|2020-11-30|EPI_ISL_711143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG446582/2020|2020-06-27|EPI_ISL_695005|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/France/ARA-SC164/2020|2020-04-10|EPI_ISL_700353|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-14613/2020|2020-10-10|EPI_ISL_787898|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-BCB5BC/2020|2020-11-27|EPI_ISL_704342|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12187/2020|2020-07-27|EPI_ISL_641125|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CO-CDPHE-2009170169/2020|2020-09-16|EPI_ISL_677656|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/United Arab Emirates/0898/2020|2020-06-25|EPI_ISL_699036|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-21010/2020|2020-12-21|EPI_ISL_759499|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1284/2020|2020-12-10|EPI_ISL_778950|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMB-1AB18B/2020|2020-04-19|EPI_ISL_470177|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA32F0/2020|2020-10-22|EPI_ISL_624052|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14192/2020|2020-10-02|EPI_ISL_787477|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20VR2942/2020|2020-00-00|EPI_ISL_579363|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/MI-MDHHS-SC20329/2020|2020-03-18|EPI_ISL_450608|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/CVR1379/2020|2020-04-01|EPI_ISL_433562|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-BC8625/2020|2020-11-23|EPI_ISL_721490|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4887BC/2020|2020-10-20|EPI_ISL_639429|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12E162/2020|2020-04-20|EPI_ISL_482030|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1831/2020|2020-05-12|EPI_ISL_542870|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4475/2020|2020-09-14|EPI_ISL_615660|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC1373/2020|2020-04-14|EPI_ISL_456415|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-9D4804/2020|2020-09-18|EPI_ISL_601780|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16210/2020|2020-11-16|EPI_ISL_714456|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-EE2E4/2020|2020-04-24|EPI_ISL_490528|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B34615/2020|2020-11-05|EPI_ISL_659613|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3233/2020|2020-07-05|EPI_ISL_520915|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9883A4/2020|2020-08-03|EPI_ISL_529381|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1441/2020|2020-03-25|EPI_ISL_514660|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Norway/2857/2020|2020-07-02|EPI_ISL_500780|Original|hCoV-19^^Norway|Human|Akershus University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/CAMC-B77CD8/2020|2020-11-12|EPI_ISL_783535|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5CFC04/2020|2020-06-20|EPI_ISL_558613|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0384/2020|2020-12-00|EPI_ISL_721623|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-13360/2020|2020-05-21|EPI_ISL_672448|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-2F44B/2020|2020-04-08|EPI_ISL_446252|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-286D45/2020|2020-10-25|EPI_ISL_652337|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-970BB6/2020|2020-08-18|EPI_ISL_553184|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0645/2020|2020-06-19|EPI_ISL_538429|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/Kenya/C656/2020|2020-04-13|EPI_ISL_457915|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Spain/AN-IBV-001216/2020|2020-03-24|EPI_ISL_452557|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-16773/2020|2020-12-14|EPI_ISL_750554|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8438/2020|2020-07-27|EPI_ISL_565012|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NE-CDC-2-3714268/2020|2020-10-29|EPI_ISL_751608|Original|hCoV-19^^Nebraska|Human|NE Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/United Arab Emirates/1092/2020|2020-05-15|EPI_ISL_708828|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/ALAB-HH-189/2020|2020-04-14|EPI_ISL_452052|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/CAMB-1B43E3/2020|2020-06-02|EPI_ISL_473471|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1243/2020|2020-08-19|EPI_ISL_536616|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Spain/VC-FISABIO-61/2020|2020-03-10|EPI_ISL_425185|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/WA-S568/2020|2020-03-31|EPI_ISL_434328|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUH-AADBFB/2020|2020-10-22|EPI_ISL_623917|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_17/2020|2020-03-06|EPI_ISL_414457|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-14691/2020|2020-10-01|EPI_ISL_787976|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-2508/2020|2020-05-19|EPI_ISL_513893|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/BIRM-5E7EO/2020|2020-03-24|EPI_ISL_444303|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-953278/2020|2020-06-11|EPI_ISL_554398|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00593/2020|2020-05-08|EPI_ISL_693016|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Scotland/QEUH-A1FBE5/2020|2020-10-01|EPI_ISL_599037|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB06D/2020|2020-11-11|EPI_ISL_664816|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2400/2020|2020-08-10|EPI_ISL_617582|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19955/2020|2020-12-07|EPI_ISL_747559|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB4642/2020|2020-05-08|EPI_ISL_478174|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0046/2020|2020-04-20|EPI_ISL_468085|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20629/2020|2020-12-16|EPI_ISL_790706|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Japan/PG-8769/2020|2020-09-00|EPI_ISL_686365|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUH-C5412C/2020|2020-12-12|EPI_ISL_757062|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1937/2020|2020-03-16|EPI_ISL_604209|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-7B7FC/2020|2020-04-03|EPI_ISL_442331|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-AC77BB/2020|2020-10-21|EPI_ISL_630273|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1413/2020|2020-04-16|EPI_ISL_456434|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Saudi Arabia/KAUST-RIYADH1222/2020|2020-07-29|EPI_ISL_678211|Original|hCoV-19^^Riyadh|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/VIC3470/2020|2020-07-06|EPI_ISL_521131|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Suriname/SR-31/2020|2020-06-25|EPI_ISL_517642|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f4cnger|Suriname

>Spike|hCoV-19/Netherlands/Friesland_20/2020|2020-04-07|EPI_ISL_460642|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CZB-7158/2020|2020-08-15|EPI_ISL_583227|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/PORT-2F5118/2020|2020-00-00|EPI_ISL_706885|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-2615/2020|2020-04-18|EPI_ISL_718141|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/England/MILK-A6B5BF/2020|2020-10-09|EPI_ISL_608830|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12DE02/2020|2020-05-31|EPI_ISL_482011|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B5E1E/2020|2020-09-08|EPI_ISL_549394|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18087/2020|2020-12-14|EPI_ISL_749311|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-QDX-1836/2020|2020-03-14|EPI_ISL_604154|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC16654/2020|2020-08-08|EPI_ISL_640400|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-F007C/2020|2020-10-09|EPI_ISL_595176|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Norway/3015/2020|2020-08-04|EPI_ISL_549074|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/NY-Wadsworth-143769-01/2020|2020-06-17|EPI_ISL_676979|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-1139/2020|2020-03-16|EPI_ISL_614640|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR3173/2020|2020-04-26|EPI_ISL_456769|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000683/2020|2020-03-08|EPI_ISL_452778|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Nigeria/AK-CV321/2020|2020-07-17|EPI_ISL_729992|Original|hCoV-19^^Akwa-Ibom State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/ALDP-C8B450/2020|2020-12-16|EPI_ISL_756435|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21903/2020|2020-04-14|EPI_ISL_565964|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-BBB41C/2020|2020-11-21|EPI_ISL_702595|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC729/2020|2020-11-16|EPI_ISL_779823|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-24033/2020|2020-03-15|EPI_ISL_418140|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DAB3A7/2020|2020-10-16|EPI_ISL_626694|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC3986/2020|2020-07-15|EPI_ISL_519376|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-2978AA/2020|2020-04-22|EPI_ISL_488031|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-88420-01/2020|2020-05-09|EPI_ISL_676725|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/BRIS-12283C/2020|2020-04-04|EPI_ISL_440636|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14044/2020|2020-11-30|EPI_ISL_711534|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4265/2020|2020-07-15|EPI_ISL_519593|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48D76C/2020|2020-11-05|EPI_ISL_680673|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-C1046/2020|2020-05-29|EPI_ISL_528544|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Kuwait/KU-01/2020|2020-05-23|EPI_ISL_745191|Original|hCoV-19^^Kuwait|Human|Mubarak Al-Kabeer Hospital|Virology Unit|Madi|Kuwait

>Spike|hCoV-19/Denmark/DCGC-11814/2020|2020-10-26|EPI_ISL_670538|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000133/2020|2020-04-02|EPI_ISL_631624|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/204221504/2020|2020-00-00|EPI_ISL_593832|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/204742217/2020|2020-00-00|EPI_ISL_649922|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B6572/2020|2020-09-30|EPI_ISL_584288|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B1A8D3/2020|2020-11-01|EPI_ISL_711031|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-999F42/2020|2020-08-29|EPI_ISL_550315|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13441/2020|2020-09-06|EPI_ISL_592239|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-A202CE/2020|2020-10-01|EPI_ISL_587580|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5890/2020|2020-07-21|EPI_ISL_518672|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1BB05E/2020|2020-11-11|EPI_ISL_664160|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49CDB3/2020|2020-12-09|EPI_ISL_742688|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0756/2020|2020-03-15|EPI_ISL_568956|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/WI-UW-2313/2020|2020-11-06|EPI_ISL_728079|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-2566/2020|2020-07-07|EPI_ISL_635568|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u221a\u2265tico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/NY-Wadsworth-37117-01/2020|2020-04-03|EPI_ISL_676798|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/AZ-TG640847/2020|2020-04-27|EPI_ISL_695792|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-3527/2020|2020-06-00|EPI_ISL_691783|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-490B2E/2020|2020-11-15|EPI_ISL_706539|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-258EF/2020|2020-03-24|EPI_ISL_422243|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0633/2020|2020-06-26|EPI_ISL_576289|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/QEUH-9606E5/2020|2020-08-05|EPI_ISL_531982|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483845/2020|2020-10-20|EPI_ISL_627861|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL231/2020|2020-08-22|EPI_ISL_574365|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-173/2020|2020-06-18|EPI_ISL_480450|Original|hCoV-19^^Rajshahi|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/QEUH-AD0D9F/2020|2020-10-26|EPI_ISL_633981|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99010804/2020|2020-09-30|EPI_ISL_691678|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-B2487C/2020|2020-11-04|EPI_ISL_646907|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/SRC-00620/2020|2020-03-27|EPI_ISL_435416|Original|hCoV-19^^Baranya|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/England/ALDP-91FF62/2020|2020-06-23|EPI_ISL_552908|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP383/2020|2020-03-22|EPI_ISL_492148|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/CA-IGI-0334/2020|2020-07-21|EPI_ISL_754870|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/France/ARA-41147/2020|2020-05-26|EPI_ISL_683360|Original|hCoV-19^^Auvergne-Rh\u00eane-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-982C45/2020|2020-08-09|EPI_ISL_552607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001324/2020|2020-07-18|EPI_ISL_515809|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS) |KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUIH-BC4BA2/2020|2020-11-25|EPI_ISL_703880|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F918497/2020|2020-04-01|EPI_ISL_593974|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/CAMB-7C421/2020|2020-04-06|EPI_ISL_442324|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1264/2020|2020-04-07|EPI_ISL_579652|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/USA/FL-BPHL-1592/2020|2020-05-21|EPI_ISL_594282|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-14530/2020|2020-11-30|EPI_ISL_711820|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1298/2020|2020-12-11|EPI_ISL_778964|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUIH-AAAF10/2020|2020-10-21|EPI_ISL_652755|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-BC79E1/2020|2020-11-23|EPI_ISL_721241|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C25CBA/2020|2020-12-06|EPI_ISL_782801|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4102728/2020|2020-12-02|EPI_ISL_771010|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-B34211/2020|2020-11-05|EPI_ISL_659627|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19757/2020|2020-12-07|EPI_ISL_747763|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Peru/AMZ-UPCH-0255/2020|2020-09-21|EPI_ISL_729869|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Spain/PV-IBV-98008355/2020|2020-10-27|EPI_ISL_654548|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/OR-OHSU-2303/2020|2020-08-10|EPI_ISL_667176|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-47F211/2020|2020-10-05|EPI_ISL_612646|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB8112/2020|2020-10-05|EPI_ISL_585479|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/CAMC-AEA785/2020|2020-10-26|EPI_ISL_633265|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-0500/2020|2020-03-31|EPI_ISL_430050|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-CB402D/2020|2020-12-19|EPI_ISL_761352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F3EEF/2020|2020-09-24|EPI_ISL_588716|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2416/2020|2020-06-28|EPI_ISL_522127|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/NS-NML-1321/2020|2020-04-10|EPI_ISL_579701|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/CA-SR0365/2020|2020-05-17|EPI_ISL_458248|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/GCVR-173D79/2020|2020-04-07|EPI_ISL_459114|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10834/2020|2020-07-19|EPI_ISL_583081|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Luxembourg/LNS1180930/2020|2020-12-28|EPI_ISL_771143|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-UW-29772/2020|2020-09-28|EPI_ISL_717781|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-1951/2020|2020-05-17|EPI_ISL_542917|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-2693/2020|2020-03-00|EPI_ISL_690825|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-9AB51E/2020|2020-08-31|EPI_ISL_602152|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3759/2020|2020-06-28|EPI_ISL_548133|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-B535B9/2020|2020-11-08|EPI_ISL_656918|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FCD79/2020|2020-04-27|EPI_ISL_489378|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F642F/2020|2020-11-24|EPI_ISL_704892|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/United Arab Emirates/1076/2020|2020-06-12|EPI_ISL_698150|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/NY-PV09464/2020|2020-03-19|EPI_ISL_450137|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Australia/VIC13063/2020|2020-08-07|EPI_ISL_592171|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B82E4D/2020|2020-11-14|EPI_ISL_675580|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B7E58B/2020|2020-11-14|EPI_ISL_667972|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/ANT-GUV-92155/2020|2020-03-31|EPI_ISL_447762|Original|hCoV-19^^Antioquia|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9dez|Colombia

>Spike|hCoV-19/England/MILK-B55AC7/2020|2020-11-05|EPI_ISL_657616|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-A9814C/2020|2020-12-14|EPI_ISL_764342|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6710/2020|2020-04-20|EPI_ISL_622395|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AR-CDC-2-3693771/2020|2020-10-29|EPI_ISL_747068|Original|hCoV-19^^Arkansas|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/QEUH-9D19B9/2020|2020-09-16|EPI_ISL_573672|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1358/2020|2020-04-22|EPI_ISL_507947|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10376/2020|2020-07-08|EPI_ISL_789177|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-1691/2020|2020-09-08|EPI_ISL_609977|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC5204/2020|2020-07-18|EPI_ISL_519969|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-50209/2020|2020-03-06|EPI_ISL_455870|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/SHEF-CA503/2020|2020-08-31|EPI_ISL_540749|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5414/2020|2020-06-25|EPI_ISL_544758|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49161D/2020|2020-10-28|EPI_ISL_706671|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1052B9/2020|2020-04-01|EPI_ISL_472141|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B7C74/2020|2020-09-04|EPI_ISL_590678|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D319/2020|2020-10-06|EPI_ISL_586674|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20131104204/2020|2020-03-21|EPI_ISL_423696|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-BB56D0/2020|2020-11-20|EPI_ISL_703006|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6706/2020|2020-07-00|EPI_ISL_687817|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9E56BB/2020|2020-09-22|EPI_ISL_579783|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51744/2020|2020-05-22|EPI_ISL_548251|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi NAL Trollhattan|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-DSHS-0982/2020|2020-06-16|EPI_ISL_613977|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/NORW-F1530/2020|2020-10-17|EPI_ISL_627602|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH662/2020|2020-04-01|EPI_ISL_678035|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/CAMC-9D1E23/2020|2020-09-19|EPI_ISL_601585|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B8129/2020|2020-09-04|EPI_ISL_590647|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21343/2020|2020-04-01|EPI_ISL_507597|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-944623/2020|2020-06-07|EPI_ISL_554696|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9B2365/2020|2020-09-04|EPI_ISL_549408|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-S1046/2020|2020-05-03|EPI_ISL_463536|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-9E0647/2020|2020-09-21|EPI_ISL_601360|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C43CA/2020|2020-09-09|EPI_ISL_566711|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/Donner83/2020|2020-08-04|EPI_ISL_644987|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14387/2020|2020-10-06|EPI_ISL_787672|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/205081167/2020|2020-12-09|EPI_ISL_766291|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG366692/2020|2020-05-31|EPI_ISL_694459|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-3769S/2020|2020-05-28|EPI_ISL_639923|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-94B5C5/2020|2020-06-11|EPI_ISL_556427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3369/2020|2020-07-06|EPI_ISL_521048|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC7328/2020|2020-08-05|EPI_ISL_564345|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20169003304/2020|2020-04-17|EPI_ISL_465173|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-99580F/2020|2020-08-23|EPI_ISL_551686|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18542/2020|2020-11-20|EPI_ISL_784890|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-53916/2020|2020-12-14|EPI_ISL_766729|Original|hCoV-19^^Uppsala|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Czech Republic/NRL_9682/2020|2020-10-07|EPI_ISL_626603|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Netherlands/UT-RIVM-20944/2020|2020-12-19|EPI_ISL_790970|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MN-MDH-1901/2020|2020-10-18|EPI_ISL_613525|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Wales/ALDP-C3D00E/2020|2020-12-10|EPI_ISL_767290|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00017/2020|2020-04-01|EPI_ISL_791523|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/MILK-B5654D/2020|2020-11-06|EPI_ISL_657574|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4976BD/2020|2020-11-21|EPI_ISL_726866|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CT-UW-6780/2020|2020-04-09|EPI_ISL_570145|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-S2103/2020|2020-06-06|EPI_ISL_497531|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/SHEF-C7551/2020|2020-09-30|EPI_ISL_596202|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LOND-12F146B/2020|2020-12-16|EPI_ISL_763784|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-830/2020|2020-09-27|EPI_ISL_632403|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-382/2020|2020-05-22|EPI_ISL_480364|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-B5DC41/2020|2020-11-09|EPI_ISL_723577|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-B3C45F/2020|2020-11-02|EPI_ISL_706145|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Suriname/SR-55/2020|2020-07-16|EPI_ISL_518804|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/USA/TX-HMH-6701/2020|2020-06-24|EPI_ISL_546180|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-6E9D88/2020|2020-06-30|EPI_ISL_557628|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B2129F/2020|2020-11-02|EPI_ISL_647636|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD1FB6/2020|2020-10-26|EPI_ISL_634248|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7F4A6/2020|2020-04-08|EPI_ISL_443047|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1800/2020|2020-08-03|EPI_ISL_613899|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-9F96C3/2020|2020-09-25|EPI_ISL_589023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7128/2020|2020-08-04|EPI_ISL_517588|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MD-HP12164/2020|2020-12-23|EPI_ISL_791470|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/QEUA-AAE6F9/2020|2020-10-22|EPI_ISL_630853|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0497/2020|2020-05-18|EPI_ISL_698664|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Switzerland/BE-ETHZ-310519/2020|2020-10-08|EPI_ISL_603587|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Turkey/IST-GLAB-263/2020|2020-05-19|EPI_ISL_735323|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Australia/VIC6468/2020|2020-00-00|EPI_ISL_521246|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94E47A/2020|2020-06-17|EPI_ISL_555499|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12311/2020|2020-09-26|EPI_ISL_790294|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Austria/CeMM0318/2020|2020-03-30|EPI_ISL_475789|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-3495/2020|2020-08-31|EPI_ISL_616283|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-CB6261/2020|2020-12-18|EPI_ISL_761786|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09090/2020|2020-03-19|EPI_ISL_421629|Original|hCoV-19^^New York|Human|MSSM Clinical Microbiology Laboratories|MSSM Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Wales/PHWC-4956CE/2020|2020-11-23|EPI_ISL_726382|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB6E3/2020|2020-11-20|EPI_ISL_665018|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NOTT-111B73/2020|2020-06-02|EPI_ISL_461966|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Portugal/PT2047/2020|2020-11-13|EPI_ISL_732262|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/FL-BPHL-0229/2020|2020-04-22|EPI_ISL_480880|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-3404/2020|2020-08-31|EPI_ISL_616163|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/BFC-IPP10929/2020|2020-12-21|EPI_ISL_765477|Original|hCoV-19^^Bourgogne-Franche-Comt|Human|EHPAD|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Scotland/QEUA-A217DD/2020|2020-10-01|EPI_ISL_598839|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-8466C/2020|2020-04-27|EPI_ISL_438746|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/IC-0010/2020|2020-03-00|EPI_ISL_591356|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-8FD930/2020|2020-06-24|EPI_ISL_551396|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02234/2020|2020-09-00|EPI_ISL_671506|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-2A7DE/2020|2020-04-07|EPI_ISL_445619|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490748/2020|2020-11-14|EPI_ISL_706506|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2183/2020|2020-11-29|EPI_ISL_723134|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUEH-961505/2020|2020-08-06|EPI_ISL_537051|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491531/2020|2020-06-20|EPI_ISL_695148|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Portugal/PT0527/2020|2020-04-06|EPI_ISL_454251|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-9855/2020|2020-11-09|EPI_ISL_669230|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-22340/2020|2020-12-14|EPI_ISL_758688|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16E9C8/2020|2020-10-01|EPI_ISL_585801|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0228/2020|2020-08-00|EPI_ISL_667657|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB9976/2020|2020-11-18|EPI_ISL_705804|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E006/2020|2020-10-14|EPI_ISL_607882|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8D1255/2020|2020-06-24|EPI_ISL_557136|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670136/2020|2020-05-02|EPI_ISL_696345|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-QDX-355/2020|2020-03-23|EPI_ISL_571151|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-B7E59A/2020|2020-11-14|EPI_ISL_667958|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19214/2020|2020-12-07|EPI_ISL_748424|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC10776/2020|2020-08-31|EPI_ISL_562715|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A95ABD/2020|2020-10-19|EPI_ISL_624747|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3188/2020|2020-03-26|EPI_ISL_579476|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUA-9B4934/2020|2020-09-03|EPI_ISL_590204|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-96FDA5/2020|2020-08-18|EPI_ISL_540335|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2038/2020|2020-05-09|EPI_ISL_545078|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K002858/2020|2020-08-31|EPI_ISL_602673|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-4A519D/2020|2020-12-15|EPI_ISL_764831|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B3577B/2020|2020-11-05|EPI_ISL_659550|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-100157/2020|2020-03-17|EPI_ISL_574945|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-928C6F/2020|2020-06-22|EPI_ISL_552922|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CB62D/2020|2020-04-16|EPI_ISL_448877|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Italy/APU-PODV-15937969/2020|2020-08-25|EPI_ISL_788958|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/USA/FL-BPHL-0829/2020|2020-06-15|EPI_ISL_514175|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-7BE24/2020|2020-04-05|EPI_ISL_442053|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22511/2020|2020-12-14|EPI_ISL_757605|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9CD983/2020|2020-09-16|EPI_ISL_566352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18236/2020|2020-11-17|EPI_ISL_784584|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18819/2020|2020-12-07|EPI_ISL_748577|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A18DE6/2020|2020-10-01|EPI_ISL_612462|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LEED-2A90DA/2020|2020-04-07|EPI_ISL_539060|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8576610/2020|2020-12-24|EPI_ISL_771087|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-49B929/2020|2020-12-06|EPI_ISL_742404|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR6072/2020|2020-11-10|EPI_ISL_703718|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EA04/2020|2020-10-05|EPI_ISL_587209|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII21797S/2020|2020-06-07|EPI_ISL_507289|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Russia/OMS-ORINFI-MH10294S/2020|2020-11-17|EPI_ISL_733493|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Kenya/C4710/2020|2020-05-08|EPI_ISL_568735|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/CAMC-CF8EBA/2020|2020-12-21|EPI_ISL_781371|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290631-01/2020|2020-12-24|EPI_ISL_767533|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Belgium/reg-0420909/2020|2020-04-20|EPI_ISL_734632|Original|hCoV-19^^Beauvechain|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/204881314/2020|2020-11-00|EPI_ISL_678824|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-A7CABC/2020|2020-10-15|EPI_ISL_607583|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20122069402/2020|2020-03-16|EPI_ISL_418674|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC85/2020|2020-05-05|EPI_ISL_447546|Original|hCoV-19^^Gujarat|Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/NORT-283917/2020|2020-04-01|EPI_ISL_488705|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96D74F/2020|2020-08-20|EPI_ISL_534557|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-410909/2020|2020-11-30|EPI_ISL_737762|Original|hCoV-19^^Graub\u00f6nden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL1181/2020|2020-12-11|EPI_ISL_768450|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-691/2020|2020-09-28|EPI_ISL_632545|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-49AE2B/2020|2020-12-03|EPI_ISL_727693|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13ACAE/2020|2020-11-10|EPI_ISL_664509|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/CVR5591/2020|2020-10-31|EPI_ISL_651855|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-C30CAD/2020|2020-12-11|EPI_ISL_757128|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5114/2020|2020-08-00|EPI_ISL_690223|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/HI-H200613/2020|2020-11-23|EPI_ISL_753139|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-8072/2020|2020-07-00|EPI_ISL_687173|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/VC-IBV-98003431/2020|2020-04-01|EPI_ISL_539248|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-99E411/2020|2020-08-31|EPI_ISL_550609|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0500/2020|2020-03-25|EPI_ISL_583588|Original|hCoV-19^^Linz|Human|Institute for Medical and Chemical Laboratory Diagnostics|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUIH-A9E146/2020|2020-10-20|EPI_ISL_680032|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUIH-9DED29/2020|2020-09-21|EPI_ISL_584826|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/NORW-E7719/2020|2020-05-04|EPI_ISL_457327|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CE3B/2020|2020-10-15|EPI_ISL_608090|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-006028/2020|2020-03-07|EPI_ISL_500458|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-727F5/2020|2020-03-23|EPI_ISL_439928|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-0916/2020|2020-04-00|EPI_ISL_684526|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-001415/2020|2020-11-19|EPI_ISL_683787|Original|hCoV-19^^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUIH-9F712E/2020|2020-09-27|EPI_ISL_595664|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1648/2020|2020-08-17|EPI_ISL_539842|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Gambia/GC19-3812/2020|2020-07-27|EPI_ISL_561086|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/MILK-B96426/2020|2020-11-13|EPI_ISL_676239|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D3DB2/2020|2020-04-22|EPI_ISL_514505|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4085967/2020|2020-11-23|EPI_ISL_740420|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUIH-AE2F2B/2020|2020-10-26|EPI_ISL_649634|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0122/2020|2020-05-20|EPI_ISL_526267|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Germany/BE-ChVir-W1341-4391/2020|2020-04-10|EPI_ISL_753761|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Spain/MD-ISCI-2014829/2020|2020-08-26|EPI_ISL_691727|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/South Africa/KRISP-0164/2020|2020-06-01|EPI_ISL_467514|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-ALSR-4356/2020|2020-07-16|EPI_ISL_648987|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WI-UW-269/2020|2020-04-06|EPI_ISL_434615|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NOTT-11F6ED/2020|2020-11-25|EPI_ISL_725557|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LIVE-9C555/2020|2020-03-23|EPI_ISL_449551|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A3AD/2020|2020-04-05|EPI_ISL_445562|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC3311/2020|2020-07-11|EPI_ISL_520990|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/205161648/2020|2020-12-17|EPI_ISL_766447|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B54BE3/2020|2020-11-05|EPI_ISL_657915|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9516/2020|2020-07-03|EPI_ISL_781159|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/TG-CCMB-L149/2020|2020-04-16|EPI_ISL_447861|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Denmark/DCGC-21700/2020|2020-12-21|EPI_ISL_758316|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B35E1C/2020|2020-11-05|EPI_ISL_645251|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6149/2020|2020-07-22|EPI_ISL_518160|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A96506/2020|2020-10-20|EPI_ISL_624632|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A64D/2020|2020-09-06|EPI_ISL_540919|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F4E7/2020|2020-10-06|EPI_ISL_587292|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/LI-EMC-87/2020|2020-09-22|EPI_ISL_577833|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-4170/2020|2020-09-14|EPI_ISL_621990|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10909/2020|2020-11-14|EPI_ISL_678450|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/OR-PROV-083/2020|2020-04-18|EPI_ISL_482355|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/QEUH-9B5353/2020|2020-09-03|EPI_ISL_590222|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00887/2020|2020-04-14|EPI_ISL_791811|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-21579/2020|2020-12-21|EPI_ISL_758245|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A93D5C/2020|2020-10-19|EPI_ISL_611011|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6010/2020|2020-07-23|EPI_ISL_518785|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-BFCB1/2020|2020-03-03|EPI_ISL_416730|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14912/2020|2020-11-27|EPI_ISL_738928|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A2D3BF/2020|2020-10-05|EPI_ISL_586796|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8426/2020|2020-09-00|EPI_ISL_687525|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB3498/2020|2020-04-13|EPI_ISL_439271|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/CVR5683/2020|2020-11-08|EPI_ISL_651906|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-76A70/2020|2020-03-30|EPI_ISL_438428|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-7919/2020|2020-07-00|EPI_ISL_687020|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S680/2020|2020-04-08|EPI_ISL_449850|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC4488/2020|2020-07-16|EPI_ISL_519784|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1487/2020|2020-09-16|EPI_ISL_541617|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC3522/2020|2020-07-08|EPI_ISL_520274|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/SG-ETHZ-380401/2020|2020-11-23|EPI_ISL_721847|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-13118/2020|2020-11-30|EPI_ISL_712593|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/NW-HHU-186/2020|2020-03-28|EPI_ISL_602508|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Denmark/DCGC-12407/2020|2020-11-16|EPI_ISL_682588|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-6928/2020|2020-08-19|EPI_ISL_582888|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10219/2020|2020-07-07|EPI_ISL_789375|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Israel/2047772/2020|2020-03-30|EPI_ISL_447385|Original|hCoV-19^^North District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/CAMB-8092B/2020|2020-04-10|EPI_ISL_442922|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-A0C43B/2020|2020-10-03|EPI_ISL_584975|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036672489/2020|2020-10-28|EPI_ISL_650050|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/NMDOH-2020305813/2020|2020-08-21|EPI_ISL_542059|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/WA-S1020/2020|2020-04-29|EPI_ISL_463510|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/France/OCC-SC556/2020|2020-04-04|EPI_ISL_660725|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/VA-DCLS-0108/2020|2020-04-14|EPI_ISL_434600|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-4829/2020|2020-09-21|EPI_ISL_621439|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-29CE49/2020|2020-05-01|EPI_ISL_499795|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2AD45/2020|2020-04-06|EPI_ISL_445697|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Brazil/SP-RP9/2020|2020-04-01|EPI_ISL_613951|Original|hCoV-19^^S\u00e3o Paulo|Human|Laboratory of Molecular Biology|Laboratory of Molecular Biology|Slavov|Brazil

>Spike|hCoV-19/England/QEUA-B6A50A/2020|2020-11-11|EPI_ISL_662529|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH406/2020|2020-04-24|EPI_ISL_513154|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/LIVE-DC2B48/2020|2020-11-24|EPI_ISL_705837|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-56BFD4/2020|2020-06-11|EPI_ISL_558386|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-291E80/2020|2020-05-06|EPI_ISL_489081|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D3A5A/2020|2020-09-16|EPI_ISL_589801|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0529/2020|2020-06-19|EPI_ISL_508732|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/LA-EVTL410/2020|2020-06-09|EPI_ISL_578816|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/GSTT-4177/2020|2020-03-12|EPI_ISL_561373|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8388/2020|2020-11-00|EPI_ISL_740768|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/WI-GMF-24209/2020|2020-10-05|EPI_ISL_660897|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Japan/PG-8364/2020|2020-07-00|EPI_ISL_687463|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-688/2020|2020-04-15|EPI_ISL_546315|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48D140/2020|2020-11-04|EPI_ISL_666585|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5129/2020|2020-08-00|EPI_ISL_690236|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0746/2020|2020-03-22|EPI_ISL_511005|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9E970F/2020|2020-09-24|EPI_ISL_584239|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15376/2020|2020-11-23|EPI_ISL_713789|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C9A05/2020|2020-05-03|EPI_ISL_457637|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Senegal/55703/2020|2020-06-07|EPI_ISL_477148|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/Denmark/DCGC-10409/2020|2020-11-02|EPI_ISL_669809|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-961D3A/2020|2020-08-02|EPI_ISL_537062|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08116/2020|2020-03-09|EPI_ISL_454487|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Netherlands/un-EMC-732/2020|2020-06-12|EPI_ISL_523487|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-16F8D9/2020|2020-10-10|EPI_ISL_586035|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1BAC6A/2020|2020-11-12|EPI_ISL_664789|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-BCBA17/2020|2020-11-27|EPI_ISL_703824|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B79F0A/2020|2020-11-12|EPI_ISL_741062|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL144/2020|2020-03-25|EPI_ISL_455987|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Israel/CVL-46435/2020|2020-12-15|EPI_ISL_745073|Original|hCoV-19^^Haifa|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Japan/PG-8775/2020|2020-08-00|EPI_ISL_686369|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-DCB550/2020|2020-11-24|EPI_ISL_724410|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Peru/LIM-INS-089/2020|2020-07-04|EPI_ISL_536488|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/England/CAMB-7E42F/2020|2020-04-07|EPI_ISL_524495|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13231/2020|2020-11-30|EPI_ISL_712666|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-LACPHL-AF00019/2020|2020-12-16|EPI_ISL_737254|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Denmark/DCGC-10035/2020|2020-11-09|EPI_ISL_669350|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Egypt/EGY-S030/2020|2020-08-17|EPI_ISL_526996|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/Japan/PG-1170/2020|2020-04-00|EPI_ISL_684780|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9AAAF2/2020|2020-09-01|EPI_ISL_550840|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3C880/2020|2020-11-02|EPI_ISL_706163|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9491271/2020|2020-10-19|EPI_ISL_744925|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-A78528/2020|2020-10-12|EPI_ISL_638758|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/C200021209/2020|2020-00-00|EPI_ISL_636687|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-A4D182/2020|2020-10-04|EPI_ISL_596097|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-964890/2020|2020-08-13|EPI_ISL_534381|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15972/2020|2020-07-10|EPI_ISL_785656|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/DL-NCDC1969-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482518|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/England/ALDP-95174E/2020|2020-06-10|EPI_ISL_554403|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7493897/2020|2020-08-13|EPI_ISL_744577|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/PORT-2D12F1/2020|2020-03-24|EPI_ISL_479179|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000381/2020|2020-03-28|EPI_ISL_631874|Original|hCoV-19^^New York|Human|James J. Peters VA Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Rwanda/M95142-RD/2020|2020-07-23|EPI_ISL_707787|Original|hCoV-19^^Rwanda|Human|Rwanda National Reference Laboratory|Rwanda National Reference Laboratory|Mukantwari|Rwanda

>Spike|hCoV-19/Denmark/DCGC-11237/2020|2020-11-02|EPI_ISL_670787|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1222/2020|2020-04-00|EPI_ISL_684832|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9B1E92/2020|2020-09-04|EPI_ISL_549398|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13910/2020|2020-08-16|EPI_ISL_787202|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-9DEAD7/2020|2020-09-21|EPI_ISL_601215|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A0007F/2020|2020-10-02|EPI_ISL_600149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160A2D/2020|2020-05-20|EPI_ISL_479299|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B090B1/2020|2020-10-29|EPI_ISL_672964|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22709/2020|2020-12-07|EPI_ISL_767358|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-A4FF4A/2020|2020-10-07|EPI_ISL_597593|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3029/2020|2020-08-05|EPI_ISL_549078|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Peru/LIM-INS-006/2020|2020-03-11|EPI_ISL_489838|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/USA/FL-BPHL-1943/2020|2020-04-09|EPI_ISL_613802|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Spain/AR-IBV-005058/2020|2020-04-21|EPI_ISL_500346|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-49EE63/2020|2020-12-01|EPI_ISL_743133|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF3EA/2020|2020-09-20|EPI_ISL_638405|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0185/2020|2020-03-23|EPI_ISL_434863|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/ME-HETL-J0256/2020|2020-09-28|EPI_ISL_755405|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUH-A0BDD7/2020|2020-10-01|EPI_ISL_599473|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24A0D/2020|2020-11-04|EPI_ISL_647077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok_580/2020|2020-02-01|EPI_ISL_447918|Vero P2|hCoV-19^^Bangkok|Human|n/a|National Institute of Health. Department of medical Sciences|Okada|Thailand

>Spike|hCoV-19/Scotland/CVR3097/2020|2020-04-25|EPI_ISL_461670|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-4746/2020|2020-07-00|EPI_ISL_689882|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CDPH273/2020|2020-11-15|EPI_ISL_755100|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/MILK-BB261F/2020|2020-11-18|EPI_ISL_720266|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B47F50/2020|2020-11-07|EPI_ISL_649248|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10FB69/2020|2020-04-07|EPI_ISL_432691|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0275/2020|2020-04-22|EPI_ISL_452844|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/210100347/2021|2021-01-04|EPI_ISL_791231|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1245/2020|2020-06-02|EPI_ISL_541338|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/NSW722/2020|2020-07-27|EPI_ISL_513365|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/UT-UPHL-2009608/2020|2020-07-19|EPI_ISL_605286|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-160C90/2020|2020-05-24|EPI_ISL_473035|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-152/2020|2020-03-04|EPI_ISL_602522|Orginal|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/ALDP-B623DB/2020|2020-11-09|EPI_ISL_656482|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-005359/2020|2020-03-22|EPI_ISL_510235|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-14508/2020|2020-11-30|EPI_ISL_711806|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-73D4D/2020|2020-04-02|EPI_ISL_433690|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-2880/2020|2020-04-00|EPI_ISL_691006|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S1552/2020|2020-05-26|EPI_ISL_495978|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-CB596D/2020|2020-12-19|EPI_ISL_761722|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B9508D/2020|2020-11-13|EPI_ISL_673655|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11865/2020|2020-10-04|EPI_ISL_625619|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Germany/HH-hpi-p1821/2020|2020-03-22|EPI_ISL_776177|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/204590568/2020|2020-11-06|EPI_ISL_700644|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-PV08432/2020|2020-03-18|EPI_ISL_421388|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/UT-UPHL-2012309436/2020|2020-08-16|EPI_ISL_745549|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CT-Yale-034/2020|2020-03-15|EPI_ISL_419524|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Austria/CeMM0280/2020|2020-03-25|EPI_ISL_438107|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/NE-11549/2020|2020-05-05|EPI_ISL_475228|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/SHEF-C00DF/2020|2020-03-23|EPI_ISL_420267|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-B88357/2020|2020-11-14|EPI_ISL_674342|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3783/2020|2020-06-04|EPI_ISL_548410|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-4A692B/2020|2020-12-17|EPI_ISL_765085|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB1711/2020|2020-04-15|EPI_ISL_433126|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Netherlands/un-EMC-825/2020|2020-12-11|EPI_ISL_763178|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-0694/2020|2020-08-01|EPI_ISL_576341|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/EDB5065/2020|2020-04-24|EPI_ISL_487739|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-591/2020|2020-06-19|EPI_ISL_484966|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-93C9F8/2020|2020-06-21|EPI_ISL_553276|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0789/2020|2020-05-01|EPI_ISL_568965|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Scotland/EDB7378/2020|2020-08-31|EPI_ISL_529696|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-95E32F/2020|2020-08-10|EPI_ISL_534408|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005083/2020|2020-04-22|EPI_ISL_510366|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORT-283768/2020|2020-03-31|EPI_ISL_478511|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/20100121007/2020|2020-02-29|EPI_ISL_415141|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12488/2020|2020-09-28|EPI_ISL_790363|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/2989/2020|2020-07-22|EPI_ISL_549114|Original|hCoV-19^^MoreogRomsdal|Human|Ostfold Hospital Trust - K\u00e5lnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/CAMC-B22717/2020|2020-11-02|EPI_ISL_647124|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3010/2020|2020-05-30|EPI_ISL_543930|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/PV-IBV-000957/2020|2020-03-28|EPI_ISL_452618|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-BC7DA9/2020|2020-11-23|EPI_ISL_721389|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-22269V/2020|2020-06-08|EPI_ISL_524041|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/NOTT-10E098/2020|2020-03-18|EPI_ISL_425492|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17332/2020|2020-12-14|EPI_ISL_750914|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5043/2020|2020-07-00|EPI_ISL_690154|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2009694/2020|2020-07-27|EPI_ISL_605368|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01220/2020|2020-06-00|EPI_ISL_548842|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUH-B67BED/2020|2020-11-11|EPI_ISL_661446|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-14941/2020|2020-05-25|EPI_ISL_475523|Original|hCoV-19^^Stockholm|Human|Huddinge VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-BB1CD2/2020|2020-11-17|EPI_ISL_720335|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA56C5/2020|2020-10-22|EPI_ISL_623905|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E333/2020|2020-09-28|EPI_ISL_585702|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Colombia/CUN-GUR-0454/2020|2020-03-28|EPI_ISL_447744|Original|hCoV-19^^Cundinamarca|Human|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9rez|Colombia

>Spike|hCoV-19/England/ALDP-8EF658/2020|2020-06-25|EPI_ISL_556578|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B63B5A/2020|2020-11-08|EPI_ISL_656497|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0294/2020|2020-03-26|EPI_ISL_579084|Original|hCoV-19^^Auckland|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Japan/PG-4208/2020|2020-07-00|EPI_ISL_692446|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9FD3B9/2020|2020-10-02|EPI_ISL_587715|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D73E8/2020|2020-12-01|EPI_ISL_727985|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/BRIS-12612E/2020|2020-04-10|EPI_ISL_458922|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-FA27C/2020|2020-12-08|EPI_ISL_725486|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47FF0B/2020|2020-10-05|EPI_ISL_612829|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15339/2020|2020-10-19|EPI_ISL_786823|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-A63FF5/2020|2020-10-12|EPI_ISL_628683|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-130E1B/2020|2020-03-24|EPI_ISL_501588|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_26172976/2020|2020-03-00|EPI_ISL_463231|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Northern Ireland/QEUEH-96B86C/2020|2020-08-16|EPI_ISL_531306|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A40E1F/2020|2020-10-07|EPI_ISL_609445|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11056/2020|2020-12-02|EPI_ISL_722928|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-946/2020|2020-05-08|EPI_ISL_509945|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-30A09/2020|2020-04-08|EPI_ISL_446306|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A479BD/2020|2020-10-05|EPI_ISL_598282|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2392/2020|2020-05-02|EPI_ISL_776467|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah139/2020|2020-03-24|EPI_ISL_437694|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Israel/CVL-45982/2020|2020-12-10|EPI_ISL_745059|Original|hCoV-19^^Central|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Wales/PHWC-49AA63/2020|2020-12-03|EPI_ISL_727637|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20179042204/2020|2020-04-25|EPI_ISL_528431|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR3081/2020|2020-04-24|EPI_ISL_461665|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9A939E/2020|2020-09-01|EPI_ISL_551181|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A0671A/2020|2020-10-01|EPI_ISL_599889|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2201/2020|2020-04-09|EPI_ISL_490672|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0263/2020|2020-09-29|EPI_ISL_755410|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Denmark/DCGC-1180/2020|2020-03-16|EPI_ISL_614666|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-42205-01/2020|2020-04-09|EPI_ISL_676650|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/France/HDF-3668/2020|2020-03-25|EPI_ISL_443316|Original|hCoV-19^^Hauts-de-France|Human|CH Compi\00e8gne Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/CAMC-B21068/2020|2020-11-02|EPI_ISL_647382|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BC4B75/2020|2020-11-25|EPI_ISL_704018|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139050804/2020|2020-03-27|EPI_ISL_420699|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B552B0/2020|2020-11-06|EPI_ISL_657776|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2311/2020|2020-08-10|EPI_ISL_617736|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SO-ETHZ-420715/2020|2020-12-24|EPI_ISL_768211|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-CAD79B/2020|2020-12-20|EPI_ISL_767092|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00234287/2020|2020-03-23|EPI_ISL_536049|Original|hCoV-19^^Quebec|Human|H\00f4pital de Saint-Eustache|Laboratoire de sant\00e9 publique du Qu\00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-491316/2020|2020-11-16|EPI_ISL_706642|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499141/2020|2020-12-02|EPI_ISL_727261|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_61/2020|2020-03-23|EPI_ISL_422929|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-A9F655/2020|2020-10-20|EPI_ISL_611478|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-1776/2020|2020-09-19|EPI_ISL_644381|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-2123/2020|2020-05-20|EPI_ISL_545132|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B5A594/2020|2020-11-06|EPI_ISL_658243|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1955/2020|2020-05-06|EPI_ISL_486228|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22322/2020|2020-11-10|EPI_ISL_708298|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/BIRM-5E7FF/2020|2020-03-24|EPI_ISL_444304|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-A8628A/2020|2020-10-17|EPI_ISL_605977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1433/2020|2020-05-20|EPI_ISL_495883|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/MD-IBV-004899/2020|2020-03-08|EPI_ISL_481089|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/BE-ETHZ-321082/2020|2020-10-14|EPI_ISL_737695|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-15038/2020|2020-10-16|EPI_ISL_786522|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-10109/2020|2020-05-19|EPI_ISL_672217|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-CBDDFA/2020|2020-12-19|EPI_ISL_760360|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20584/2020|2020-04-30|EPI_ISL_462666|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC327/2020|2020-03-17|EPI_ISL_426637|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-16343/2020|2020-11-02|EPI_ISL_786027|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-AC7821/2020|2020-10-21|EPI_ISL_644061|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020321845/2020|2020-09-01|EPI_ISL_542073|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Australia/VIC11662/2020|2020-07-25|EPI_ISL_563450|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-7225E/2020|2020-03-28|EPI_ISL_439545|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-920A12/2020|2020-06-23|EPI_ISL_552868|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13184/2020|2020-11-30|EPI_ISL_712147|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6531/2020|2020-06-27|EPI_ISL_546062|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/PV-IBV-003190/2020|2020-03-08|EPI_ISL_480962|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-9D8B43/2020|2020-09-18|EPI_ISL_576651|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2181/2020|2020-03-25|EPI_ISL_506975|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/MILK-9A9F5E/2020|2020-08-31|EPI_ISL_550939|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142001904/2020|2020-03-30|EPI_ISL_465895|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-95E4D1/2020|2020-08-10|EPI_ISL_537048|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-991997/2020|2020-08-26|EPI_ISL_577008|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-B106F1/2020|2020-11-02|EPI_ISL_641694|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4576/2020|2020-07-11|EPI_ISL_667016|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-2051/2020|2020-04-22|EPI_ISL_486295|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Wales/PHWC-495DD8/2020|2020-11-26|EPI_ISL_726485|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19730/2020|2020-12-07|EPI_ISL_749139|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-QDX-1505/2020|2020-03-17|EPI_ISL_603837|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Kenya/C587/2020|2020-04-11|EPI_ISL_457912|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/TX-HMH-3110/2020|2020-06-10|EPI_ISL_543998|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-386/2020|2020-05-21|EPI_ISL_480368|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-QDX-2413/2020|2020-03-17|EPI_ISL_604679|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-DSHS-1591/2020|2020-06-22|EPI_ISL_700702|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Finland/10A80S14/2020|2020-04-10|EPI_ISL_481531|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/TX-HMH0413/2020|2020-04-01|EPI_ISL_434998|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48798A/2020|2020-10-27|EPI_ISL_639257|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27258/2020|2020-03-31|EPI_ISL_432040|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Serbia/Novi Sad-158502905/2020|2020-05-28|EPI_ISL_676591|Original|hCoV-19^^Novi Sad|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/USA/MN-MDH-1297/2020|2020-03-24|EPI_ISL_483017|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-SEARCH-5518/2020|2020-11-17|EPI_ISL_755134|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8379/2020|2020-06-19|EPI_ISL_784359|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6E19A/2020|2020-10-15|EPI_ISL_607003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-HUB-51235489/2020|2020-06-08|EPI_ISL_489833|Original|hCoV-19^^Basque Country|Human|Clinical Microbiology Laboratory- Basurto University Hospital|Biocruces-Bizkaia|Urrutikoetxea-Gutierrez|Spain

>Spike|hCoV-19/England/CAMC-B3475E/2020|2020-11-05|EPI_ISL_659688|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-347/2020|2020-10-28|EPI_ISL_632325|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9FC9B8/2020|2020-10-01|EPI_ISL_587789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0259/2020|2020-11-18|EPI_ISL_720252|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1239/2020|2020-03-31|EPI_ISL_511200|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9C50FF/2020|2020-09-10|EPI_ISL_567533|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0159/2020|2020-04-01|EPI_ISL_480810|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-SEARCH-5504/2020|2020-11-25|EPI_ISL_755269|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/WA256/2020|2020-08-26|EPI_ISL_594170|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/New Zealand/20CV0233/2020|2020-09-05|EPI_ISL_548072|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-47FD98/2020|2020-10-07|EPI_ISL_612808|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-974DF8/2020|2020-08-17|EPI_ISL_552548|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Zhejiang/CN1/2020|2020-01-22|EPI_ISL_455683|unknown|hCoV-19^^Zhejiang|Human|unknown|Department of Microbiology|Submitter|China

>Spike|hCoV-19/Austria/CeMM0371/2020|2020-03-25|EPI_ISL_475816|Original|hCoV-19^^Mayrhofen|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/CO-CDPHE-2009053149/2020|2020-09-05|EPI_ISL_710284|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Northern Ireland/NIRE-103813/2020|2020-04-15|EPI_ISL_489164|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14550/2020|2020-11-30|EPI_ISL_711832|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S329/2020|2020-03-29|EPI_ISL_755863|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Denmark/DCGC-6162/2020|2020-10-05|EPI_ISL_620065|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-124E195/2020|2020-00-00|EPI_ISL_584664|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484808/2020|2020-10-23|EPI_ISL_628047|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-00015/2020|2020-00-00|EPI_ISL_548697|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/OR-OHSU-1957/2020|2020-07-30|EPI_ISL_526077|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM22279170/2020|2020-12-01|EPI_ISL_753571|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Denmark/DCGC-20154/2020|2020-12-07|EPI_ISL_747622|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4518/2020|2020-07-00|EPI_ISL_689657|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/WB-S74/2020|2020-05-20|EPI_ISL_508464|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/MA-MGH-00247/2020|2020-04-06|EPI_ISL_460213|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Canada/QC_AV4/2020|2020-04-04|EPI_ISL_463949|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Scotland/EDB1671/2020|2020-04-15|EPI_ISL_433112|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-A212BE/2020|2020-10-01|EPI_ISL_587667|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1755/2020|2020-04-00|EPI_ISL_685361|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-D3789/2020|2020-03-31|EPI_ISL_440983|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201029051/2020|2020-06-01|EPI_ISL_594023|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Portugal/PT1581/2020|2020-06-30|EPI_ISL_693588|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-AF672C/2020|2020-10-30|EPI_ISL_662970|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F03C5/2020|2020-09-24|EPI_ISL_580726|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96AED4/2020|2020-08-14|EPI_ISL_531274|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAFE0F/2020|2020-10-21|EPI_ISL_623386|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-B121D0/2020|2020-11-02|EPI_ISL_649577|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-953FBD/2020|2020-06-13|EPI_ISL_554606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20130034304/2020|2020-03-22|EPI_ISL_423606|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3076C/2020|2020-04-08|EPI_ISL_446274|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1474/2020|2020-04-00|EPI_ISL_685081|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-17075/2020|2020-12-14|EPI_ISL_750397|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Israel/CVL-n4109/2020|2020-03-11|EPI_ISL_649072|Original|hCoV-19^^Elkana|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/India/MH-ACTREC-587/2020|2020-09-03|EPI_ISL_700226|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-9CBBF8/2020|2020-09-16|EPI_ISL_575720|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-810/2020|2020-04-08|EPI_ISL_545844|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/AM-ALSR-5176/2020|2020-10-16|EPI_ISL_730415|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/MA-MASPHL-00557/2020|2020-05-08|EPI_ISL_693030|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Wales/PHWC-49597A/2020|2020-11-24|EPI_ISL_726419|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13548D/2020|2020-04-17|EPI_ISL_457064|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9D104B/2020|2020-09-16|EPI_ISL_577374|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-310370/2020|2020-10-08|EPI_ISL_603444|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-9BA127/2020|2020-09-07|EPI_ISL_573580|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6837B/2020|2020-11-11|EPI_ISL_661472|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4055/2020|2020-12-14|EPI_ISL_764655|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A00525/2020|2020-10-02|EPI_ISL_584885|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28AD7/2020|2020-04-02|EPI_ISL_445399|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC16421/2020|2020-07-29|EPI_ISL_640554|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9447F3/2020|2020-06-07|EPI_ISL_555607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3969/2020|2020-07-00|EPI_ISL_691739|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19651/2020|2020-11-29|EPI_ISL_784011|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12664D/2020|2020-04-09|EPI_ISL_458916|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1382/2020|2020-07-21|EPI_ISL_541319|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-CZB-6807/2020|2020-07-14|EPI_ISL_582883|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-99D7FB/2020|2020-08-30|EPI_ISL_550751|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CBF471/2020|2020-12-20|EPI_ISL_778089|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4598/2020|2020-05-07|EPI_ISL_478166|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/LIVE-A5F4C/2020|2020-03-21|EPI_ISL_499585|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21971/2020|2020-08-17|EPI_ISL_566022|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-B49370/2020|2020-11-07|EPI_ISL_649431|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV31984/2020|2020-05-29|EPI_ISL_481153|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/TX-HMH-6808/2020|2020-06-25|EPI_ISL_546258|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ecuador/USFQ-506/2020|2020-10-10|EPI_ISL_660535|Original|hCoV-19^^El Oro|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/England/QEUH-9DC65D/2020|2020-09-21|EPI_ISL_581039|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132020804/2020|2020-03-23|EPI_ISL_423740|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-PV09056/2020|2020-03-21|EPI_ISL_421611|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001142/2020|2020-10-23|EPI_ISL_671725|Original|hCoV-19^^New York|Human|DOHMH Riverside|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-A66A5B/2020|2020-10-12|EPI_ISL_630439|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654306/2020|2020-04-13|EPI_ISL_695961|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B1A800/2020|2020-11-01|EPI_ISL_647553|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0129/2020|2020-08-00|EPI_ISL_591470|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/IL-UW-1481/2020|2020-09-15|EPI_ISL_541541|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/France/ARA-117723/2020|2020-12-08|EPI_ISL_745330|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-17267/2020|2020-12-14|EPI_ISL_750866|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-PV09380/2020|2020-03-19|EPI_ISL_450063|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/ALDP-AA2A62/2020|2020-10-21|EPI_ISL_644106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-158/2020|2020-03-31|EPI_ISL_537497|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/CAMB-84981/2020|2020-03-08|EPI_ISL_440497|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012094810/2020|2020-10-25|EPI_ISL_745635|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC11169/2020|2020-07-25|EPI_ISL_563281|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS0158952/2020|2020-03-18|EPI_ISL_417534|Original|hCoV-19^^Luxembourg|Human|Laboratoire Nationale de Sant\u00e9|Laboratoire Nationale de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Mexico/CMX-INMEGEN-06/2020|2020-08-01|EPI_ISL_522877|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Medicina Genomica|Instituto Nacional de Medicina Genomica|Hidalgo|Mexico

>Spike|hCoV-19/England/CAMB-1AB76B/2020|2020-04-28|EPI_ISL_444330|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/VIC13611/2020|2020-08-02|EPI_ISL_563784|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/ID-UW-2480/2020|2020-03-28|EPI_ISL_485946|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B399EA/2020|2020-11-01|EPI_ISL_679654|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B106/2020|2020-11-05|EPI_ISL_665796|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B7618F/2020|2020-11-12|EPI_ISL_723741|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-1299F6/2020|2020-04-01|EPI_ISL_458417|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6608/2020|2020-07-00|EPI_ISL_687720|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-0959/2020|2020-07-03|EPI_ISL_525936|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUEH-B7EE71/2020|2020-11-14|EPI_ISL_667975|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-RMRC30/2020|2020-04-04|EPI_ISL_455778|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL,ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/QEUEH-9FA64A/2020|2020-09-28|EPI_ISL_588149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-29053/2020|2020-05-13|EPI_ISL_479531|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-15460/2020|2020-10-24|EPI_ISL_786944|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-4128/2020|2020-10-30|EPI_ISL_667527|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-ALSR-4276/2020|2020-10-01|EPI_ISL_648931|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-18586/2020|2020-12-07|EPI_ISL_750062|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9C4E9C/2020|2020-09-10|EPI_ISL_567827|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-953603/2020|2020-06-08|EPI_ISL_553752|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410064/2020|2020-12-14|EPI_ISL_737913|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/OR-PROV-220/2020|2020-03-27|EPI_ISL_482455|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/NORT-283F8E/2020|2020-04-04|EPI_ISL_478530|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EF7B/2020|2020-10-03|EPI_ISL_585891|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB5572/2020|2020-03-31|EPI_ISL_487817|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2431/2020|2020-04-21|EPI_ISL_776500|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/AZ-TG290723/2020|2020-05-05|EPI_ISL_694239|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-B9EEC6/2020|2020-11-18|EPI_ISL_719956|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-815/2020|2020-06-30|EPI_ISL_509822|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-A58834/2020|2020-10-09|EPI_ISL_597166|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-69720-01/2020|2020-04-27|EPI_ISL_676885|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-9552EF/2020|2020-06-12|EPI_ISL_554613|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2238/2020|2020-11-16|EPI_ISL_770812|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUEH-A2046E/2020|2020-10-01|EPI_ISL_587592|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-831E4/2020|2020-04-14|EPI_ISL_443429|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-690/2020|2020-04-15|EPI_ISL_546334|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B22094/2020|2020-11-02|EPI_ISL_645981|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74A86/2020|2020-11-12|EPI_ISL_678965|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-108D88/2020|2020-10-09|EPI_ISL_627558|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-970521/2020|2020-08-18|EPI_ISL_553268|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D1FAE/2020|2020-12-03|EPI_ISL_742040|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9001/2020|2020-07-02|EPI_ISL_780886|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-9F6FBC/2020|2020-09-27|EPI_ISL_595650|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A4B5F1/2020|2020-10-08|EPI_ISL_637846|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BRIS-12A49A/2020|2020-04-30|EPI_ISL_458495|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0448/2020|2020-04-18|EPI_ISL_467972|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NM-UNM-00627/2020|2020-05-11|EPI_ISL_560353|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Scotland/CVR2247/2020|2020-04-12|EPI_ISL_477883|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD0667/2020|2020-10-23|EPI_ISL_629868|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012252797/2020|2020-08-03|EPI_ISL_745759|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NORW-21FA68/2020|2020-12-11|EPI_ISL_725066|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/MD-ISCIIE-2014630/2020|2020-08-18|EPI_ISL_691713|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Scotland/EDB063/2020|2020-03-19|EPI_ISL_425863|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-5CD0DD/2020|2020-06-19|EPI_ISL_558542|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-803A5/2020|2020-04-09|EPI_ISL_470375|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-951DC4/2020|2020-06-10|EPI_ISL_551339|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0731/2020|2020-05-15|EPI_ISL_698882|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/TAS76/2020|2020-04-06|EPI_ISL_522747|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-02054/2020|2020-04-20|EPI_ISL_470670|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-20967/2020|2020-12-21|EPI_ISL_758928|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-11010/2020|2020-09-04|EPI_ISL_582952|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/India/TG-CCMB-OM16/2020|2020-05-17|EPI_ISL_495282|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/MI-MDHHS-SC21335/2020|2020-04-02|EPI_ISL_507590|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/QEUH-A7941B/2020|2020-10-14|EPI_ISL_638998|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14310/2020|2020-10-05|EPI_ISL_787595|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-UNIBE-164-0436/2020|2020-03-16|EPI_ISL_574804|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/Morocco/RMPS-12/2020|2020-05-08|EPI_ISL_482737|Original|hCoV-19^^Morocco|Human|LNR National Reference Laboratory|Medical Biotechnology Laboratory|Kartti|Morocco

>Spike|hCoV-19/England/CAMB-1B1304/2020|2020-05-07|EPI_ISL_459191|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16511/2020|2020-11-16|EPI_ISL_714808|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-BC3AE2/2020|2020-11-25|EPI_ISL_704013|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH063/2020|2020-03-18|EPI_ISL_434772|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B99B1F/2020|2020-11-15|EPI_ISL_673516|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7350759/2020|2020-11-01|EPI_ISL_744556|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Germany/HH-hpi-pl894/2020|2020-03-24|EPI_ISL_776234|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/UT-03039/2020|2020-05-01|EPI_ISL_522311|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/NSW344/2020|2020-04-02|EPI_ISL_451605|Original|hCoV-19^^New South Wales|Human|Childrens Hospital Westmead|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WI-UW-1848/2020|2020-09-10|EPI_ISL_605720|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-48996A/2020|2020-10-26|EPI_ISL_652430|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/HDF-2174/2020|2020-03-09|EPI_ISL_415654|Original|hCoV-19^^Hauts-de-France|Human|Centre Hospitalier Compiegne Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/India/MH-NIV-7098/2020|2020-04-03|EPI_ISL_454548|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/WA-S517/2020|2020-03-24|EPI_ISL_434277|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/NY-Wadsworth-192871-01/2020|2020-06-21|EPI_ISL_677002|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/20139033404/2020|2020-03-27|EPI_ISL_421921|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC3F9/2020|2020-09-24|EPI_ISL_580502|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2036/2020|2020-07-16|EPI_ISL_653189|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/United Arab Emirates/0951/2020|2020-06-28|EPI_ISL_699087|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-94C54C/2020|2020-06-15|EPI_ISL_555871|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A7566/2020|2020-03-27|EPI_ISL_517037|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005129/2020|2020-05-07|EPI_ISL_500367|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Senegal/618/2020|2020-03-20|EPI_ISL_420077|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/BRIS-124032/2020|2020-04-08|EPI_ISL_492795|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AAE95/2020|2020-07-27|EPI_ISL_540622|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1115-SAN/2020|2020-06-23|EPI_ISL_483538|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/ALDP-BB4EF7/2020|2020-11-20|EPI_ISL_710716|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7430/2020|2020-06-30|EPI_ISL_546762|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC124/2020|2020-04-01|EPI_ISL_424931|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/LA-EVTL740/2020|2020-07-17|EPI_ISL_653431|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WA-UW-12361/2020|2020-06-27|EPI_ISL_570514|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/UT-UPHL-2009494/2020|2020-07-18|EPI_ISL_605178|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC12814/2020|2020-07-30|EPI_ISL_641129|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A850BE/2020|2020-10-17|EPI_ISL_610521|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11968/2020|2020-07-27|EPI_ISL_591712|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT1338/2020|2020-03-19|EPI_ISL_511297|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-A029CD/2020|2020-09-29|EPI_ISL_584941|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13839/2020|2020-08-11|EPI_ISL_738613|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/IC-0450/2020|2020-10-00|EPI_ISL_768659|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NE-10933/2020|2020-05-04|EPI_ISL_466669|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/USA/MI-QDX-720/2020|2020-03-20|EPI_ISL_571453|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/GCVR-16FDE9/2020|2020-03-23|EPI_ISL_489650|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV13695/2020|2020-05-09|EPI_ISL_463021|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Belgium/reg-10191272/2020|2020-10-19|EPI_ISL_735182|Original|hCoV-19^^Overijse|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/South Africa/KRISP-K004338/2020|2020-10-28|EPI_ISL_660214|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Luxembourg/LNS4007359/2020|2020-10-09|EPI_ISL_740401|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-CB42CD/2020|2020-12-20|EPI_ISL_761022|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/4A75S1/2020|2020-04-04|EPI_ISL_481672|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/UT-UPHL-201226180/2020|2020-04-06|EPI_ISL_678522|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/AL-CDC-2-3693759/2020|2020-11-05|EPI_ISL_747045|Original|hCoV-19^^Alabama|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Belgium/RHA-0324177/2020|2020-03-24|EPI_ISL_420434|Original|hCoV-19^^Tertre|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-981D61/2020|2020-08-10|EPI_ISL_552779|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-INS-013/2020|2020-03-10|EPI_ISL_491463|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/England/MILK-B3867B/2020|2020-11-01|EPI_ISL_658758|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7749/2020|2020-10-19|EPI_ISL_618718|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9587ED/2020|2020-06-11|EPI_ISL_554684|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8782/2020|2020-10-26|EPI_ISL_626049|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-MPZ66737/2020|2020-04-09|EPI_ISL_767787|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Netherlands/ZH-RIVM-21018/2020|2020-12-09|EPI_ISL_791034|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-168876/2020|2020-04-01|EPI_ISL_494296|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4845/2020|2020-07-00|EPI_ISL_689967|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3891/2020|2020-07-13|EPI_ISL_520603|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NA_564/2020|2020-04-11|EPI_ISL_460729|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-QDX-2599/2020|2020-03-12|EPI_ISL_604968|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-CDPH006/2020|2020-03-24|EPI_ISL_515899|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/QEUA-A0C9E1/2020|2020-10-03|EPI_ISL_585002|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19510/2020|2020-11-17|EPI_ISL_783890|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18748/2020|2020-11-20|EPI_ISL_785087|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT0905/2020|2020-03-28|EPI_ISL_511162|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NY-NYCPHL-000589/2020|2020-03-10|EPI_ISL_632047|Original|hCoV-19^^New York|Human|New York Presbyterian Lower Manhattan|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MD-HP12153/2020|2020-12-26|EPI_ISL_791462|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Belgium/reg-0411469/2020|2020-04-11|EPI_ISL_476979|Original|hCoV-19^^Paal|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/VIC7850/2020|2020-07-27|EPI_ISL_564701|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/TK-YE63738d/2020|2020-03-00|EPI_ISL_582143|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/England/ALDP-BC67E8/2020|2020-11-22|EPI_ISL_721489|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21996/2020|2020-09-26|EPI_ISL_576219|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Spain/IB-IBV-2512/2020|2020-03-20|EPI_ISL_469001|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A47100/2020|2020-10-06|EPI_ISL_598479|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-777/2020|2020-04-07|EPI_ISL_545627|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4220/2020|2020-07-00|EPI_ISL_692458|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/RS-15273/2020|2020-07-17|EPI_ISL_729844|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/MILK-A7D57E/2020|2020-10-13|EPI_ISL_606538|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-844R2/2020|2020-11-21|EPI_ISL_708530|Original|hCoV-19^^S\u00e3o Paulo|Human|Secretaria Municipal de Saude de Fernand\u00f3polis|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Australia/VIC868/2020|2020-04-05|EPI_ISL_427123|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Spain/CT-IBV-97010112/2020|2020-11-12|EPI_ISL_683648|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-B3CC1B/2020|2020-11-01|EPI_ISL_679822|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3412/2020|2020-08-31|EPI_ISL_616171|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-GBCL-26629247/2020|2020-04-21|EPI_ISL_485235|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Peru/CAL-UPCH-0047/2020|2020-06-18|EPI_ISL_540938|Original|hCoV-19^^Callao|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Netherlands/NH-RIVM-20717/2020|2020-12-21|EPI_ISL_790783|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUEH-5EF47F/2020|2020-06-16|EPI_ISL_533249|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2229/2020|2020-03-19|EPI_ISL_500677|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/MILK-9F13C4/2020|2020-09-24|EPI_ISL_589589|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13204/2020|2020-08-26|EPI_ISL_788355|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B38CE2/2020|2020-11-01|EPI_ISL_659052|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CDDDB/2020|2020-12-10|EPI_ISL_731625|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3285/2020|2020-07-17|EPI_ISL_548310|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-4016/2020|2020-07-00|EPI_ISL_692257|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-6022/2020|2020-07-00|EPI_ISL_689134|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1605/2020|2020-09-24|EPI_ISL_605482|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000875/2020|2020-03-26|EPI_ISL_632947|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/BIRM-61C09/2020|2020-03-24|EPI_ISL_529221|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Scotland/CVR4438/2020|2020-09-19|EPI_ISL_585308|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR1452/2020|2020-04-02|EPI_ISL_433591|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-S475/2020|2020-04-01|EPI_ISL_434235|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/India/WB-S27/2020|2020-04-30|EPI_ISL_455656|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/MILK-A471C4/2020|2020-10-06|EPI_ISL_598493|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205121268/2020|2020-00-00|EPI_ISL_766387|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUEH-B12334/2020|2020-11-02|EPI_ISL_642583|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16277/2020|2020-11-16|EPI_ISL_714418|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21778/2020|2020-08-13|EPI_ISL_529896|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-DSHS-1767/2020|2020-06-20|EPI_ISL_710409|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-1733/2020|2020-03-30|EPI_ISL_622201|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/CA-0319111/2020|2020-03-19|EPI_ISL_420368|Original|hCoV-19^^Boussu|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-18221/2020|2020-11-11|EPI_ISL_784569|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wuhan/HB-WH4-209/2020|2020-03-19|EPI_ISL_454958|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Scotland/QEUEH-A00B23/2020|2020-10-02|EPI_ISL_585550|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11348/2020|2020-11-02|EPI_ISL_670856|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2462/2020|2020-08-03|EPI_ISL_617422|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A89F71/2020|2020-10-16|EPI_ISL_638834|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-4727/2020|2020-07-00|EPI_ISL_689863|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2D1419/2020|2020-03-18|EPI_ISL_512385|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-131/2020|2020-04-13|EPI_ISL_491935|Original|hCoV-19^^Guayas|Human|Centro de Investigaciones|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/USA/TX-HMH-6762/2020|2020-06-24|EPI_ISL_546225|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2664/2020|2020-06-29|EPI_ISL_521508|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20610/2020|2020-04-30|EPI_ISL_462692|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-C3C209/2020|2020-12-10|EPI_ISL_731179|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2353/2020|2020-08-10|EPI_ISL_617691|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-119/2020|2020-03-00|EPI_ISL_425176|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WY-WPHL-20061934/2020|2020-08-16|EPI_ISL_769900|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Germany/BY-ChVir-1530/2020|2020-02-00|EPI_ISL_450210|Original|hCoV-19^^Bavaria|Human|Department of Virology|Department of Virology|B\u00f6hmer|Germany

>Spike|hCoV-19/USA/AZ-TG296708/2020|2020-05-08|EPI_ISL_694244|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC13545/2020|2020-08-01|EPI_ISL_563744|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Equatorial Guinea/7432/2020|2020-05-11|EPI_ISL_648346|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/Denmark/DCGC-2390/2020|2020-08-10|EPI_ISL_617571|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-UW-361/2020|2020-04-18|EPI_ISL_450715|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-S2783/2020|2020-08-10|EPI_ISL_530140|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/NOTT-11294B/2020|2020-04-20|EPI_ISL_493565|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4973C5/2020|2020-11-27|EPI_ISL_726823|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20055/2020|2020-11-13|EPI_ISL_723239|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/EDB964/2020|2020-04-06|EPI_ISL_432891|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-1945/2020|2020-04-00|EPI_ISL_685551|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1186/2020|2020-04-20|EPI_ISL_477276|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-B7BFBD/2020|2020-11-14|EPI_ISL_668181|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1E27/2020|2020-11-18|EPI_ISL_719996|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH360/2020|2020-04-23|EPI_ISL_513137|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/CA-CZB-1431/2020|2020-03-24|EPI_ISL_468401|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/ALDP-A6DD00/2020|2020-10-14|EPI_ISL_607138|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8420/2020|2020-10-26|EPI_ISL_617923|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-125BB8/2020|2020-03-29|EPI_ISL_443806|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020324092/2020|2020-09-03|EPI_ISL_569637|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Hungary/UD-94349/2020|2020-10-08|EPI_ISL_678390|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/India/MH-ACTREC-117/2020|2020-05-25|EPI_ISL_699773|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Australia/VIC17549/2020|2020-08-24|EPI_ISL_663919|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-H12-43/2020|2020-04-06|EPI_ISL_529978|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/NORT-288596/2020|2020-12-05|EPI_ISL_725024|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/SHEF-C00A2/2020|2020-03-20|EPI_ISL_420286|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/20144024404/2020|2020-03-26|EPI_ISL_423533|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1078/2020|2020-06-16|EPI_ISL_628724|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LOND-1251AFE/2020|2020-11-22|EPI_ISL_704102|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/CAMC-B226DE/2020|2020-11-02|EPI_ISL_647298|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9502F3/2020|2020-06-16|EPI_ISL_555291|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CABD/2020|2020-11-01|EPI_ISL_723527|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Panama/337467/2020|2020-07-04|EPI_ISL_496861|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Denmark/ALAB-SSI411A/2020|2020-03-23|EPI_ISL_429506|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/LOND-1251760/2020|2020-11-21|EPI_ISL_679432|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-18957/2020|2020-09-05|EPI_ISL_547789|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-9004/2020|2020-10-26|EPI_ISL_626205|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-WSLH-200157/2020|2020-03-31|EPI_ISL_578384|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUEH-96157E/2020|2020-08-03|EPI_ISL_537147|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CD6B/2020|2020-10-15|EPI_ISL_608240|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12276/2020|2020-09-24|EPI_ISL_790279|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-0057/2020|2020-03-31|EPI_ISL_426465|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/France/ARA-24935/2020|2020-04-14|EPI_ISL_676551|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUEH-A00947/2020|2020-09-30|EPI_ISL_600262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_SIBL-7/2020|2020-06-30|EPI_ISL_774938|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Japan/PG-3438/2020|2020-06-00|EPI_ISL_690616|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B7CC7/2020|2020-10-23|EPI_ISL_705540|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/India/WB-IICB-031/2020|2020-10-29|EPI_ISL_661304|Original|hCoV-19^^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India

>Spike|hCoV-19/Scotland/QEUA-A00AAE/2020|2020-10-02|EPI_ISL_585545|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MD-HP12102/2020|2020-12-24|EPI_ISL_791420|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/MILK-ACCCB7/2020|2020-10-21|EPI_ISL_630154|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF713/2020|2020-10-23|EPI_ISL_631208|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C04A02/2020|2020-12-04|EPI_ISL_720825|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-55336A/2020|2020-05-12|EPI_ISL_532157|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0216/2020|2020-11-19|EPI_ISL_747451|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/QEUA-9ACF00/2020|2020-09-02|EPI_ISL_559815|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A92A47/2020|2020-10-19|EPI_ISL_611072|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR125/2020|2020-03-14|EPI_ISL_425668|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9342/2020|2020-07-03|EPI_ISL_781069|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B84ACF/2020|2020-11-14|EPI_ISL_674400|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2712/2020|2020-06-25|EPI_ISL_525702|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/UT-UPHL-2012067652/2020|2020-08-11|EPI_ISL_745952|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC2882/2020|2020-06-29|EPI_ISL_521713|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9D0D18/2020|2020-09-14|EPI_ISL_589924|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B59717/2020|2020-11-06|EPI_ISL_679860|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-953D59/2020|2020-06-12|EPI_ISL_554475|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S193/2020|2020-03-19|EPI_ISL_430231|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/India/WB-S13/2020|2020-03-30|EPI_ISL_455643|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/CAMC-B541C3/2020|2020-11-08|EPI_ISL_656899|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1BD6A/2020|2020-11-01|EPI_ISL_646082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2D647/2020|2020-04-04|EPI_ISL_446007|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1091/2020|2020-05-14|EPI_ISL_615130|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-11396/2020|2020-11-02|EPI_ISL_670542|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21806/2020|2020-12-21|EPI_ISL_758375|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A912D7/2020|2020-10-16|EPI_ISL_638520|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-A7A0AD/2020|2020-10-15|EPI_ISL_606774|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22311/2020|2020-12-14|EPI_ISL_758670|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-2048/2020|2020-11-05|EPI_ISL_654729|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/CA-QDX-692/2020|2020-03-20|EPI_ISL_571411|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC9901/2020|2020-08-24|EPI_ISL_562750|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B76EF1/2020|2020-11-12|EPI_ISL_723826|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22153/2020|2020-12-14|EPI_ISL_758590|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL977/2020|2020-08-18|EPI_ISL_653668|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/EDB3330/2020|2020-04-09|EPI_ISL_487770|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1827/2020|2020-09-09|EPI_ISL_605699|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC15262/2020|2020-08-25|EPI_ISL_592849|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-A1FB12/2020|2020-10-01|EPI_ISL_598987|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UN-UW-5620/2020|2020-04-08|EPI_ISL_461437|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Italy/VEN-UniVR-46/2020|2020-03-12|EPI_ISL_751356|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Canada/BC_00576317/2020|2020-04-00|EPI_ISL_466696|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/EXET-13F2F2/2020|2020-12-16|EPI_ISL_763434|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/NV-QDX-419/2020|2020-03-18|EPI_ISL_571249|Original|hCoV-19^^Nevada|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/UT-UPHL-201011129/2020|2020-06-20|EPI_ISL_611499|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR2623/2020|2020-04-17|EPI_ISL_484620|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-S2133/2020|2020-06-08|EPI_ISL_497561|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-9D3F5B/2020|2020-09-18|EPI_ISL_601568|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10255/2020|2020-07-17|EPI_ISL_515062|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-65D94F/2020|2020-07-03|EPI_ISL_555518|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACD621/2020|2020-10-20|EPI_ISL_630085|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E11E/2020|2020-10-06|EPI_ISL_586699|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00235424/2020|2020-03-24|EPI_ISL_536097|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-16282/2020|2020-11-16|EPI_ISL_714681|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC748/2020|2020-03-20|EPI_ISL_451463|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Australia/VIC5219/2020|2020-07-17|EPI_ISL_519984|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Finland/8LS12G9/2020|2020-10-08|EPI_ISL_755972|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/IN-CDC-2-3693679/2020|2020-11-07|EPI_ISL_747085|Original|hCoV-19^^Indiana|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/20130062904/2020|2020-03-21|EPI_ISL_423644|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BB53/2020|2020-10-28|EPI_ISL_666329|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-553/2020|2020-09-08|EPI_ISL_577981|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-5045/2020|2020-09-21|EPI_ISL_621822|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7447/2020|2020-07-00|EPI_ISL_688549|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-7923/2020|2020-06-30|EPI_ISL_545709|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03664/2020|2020-11-00|EPI_ISL_775102|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUA-AD5B81/2020|2020-10-25|EPI_ISL_634671|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1020B2/2020|2020-03-21|EPI_ISL_441377|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir8332/2020|2020-08-04|EPI_ISL_729585|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Scotland/QEUA-A1E06F/2020|2020-10-01|EPI_ISL_598905|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1262/2020|2020-12-18|EPI_ISL_740893|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC12952/2020|2020-07-30|EPI_ISL_592121|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18494/2020|2020-11-20|EPI_ISL_784842|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/13M83/2020|2020-03-13|EPI_ISL_418400|Original|hCoV-19^^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/PORT-2EE65F/2020|2020-11-15|EPI_ISL_741720|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-A67F2E/2020|2020-10-12|EPI_ISL_608574|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99011526/2020|2020-12-18|EPI_ISL_779866|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-BDBDB1/2020|2020-11-26|EPI_ISL_709742|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16703/2020|2020-08-06|EPI_ISL_640516|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15066/2020|2020-11-23|EPI_ISL_713198|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/VHC-030655/2020|2020-03-06|EPI_ISL_420449|Original|hCoV-19^^Dalhem|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Ireland/D-NVRL-MPS28551/2020|2020-04-11|EPI_ISL_767747|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/MILK-99D63A/2020|2020-08-31|EPI_ISL_549888|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8D282/2020|2020-11-13|EPI_ISL_674069|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0118/2020|2020-03-24|EPI_ISL_569318|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a0Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/OXON-ADF9F/2020|2020-00-00|EPI_ISL_448651|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4626/2020|2020-09-21|EPI_ISL_621295|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-7474FB/2020|2020-06-29|EPI_ISL_557449|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006230/2020|2020-04-14|EPI_ISL_537376|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/LIVE-AA150/2020|2020-03-23|EPI_ISL_517409|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C22FE1/2020|2020-12-06|EPI_ISL_767242|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10508/2020|2020-06-08|EPI_ISL_570324|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LOND-DAD17/2020|2020-11-14|EPI_ISL_724704|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Portugal/PT1281/2020|2020-03-23|EPI_ISL_511242|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) |Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-482794/2020|2020-10-19|EPI_ISL_613241|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A06668/2020|2020-10-01|EPI_ISL_600100|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/5186/2020|2020-10-28|EPI_ISL_708048|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/QEUH-B4068F/2020|2020-11-08|EPI_ISL_657210|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DA20/2020|2020-09-18|EPI_ISL_577480|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0085/2020|2020-07-00|EPI_ISL_591427|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-10639/2020|2020-07-08|EPI_ISL_789571|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/SAP049/2020|2020-03-24|EPI_ISL_451088|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Canada/ON-S216/2020|2020-03-26|EPI_ISL_755821|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/LIVE-994B5/2020|2020-04-08|EPI_ISL_439728|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-1853D48/2020|2020-04-27|EPI_ISL_492245|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-INS-001/2020|2020-04-01|EPI_ISL_545955|unknown|hCoV-19^^Lima|Human|Laboratorio de Infecciones Respiratorias Agudas. Centro Nacional de Salud Publica, Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas. Centro Nacional de Salud Publica, Instituto Nacional de Salud|Lopez|Peru

>Spike|hCoV-19/Australia/VIC15958/2020|2020-08-01|EPI_ISL_641141|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A4D850/2020|2020-10-07|EPI_ISL_627286|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1696/2020|2020-03-18|EPI_ISL_776101|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-AB7A2E/2020|2020-10-22|EPI_ISL_623297|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1691/2020|2020-05-22|EPI_ISL_708610|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/201360111/2020|2020-03-25|EPI_ISL_423212|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-AAE635/2020|2020-10-22|EPI_ISL_630733|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-121879/2020|2020-03-09|EPI_ISL_440178|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC12062/2020|2020-08-10|EPI_ISL_640817|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC9163/2020|2020-08-20|EPI_ISL_565420|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-1668F0/2020|2020-06-27|EPI_ISL_494058|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AF4E0B/2020|2020-10-30|EPI_ISL_663137|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B5308/2020|2020-09-03|EPI_ISL_590426|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B5A6/2020|2020-04-10|EPI_ISL_445730|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Gambia/GC19-2707/2020|2020-07-21|EPI_ISL_561134|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/ALDP-C8959B/2020|2020-12-16|EPI_ISL_756465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC22E/2020|2020-10-21|EPI_ISL_629142|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204620001_RPT/2020|2020-11-09|EPI_ISL_636735|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/France/ARA-SC098/2020|2020-03-16|EPI_ISL_666684|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-13041/2020|2020-11-30|EPI_ISL_712131|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B0913/2020|2020-04-21|EPI_ISL_478920|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D9CC/2020|2020-10-06|EPI_ISL_586631|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7499/2020|2020-08-00|EPI_ISL_688601|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-638555/2020|2020-07-04|EPI_ISL_556205|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7081/2020|2020-10-12|EPI_ISL_619129|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22195/2020|2020-10-20|EPI_ISL_614246|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/France/PAC-IHU-0592/2020|2020-04-10|EPI_ISL_569608|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUH-A8C3BE/2020|2020-10-18|EPI_ISL_643156|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B738E7/2020|2020-11-12|EPI_ISL_662575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1121/2020|2020-05-04|EPI_ISL_463611|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Northern Ireland/NIRE-10733C/2020|2020-03-30|EPI_ISL_585139|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0039/2020|2020-05-17|EPI_ISL_698248|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Sweden/20-50249/2020|2020-03-08|EPI_ISL_455888|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMB-798EC/2020|2020-04-01|EPI_ISL_441082|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC762/2020|2020-03-20|EPI_ISL_451476|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14270/2020|2020-10-05|EPI_ISL_787555|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00234990/2020|2020-03-24|EPI_ISL_536082|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-HMH-3360/2020|2020-06-12|EPI_ISL_544145|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Turkey/HSGM-8964/2020|2020-03-22|EPI_ISL_428723|Original|hCoV-19^^Aksaray|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Germany/SH-ChVir8596/2020|2020-08-19|EPI_ISL_729590|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Netherlands/ZH-EMC-907/2020|2020-11-03|EPI_ISL_722702|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC12930/2020|2020-07-31|EPI_ISL_640951|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E6711/2020|2020-09-24|EPI_ISL_580491|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Croatia/Zagreb-25/2020|2020-09-28|EPI_ISL_710565|Original|hCoV-19^^Zagreb|Human|University Hospital Dubrava|Ru\u0111er Bo\u0161kovic Institute; Forensic Science Centre Ivan Vu\u010deti\u0107; University of Zagreb Faculty of Science|Karlic|Croatia

>Spike|hCoV-19/England/CAMB-7D46C/2020|2020-04-05|EPI_ISL_441667|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC1632/2020|2020-05-05|EPI_ISL_456537|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A0D92/2020|2020-05-27|EPI_ISL_478397|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2ABC3/2020|2020-04-05|EPI_ISL_445676|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AF28A5/2020|2020-10-30|EPI_ISL_662874|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13575/2020|2020-08-21|EPI_ISL_788685|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/201360067/2020|2020-03-24|EPI_ISL_423207|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/IC-0408/2020|2020-12-00|EPI_ISL_737208|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S1990/2020|2020-06-04|EPI_ISL_497418|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/UT-UPHL-2008800/2020|2020-05-29|EPI_ISL_524826|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-1579/2020|2020-04-00|EPI_ISL_685185|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-001387/2020|2020-11-17|EPI_ISL_683992|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/QEUH-A4BBE0/2020|2020-10-08|EPI_ISL_628515|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0317/2020|2020-10-19|EPI_ISL_633093|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/LOND-D56F3/2020|2020-04-16|EPI_ISL_449716|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Singapore/595/2020|2020-06-26|EPI_ISL_483618|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Suriname/SR-01/2020|2020-05-00|EPI_ISL_517612|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f6niger|Suriname

>Spike|hCoV-19/England/HECH-259A264/2020|2020-05-26|EPI_ISL_488865|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B1107A/2020|2020-11-03|EPI_ISL_642004|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20800/2020|2020-12-21|EPI_ISL_790859|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-SEARCH-5537/2020|2020-11-30|EPI_ISL_755283|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/VA-DCLS-0253/2020|2020-04-20|EPI_ISL_452827|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Brazil/MA-IEC-165425/2020|2020-04-25|EPI_ISL_524794|Original|hCoV-19^^Maranh\u00e3o|Human|\uffeffEvandro Chagas Institute|\uffeffEvandro Chagas Institute|Sousa J\u00fanior|Brazil

>Spike|hCoV-19/USA/FL-BPHL-2061/2020|2020-06-11|EPI_ISL_653214|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-94FE02/2020|2020-06-15|EPI_ISL_555206|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9E34A/2020|2020-04-02|EPI_ISL_453291|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/ON-OICR-SLB2827/2020|2020-04-02|EPI_ISL_538353|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC21695/2020|2020-03-24|EPI_ISL_529814|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC12726/2020|2020-07-29|EPI_ISL_640450|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MD-HP00083/2020|2020-03-24|EPI_ISL_438239|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Mehoke|USA

>Spike|hCoV-19/England/NORW-F39F6/2020|2020-12-06|EPI_ISL_725148|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-A9FA3B/2020|2020-10-20|EPI_ISL_665988|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-3679/2020|2020-04-00|EPI_ISL_691932|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-2035/2020|2020-07-20|EPI_ISL_618326|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20294/2020|2020-03-20|EPI_ISL_447091|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB4883/2020|2020-05-13|EPI_ISL_453171|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/204683210/2020|2020-11-13|EPI_ISL_693431|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0377/2020|2020-10-26|EPI_ISL_660100|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Wales/PHWC-25F44/2020|2020-03-25|EPI_ISL_422029|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20098017504/2020|2020-02-27|EPI_ISL_464194|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/United Arab Emirates/1003/2020|2020-06-10|EPI_ISL_699135|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-6C9E9A/2020|2020-07-02|EPI_ISL_556299|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5930/2020|2020-09-10|EPI_ISL_567844|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14195/2020|2020-11-30|EPI_ISL_711618|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC1604/2020|2020-05-10|EPI_ISL_456516|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/20148041104/2020|2020-04-02|EPI_ISL_423590|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-28B1EA/2020|2020-04-18|EPI_ISL_492928|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5335/2020|2020-09-14|EPI_ISL_615266|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-98007609/2020|2020-09-04|EPI_ISL_582059|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NOTT-1161E5/2020|2020-10-19|EPI_ISL_595309|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/South Korea/S1/2020|2020-03-25|EPI_ISL_485392|Original|hCoV-19^^Uijeongbu|Human|University of Ulsan College of Medicine and Asan Medical Center|University of Ulsan College of Medicine and Asan Medical Center|Yoon|South Korea

>Spike|hCoV-19/Scotland/EDB4494/2020|2020-05-05|EPI_ISL_456944|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00157/2020|2020-04-03|EPI_ISL_791625|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Australia/VIC4274/2020|2020-07-13|EPI_ISL_519602|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-12A834/2020|2020-04-29|EPI_ISL_458474|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC144/2020|2020-05-05|EPI_ISL_700408|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH342/2020|2020-04-24|EPI_ISL_513129|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Wales/PHWC-48CE2C/2020|2020-11-07|EPI_ISL_666545|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5809/2020|2020-08-28|EPI_ISL_590319|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5891/2020|2020-06-30|EPI_ISL_547089|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B20FD5/2020|2020-11-02|EPI_ISL_647463|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-OICR-SLB2853/2020|2020-04-07|EPI_ISL_538372|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/LA-SR0174/2020|2020-04-04|EPI_ISL_435472|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-778B1/2020|2020-03-31|EPI_ISL_439441|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D294/2020|2020-03-27|EPI_ISL_472693|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7BB23/2020|2020-10-15|EPI_ISL_607395|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/SA-EIJK13/2020|2020-03-24|EPI_ISL_574604|Original|hCoV-19^^North Sulawesi|Human|RSUP Prof. Dr. R. Kandou Manado|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/USA/NY-NYUMC91/2020|2020-03-18|EPI_ISL_421592|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMC-BBC9B2/2020|2020-11-21|EPI_ISL_679261|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49984C/2020|2020-12-03|EPI_ISL_727365|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E0AF/2020|2020-09-25|EPI_ISL_595402|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-53861/2020|2020-12-14|EPI_ISL_789040|Original|hCoV-19^^Uppsala|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Northern Ireland/NIRE-106B80/2020|2020-05-18|EPI_ISL_501067|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17697/2020|2020-12-14|EPI_ISL_751153|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-GBCL-26492486/2020|2020-04-25|EPI_ISL_485876|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Spain/RI-IBV-005952/2020|2020-03-27|EPI_ISL_500386|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC298/2020|2020-03-23|EPI_ISL_419989|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/NORT-1B72478/2020|2020-11-30|EPI_ISL_724882|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Malaysia/MGI-G812/2020|2020-04-07|EPI_ISL_568874|Original|hCoV-19^^Selangor|Human|Malaysia Genome Institute|Malaysia Genome Institute|Mat Isa|Malaysia

>Spike|hCoV-19/England/ALDP-71D072/2020|2020-07-01|EPI_ISL_557593|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-W903/2020|2020-07-14|EPI_ISL_528834|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Denmark/DCGC-6253/2020|2020-10-05|EPI_ISL_620013|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A4FFB3/2020|2020-10-07|EPI_ISL_597553|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204622815/2020|2020-11-10|EPI_ISL_700606|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Belgium/reg-09171048/2020|2020-09-17|EPI_ISL_734973|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-488BED/2020|2020-11-02|EPI_ISL_639479|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12074/2020|2020-09-22|EPI_ISL_790192|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1672/2020|2020-04-06|EPI_ISL_560759|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC6689/2020|2020-07-20|EPI_ISL_521445|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21770/2020|2020-08-13|EPI_ISL_529888|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-B7EC86/2020|2020-11-14|EPI_ISL_661905|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-659/2020|2020-03-28|EPI_ISL_437026|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-21954/2020|2020-12-21|EPI_ISL_758475|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-12859/2020|2020-10-12|EPI_ISL_648515|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21857/2020|2020-05-04|EPI_ISL_565900|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/VA-DCLS-2507/2020|2020-11-16|EPI_ISL_734282|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC12881/2020|2020-07-23|EPI_ISL_592100|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/regA-0630828/2020|2020-06-30|EPI_ISL_734787|Original|hCoV-19^^Schaerbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Netherlands/GR-RIVM-20425/2020|2020-12-01|EPI_ISL_728645|Original|hCoV-19^^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Spain/VC-FISABIO-96/2020|2020-03-17|EPI_ISL_425220|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Gibraltar/204841738/2020|2020-00-00|EPI_ISL_671305|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-9555B9/2020|2020-06-12|EPI_ISL_553479|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-975D24/2020|2020-08-20|EPI_ISL_552725|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00441/2020|2020-03-05|EPI_ISL_460428|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/IL-NM-1242/2020|2020-06-24|EPI_ISL_626510|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/MILK-A05872/2020|2020-10-01|EPI_ISL_599998|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001215/2020|2020-11-04|EPI_ISL_683848|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/WA-S1900/2020|2020-05-28|EPI_ISL_496326|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-2F1F9/2020|2020-04-06|EPI_ISL_446217|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14854/2020|2020-10-13|EPI_ISL_786338|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LEED-2A9438/2020|2020-04-09|EPI_ISL_538883|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG532103/2020|2020-07-01|EPI_ISL_695416|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-12565/2020|2020-11-16|EPI_ISL_682746|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A9F1FA/2020|2020-10-20|EPI_ISL_652677|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/LIVE-AA74F/2020|2020-03-24|EPI_ISL_517495|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACEFC/2020|2020-04-24|EPI_ISL_489551|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UNKNOWN-UW-31229/2020|2020-10-13|EPI_ISL_735466|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C57FE3/2020|2020-12-14|EPI_ISL_735889|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20073/2020|2020-03-24|EPI_ISL_437160|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Belgium/rega-10191222/2020|2020-10-19|EPI_ISL_735163|Original|hCoV-19^^Sint-Joris-Weert|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CZB-2216/2020|2020-05-28|EPI_ISL_513764|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-BC62C9/2020|2020-11-23|EPI_ISL_721230|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12434/2020|2020-11-16|EPI_ISL_682615|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-169FBC/2020|2020-08-11|EPI_ISL_529297|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1723/2020|2020-07-24|EPI_ISL_526014|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-350209/2020|2020-10-30|EPI_ISL_693857|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-9DAEEE/2020|2020-09-22|EPI_ISL_601120|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WHCM2-270/2020|2020-03-02|EPI_ISL_455005|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Iceland/34/2020|2020-03-03|EPI_ISL_417843|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/MI-MDHHS-SC22354/2020|2020-11-12|EPI_ISL_708334|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/SHEF-10D14AF/2020|2020-12-19|EPI_ISL_765181|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NOTT-11C291/2020|2020-11-16|EPI_ISL_665901|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-4630/2020|2020-07-00|EPI_ISL_689767|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG670235/2020|2020-03-27|EPI_ISL_696415|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/LOND-D473D/2020|2020-04-09|EPI_ISL_444148|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-958677/2020|2020-06-10|EPI_ISL_554839|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/4LS8A9/2020|2020-08-08|EPI_ISL_756007|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH497/2020|2020-04-09|EPI_ISL_512939|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-20177/2020|2020-11-30|EPI_ISL_748029|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-245/2020|2020-07-06|EPI_ISL_487385|Original|hCoV-19^^Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/UT-UPHL-01393/2020|2020-04-04|EPI_ISL_575048|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21595/2020|2020-03-26|EPI_ISL_516322|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Spain/CN-IBV-97006486/2020|2020-03-25|EPI_ISL_537701|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/South Africa/KRISP-K001394/2020|2020-07-18|EPI_ISL_515878|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-19664/2020|2020-12-07|EPI_ISL_749095|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Uganda/UG094/2020|2020-08-15|EPI_ISL_738002|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/Scotland/QEUA-AAB1CE/2020|2020-10-21|EPI_ISL_651529|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORT-299019/2020|2020-04-22|EPI_ISL_493480|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC6416/2020|2020-07-23|EPI_ISL_521208|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/ARA-63103/2020|2020-08-23|EPI_ISL_692759|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Switzerland/BS-42260094/2020|2020-05-07|EPI_ISL_581927|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/NORT-28357D/2020|2020-03-31|EPI_ISL_478497|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F0A8/2020|2020-12-09|EPI_ISL_743164|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-C61238/2020|2020-12-13|EPI_ISL_735657|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4345/2020|2020-09-07|EPI_ISL_615547|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-BC38CA/2020|2020-11-25|EPI_ISL_710760|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B0403/2020|2020-04-10|EPI_ISL_478878|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-B677BC/2020|2020-11-11|EPI_ISL_661398|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13505/2020|2020-08-22|EPI_ISL_788633|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-840F5/2020|2020-04-26|EPI_ISL_438737|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-A5960C/2020|2020-10-09|EPI_ISL_596997|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A8238B/2020|2020-10-11|EPI_ISL_610905|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EAF60/2020|2020-09-24|EPI_ISL_580071|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-ChVir1611/2020|2020-02-26|EPI_ISL_729475|Original|hCoV-19^^Baden-Wuerttemberg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-99590C/2020|2020-08-23|EPI_ISL_551719|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-965950/2020|2020-08-12|EPI_ISL_531026|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11869/2020|2020-10-26|EPI_ISL_671189|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/CVL-IPP9554/2020|2020-11-02|EPI_ISL_660324|Original|hCoV-19^^Centre-Val de Loire|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Switzerland/BL-ETHZ-100081/2020|2020-03-13|EPI_ISL_451673|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-AF573C/2020|2020-10-30|EPI_ISL_663129|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0748/2020|2020-06-22|EPI_ISL_512554|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-19432/2020|2020-12-07|EPI_ISL_748941|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-1640/2020|2020-08-20|EPI_ISL_614043|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-80D5C/2020|2020-04-09|EPI_ISL_442960|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005928/2020|2020-03-25|EPI_ISL_537463|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/LA-EVTL756/2020|2020-07-20|EPI_ISL_653447|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15267/2020|2020-10-19|EPI_ISL_786751|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A4FA0D/2020|2020-10-07|EPI_ISL_597579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10644/2020|2020-11-02|EPI_ISL_669602|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1546/2020|2020-06-22|EPI_ISL_681875|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-A6C68E/2020|2020-10-15|EPI_ISL_608261|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B07684/2020|2020-10-30|EPI_ISL_643959|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1165/2020|2020-12-10|EPI_ISL_768434|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-4B0F2C/2020|2020-06-04|EPI_ISL_559163|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1921/2020|2020-03-16|EPI_ISL_604252|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/SHEF-C2705/2020|2020-10-11|EPI_ISL_596193|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/India/UN-4507/2020|2020-00-00|EPI_ISL_490104|Original|hCoV-19^^India|Human|CSIR-CDRI/SGPGI|CSIR-CDRI/SGPGI|Singh|India

>Spike|hCoV-19/Netherlands/ZH-EMC-902/2020|2020-10-27|EPI_ISL_632792|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-496D13/2020|2020-11-24|EPI_ISL_726718|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/SP-L14-CD239/2020|2020-03-26|EPI_ISL_476243|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/IN-CDC-2-3713970/2020|2020-12-04|EPI_ISL_751672|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/QEUA-9DD917/2020|2020-09-21|EPI_ISL_599615|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCC64/2020|2020-10-01|EPI_ISL_587934|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACBDB5/2020|2020-10-20|EPI_ISL_629214|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A64DBE/2020|2020-10-11|EPI_ISL_608637|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3897/2020|2020-05-01|EPI_ISL_439360|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/NORT-283FBB/2020|2020-04-24|EPI_ISL_488632|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4550/2020|2020-10-22|EPI_ISL_625227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033792567/2020|2020-03-27|EPI_ISL_578116|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Wales/PHWC-4945D1/2020|2020-11-20|EPI_ISL_726140|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3191F/2020|2020-11-04|EPI_ISL_646210|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7830A/2020|2020-00-00|EPI_ISL_433716|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-A923B5/2020|2020-10-19|EPI_ISL_611100|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2077/2020|2020-04-09|EPI_ISL_456364|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Switzerland/GE-SNRCI-8290/2020|2020-03-00|EPI_ISL_548220|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/France/ARA-32910/2020|2020-04-30|EPI_ISL_678541|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-B74154/2020|2020-11-12|EPI_ISL_664483|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-951298/2020|2020-06-14|EPI_ISL_554507|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201380042/2020|2020-03-25|EPI_ISL_421804|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A418B6/2020|2020-10-06|EPI_ISL_609333|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D41D5/2020|2020-04-06|EPI_ISL_444099|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13034/2020|2020-09-08|EPI_ISL_788185|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BCA025/2020|2020-11-23|EPI_ISL_703397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-HUVH-VH7280/2020|2020-04-06|EPI_ISL_444973|Original|hCoV-19^^Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain

>Spike|hCoV-19/Switzerland/ZH-ETHZ-350339/2020|2020-11-03|EPI_ISL_728781|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-5057/2020|2020-09-21|EPI_ISL_621595|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-2359AB/2020|2020-11-10|EPI_ISL_742170|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2272/2020|2020-11-16|EPI_ISL_723513|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/CA-CZB-11511/2020|2020-08-02|EPI_ISL_625584|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Shandong/LY006-2/2020|2020-01-25|EPI_ISL_414939|Original|hCoV-19^^Shandong|Human|Shandong Provincial Center for Disease Control and Prevention|Beijing Institute of Microbiology and Epidemiology|Ma|China

>Spike|hCoV-19/Germany/BB-RKI-NP-0057/2020|2020-12-14|EPI_ISL_763056|Original|hCoV-19^^Brandenburg|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/Wales/PHWC-49BE75/2020|2020-12-06|EPI_ISL_742475|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/GE-ETHZ-340103/2020|2020-10-26|EPI_ISL_721810|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/583/2020|2020-05-19|EPI_ISL_483606|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/201040073/2020|2020-03-03|EPI_ISL_464318|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B84160/2020|2020-11-14|EPI_ISL_675130|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15749/2020|2020-11-23|EPI_ISL_713997|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/NS-NML-1211/2020|2020-04-03|EPI_ISL_579609|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/ALDP-A51E84/2020|2020-10-07|EPI_ISL_597983|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-281621/2020|2020-03-17|EPI_ISL_488774|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12BD43/2020|2020-05-09|EPI_ISL_469397|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6431/2020|2020-07-24|EPI_ISL_521222|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49D08C/2020|2020-12-10|EPI_ISL_742728|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14659/2020|2020-11-23|EPI_ISL_711429|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17057/2020|2020-12-14|EPI_ISL_750735|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2100015827/2020|2020-11-20|EPI_ISL_771316|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-59EA8C/2020|2020-06-13|EPI_ISL_558792|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/DC-INS-027/2020|2020-08-18|EPI_ISL_526969|Original|hCoV-19^^Bogota|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/USA/MI-MDHHS-SC20922/2020|2020-05-26|EPI_ISL_476058|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Northern Ireland/NIRE-103752/2020|2020-04-16|EPI_ISL_489190|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C2884/2020|2020-04-27|EPI_ISL_457894|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Canada/ON-S100/2020|2020-03-21|EPI_ISL_586279|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-B24108/2020|2020-11-04|EPI_ISL_646356|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B1220A/2020|2020-11-02|EPI_ISL_642347|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7144/2020|2020-08-00|EPI_ISL_688249|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14460/2020|2020-10-08|EPI_ISL_787745|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/ABR-IZSGC-TE13491/2020|2020-04-08|EPI_ISL_435148|Original|hCoV-19^^Abruzzo|Human|Ospedale SS Annunziata|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/USA/TX-DSHS-0087/2020|2020-05-24|EPI_ISL_522372|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-12381/2020|2020-11-16|EPI_ISL_682562|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10706/2020|2020-10-26|EPI_ISL_636678|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUEH-A4CF2F/2020|2020-10-05|EPI_ISL_596068|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200466/2020|2020-05-18|EPI_ISL_578608|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Japan/PG-2471/2020|2020-05-00|EPI_ISL_686076|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC7690/2020|2020-08-02|EPI_ISL_564579|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-E13/2020|2020-05-05|EPI_ISL_593493|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/MILK-BA9F5C/2020|2020-11-17|EPI_ISL_681561|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B4659B/2020|2020-11-07|EPI_ISL_656014|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14942/2020|2020-11-23|EPI_ISL_713273|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-295129/2020|2020-03-30|EPI_ISL_478631|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-290354-01/2020|2020-12-16|EPI_ISL_765540|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Scotland/QEUH-B9E628/2020|2020-11-18|EPI_ISL_757222|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-49E258/2020|2020-12-07|EPI_ISL_742974|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/BRIS-1250C8/2020|2020-03-27|EPI_ISL_443728|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/QEUH-B2D59A/2020|2020-11-04|EPI_ISL_659792|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NJ-NYUMC329/2020|2020-04-02|EPI_ISL_430356|Original|hCoV-19^^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/Luxembourg/LNS4470394/2020|2020-11-01|EPI_ISL_740477|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/QEUH-A9E5FF/2020|2020-10-20|EPI_ISL_727803|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Singapore/375/2020|2020-03-19|EPI_ISL_469124|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Luxembourg/LNS1113037/2020|2020-11-25|EPI_ISL_739890|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/CAMC-B7792C/2020|2020-11-11|EPI_ISL_661869|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-9B99A8/2020|2020-09-07|EPI_ISL_549731|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BL-UHB-42203375/2020|2020-03-22|EPI_ISL_528352|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/England/QEUH-9C8232/2020|2020-09-11|EPI_ISL_567191|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LOND-12604FE/2020|2020-04-07|EPI_ISL_524664|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/ME-HETL-J0206/2020|2020-09-21|EPI_ISL_755373|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/England/CAMB-1AD74B/2020|2020-05-01|EPI_ISL_448002|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/England/CAMC-B22489/2020|2020-11-03|EPI_ISL_647204|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC4522/2020|2020-07-17|EPI_ISL_518933|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/OXON-B2B2A/2020|2020-04-09|EPI_ISL_534795|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3806/2020|2020-08-24|EPI_ISL_622676|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-QDX-2295/2020|2020-03-13|EPI_ISL_604611|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-746/2020|2020-03-02|EPI_ISL_613541|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-6B4CA7/2020|2020-07-01|EPI_ISL_581433|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB5931/2020|2020-11-20|EPI_ISL_702686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200177/2020|2020-07-29|EPI_ISL_752737|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-4200/2020|2020-09-14|EPI_ISL_622093|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-MDH-0087/2020|2020-05-26|EPI_ISL_509491|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/England/QEUEH-961A7F/2020|2020-08-02|EPI_ISL_536976|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4775/2020|2020-08-00|EPI_ISL_689911|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC5503/2020|2020-07-21|EPI_ISL_518339|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1406/2020|2020-05-19|EPI_ISL_495856|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-B83B54/2020|2020-11-14|EPI_ISL_675686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8682/2020|2020-09-00|EPI_ISL_686278|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14102/2020|2020-11-30|EPI_ISL_711569|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6521/2020|2020-10-05|EPI_ISL_619421|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Zeeland_10/2020|2020-03-24|EPI_ISL_461248|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-3641/2020|2020-08-31|EPI_ISL_615412|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9B753D/2020|2020-09-06|EPI_ISL_590630|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205140903/2020|2020-12-14|EPI_ISL_766403|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5744578/2020|2020-10-31|EPI_ISL_744290|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-AB220D/2020|2020-10-23|EPI_ISL_623664|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2078/2020|2020-04-00|EPI_ISL_685683|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-ACTREC-085/2020|2020-05-21|EPI_ISL_699741|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Ireland/WH-NVRL-75IRL78231/2020|2020-10-13|EPI_ISL_671936|Original|hCoV-19^^Westmeath|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUEH-A22226/2020|2020-10-01|EPI_ISL_587680|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8887/2020|2020-08-00|EPI_ISL_686433|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12AF5D/2020|2020-05-01|EPI_ISL_458458|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-6995/2020|2020-09-01|EPI_ISL_582922|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Norway/5467/2020|2020-10-31|EPI_ISL_708103|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/UT-UPHL-2012629112/2020|2020-08-08|EPI_ISL_746021|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Israel/701002540/2020|2020-03-25|EPI_ISL_447292|Original|hCoV-19^^South Coast District|Human|Microbiology Division|Stern Lab|Miller|Israel

>Spike|hCoV-19/Denmark/DCGC-19204/2020|2020-12-07|EPI_ISL_748814|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/NW-HHU-347/2020|2020-09-04|EPI_ISL_666634|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/NY-NYCPHL-000028/2020|2020-03-12|EPI_ISL_631524|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MI-QDX-1134/2020|2020-03-21|EPI_ISL_571864|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Russia/SVE-RII-MH1438S/2020|2020-09-06|EPI_ISL_596275|Original|hCoV-19^^Sverdlovsk|Human|HELIIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-13252/2020|2020-11-30|EPI_ISL_712261|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/Rega-0329230/2020|2020-03-29|EPI_ISL_458200|Original|hCoV-19^^Edingen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-49171A/2020|2020-11-05|EPI_ISL_706684|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-969C26/2020|2020-08-12|EPI_ISL_530898|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2118/2020|2020-06-07|EPI_ISL_497546|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/AZ-TG395938/2020|2020-06-08|EPI_ISL_694773|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/CT-Yale-057/2020|2020-03-28|EPI_ISL_428378|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/QEUEH-C4BB93/2020|2020-12-14|EPI_ISL_769861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5946/2020|2020-11-22|EPI_ISL_705687|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2510/2020|2020-05-31|EPI_ISL_545347|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/SEARCH-5425/2020|2020-08-23|EPI_ISL_755233|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Japan/PG-8285/2020|2020-08-00|EPI_ISL_687384|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-15618/2020|2020-10-26|EPI_ISL_785302|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B223E6/2020|2020-11-02|EPI_ISL_646018|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2410/2020|2020-06-30|EPI_ISL_635466|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-9DAB8D/2020|2020-09-21|EPI_ISL_580920|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12C0A3/2020|2020-05-09|EPI_ISL_469384|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F44DD/2020|2020-09-27|EPI_ISL_600740|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1245/2020|2020-04-14|EPI_ISL_454665|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/CA-CDC-4691/2020|2020-06-03|EPI_ISL_535669|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-15650/2020|2020-11-23|EPI_ISL_713939|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/OMS-ORINFI-9815S/2020|2020-05-21|EPI_ISL_569756|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-19970/2020|2020-12-07|EPI_ISL_747899|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-2A5065/2020|2020-09-21|EPI_ISL_584683|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/SHEF-C7C7A/2020|2020-04-24|EPI_ISL_490609|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0421/2020|2020-07-01|EPI_ISL_495544|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC6453/2020|2020-07-23|EPI_ISL_521231|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-14780/2020|2020-11-10|EPI_ISL_739367|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MD-MDH-0132/2020|2020-07-08|EPI_ISL_524896|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/QEUA-AD0403/2020|2020-10-24|EPI_ISL_634162|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8D3DA/2020|2020-11-13|EPI_ISL_674122|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3217/2020|2020-04-00|EPI_ISL_691335|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-7470/2020|2020-10-12|EPI_ISL_618921|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Poland/1111112/2020|2020-03-31|EPI_ISL_450529|Original|hCoV-19^^Pomorskie|Human|Hematology Laboratory|Department of Virology|Smura|Poland

>Spike|hCoV-19/South Africa/LR00119/2020|2020-07-20|EPI_ISL_514412|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/MILK-B3E0B3/2020|2020-11-01|EPI_ISL_679847|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0719/2020|2020-07-16|EPI_ISL_509777|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-6738/2020|2020-04-20|EPI_ISL_622375|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B07420/2020|2020-10-30|EPI_ISL_643716|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A8533D/2020|2020-10-16|EPI_ISL_610417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21266/2020|2020-12-21|EPI_ISL_759643|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B81628/2020|2020-11-14|EPI_ISL_667992|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B72047/2020|2020-11-23|EPI_ISL_704198|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20009604/2020|2020-04-06|EPI_ISL_444037|Original|hCoV-19^^Hong Kong|Human|Hong Kong Adventist Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Scotland/EDB8727/2020|2020-10-25|EPI_ISL_650152|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18552/2020|2020-12-07|EPI_ISL_750038|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3993/2020|2020-07-17|EPI_ISL_519383|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/BY-ChVir-W1122-5753/2020|2020-03-27|EPI_ISL_754029|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/ALDP-B84124/2020|2020-11-14|EPI_ISL_675385|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3EF99/2020|2020-10-05|EPI_ISL_609578|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA074F/2020|2020-10-22|EPI_ISL_624168|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C336AC/2020|2020-12-11|EPI_ISL_757179|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE4925/2020|2020-03-14|EPI_ISL_418255|Original|hCoV-19^^Abruzzo|Human|Presidio Ospedaliero \S. Spirito\ - PESCARA|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G. Caporale\\Lorusso|Italy

>Spike|hCoV-19/Belgium/Rega-0329245/2020|2020-03-29|EPI_ISL_458215|Original|hCoV-19^^Morlanwelz|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Luxembourg/LNS0566366/2020|2020-11-10|EPI_ISL_739799|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Portugal/PT0502/2020|2020-03-17|EPI_ISL_454226|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Italy/VEN-IZSVE-14-48/2020|2020-03-24|EPI_ISL_636470|Original|hCoV-19^^Veneto|Human|ULSS6 Distretto Padova Terme Colli|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/Wales/PHWC-49EB5D/2020|2020-12-08|EPI_ISL_743099|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17584/2020|2020-12-14|EPI_ISL_751084|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-97010081/2020|2020-03-18|EPI_ISL_779764|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-8FDE22/2020|2020-06-24|EPI_ISL_557141|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Burkina Faso/2359/2020|2020-09-11|EPI_ISL_660481|Original|hCoV-19^^N'Dorola|Human|Laboratoire de Microbiologie CHU Sour\u00e9 Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Australia/VIC15208/2020|2020-08-12|EPI_ISL_593190|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A7A368/2020|2020-10-15|EPI_ISL_606746|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18392/2020|2020-11-18|EPI_ISL_784740|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4072/2020|2020-09-14|EPI_ISL_622028|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16947/2020|2020-12-14|EPI_ISL_750660|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0002/2020|2020-03-12|EPI_ISL_513415|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-270101/2020|2020-09-03|EPI_ISL_541448|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-16193/2020|2020-11-16|EPI_ISL_714631|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-BC41DD/2020|2020-11-24|EPI_ISL_703561|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1233A3/2020|2020-04-05|EPI_ISL_442792|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-32355/2020|2020-11-08|EPI_ISL_661138|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-AA3E92/2020|2020-10-22|EPI_ISL_624235|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1BFA0/2020|2020-11-01|EPI_ISL_645656|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2F60E/2020|2020-11-04|EPI_ISL_659794|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5033/2020|2020-10-09|EPI_ISL_594767|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20129017104/2020|2020-03-20|EPI_ISL_424003|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BIRM-5F10F/2020|2020-05-04|EPI_ISL_473313|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18265/2020|2020-11-16|EPI_ISL_784613|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB1108/2020|2020-04-08|EPI_ISL_491540|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-01083/2020|2020-11-28|EPI_ISL_692775|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/QEUH-B12853/2020|2020-11-02|EPI_ISL_642341|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4ED4/2020|2020-11-09|EPI_ISL_705920|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-127AD7/2020|2020-04-16|EPI_ISL_469629|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A7672/2020|2020-03-28|EPI_ISL_517052|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-9906A0/2020|2020-08-26|EPI_ISL_530369|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD15E/2020|2020-09-16|EPI_ISL_566325|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9583/2020|2020-11-09|EPI_ISL_669049|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2D2005/2020|2020-03-20|EPI_ISL_535024|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-ACC983/2020|2020-10-20|EPI_ISL_634297|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97010163/2020|2020-10-14|EPI_ISL_683638|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS1689160/2020|2020-06-28|EPI_ISL_739978|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CWAR-24FE126/2020|2020-05-01|EPI_ISL_584576|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB6C5/2020|2020-11-20|EPI_ISL_664326|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-BC626F/2020|2020-11-23|EPI_ISL_721444|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7361/2020|2020-10-12|EPI_ISL_618934|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/P4-7/2020|2020-03-20|EPI_ISL_419307|Original|hCoV-19^^Saitama|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/SH-ChVir3046/2020|2020-03-18|EPI_ISL_729466|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/BRIS-121A55/2020|2020-03-15|EPI_ISL_440175|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-1BD6A5/2020|2020-12-08|EPI_ISL_740970|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/WSFT-25C0DBF/2020|2020-05-16|EPI_ISL_492842|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8487/2020|2020-06-08|EPI_ISL_618063|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C8936/2020|2020-04-22|EPI_ISL_453731|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10600/2020|2020-08-30|EPI_ISL_626237|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Brazil/SP-L17-CD357/2020|2020-03-31|EPI_ISL_476303|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/QEUI-B100F3/2020|2020-11-02|EPI_ISL_642519|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1086/2020|2020-08-06|EPI_ISL_582436|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/ALDP-AA2D0F/2020|2020-10-22|EPI_ISL_625087|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AC482/2020|2020-04-07|EPI_ISL_448452|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Portugal/PT0853/2020|2020-03-27|EPI_ISL_511112|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/GA-CDC-6424/2020|2020-07-29|EPI_ISL_527661|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/India/GJ-GBRC59/2020|2020-05-03|EPI_ISL_447034|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/MI-MDHHS-SC20723/2020|2020-04-20|EPI_ISL_471747|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUI-A31145/2020|2020-10-05|EPI_ISL_595869|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-27517/2020|2020-10-24|EPI_ISL_660980|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Singapore/651/2020|2020-05-08|EPI_ISL_493411|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/United Arab Emirates/0432/2020|2020-05-16|EPI_ISL_698606|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-B515D9/2020|2020-11-08|EPI_ISL_657895|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1263DD/2020|2020-04-11|EPI_ISL_459025|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2243/2020|2020-04-00|EPI_ISL_685848|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZH-EMC-941/2020|2020-10-06|EPI_ISL_722596|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Germany/HH-hpi-p1466/2020|2020-03-11|EPI_ISL_775686|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WI-UW-2611/2021|2021-01-03|EPI_ISL_791128|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Belgium/ULG-10944/2020|2020-11-25|EPI_ISL_678483|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-B78A37/2020|2020-11-12|EPI_ISL_668077|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A41A74/2020|2020-10-07|EPI_ISL_609414|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF0D5D/2020|2020-10-29|EPI_ISL_665318|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3992/2020|2020-03-29|EPI_ISL_427231|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR2807/2020|2020-04-20|EPI_ISL_473574|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5401/2020|2020-09-14|EPI_ISL_615333|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204790981/2020|2020-11-20|EPI_ISL_678763|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1342/2020|2020-09-09|EPI_ISL_536713|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/CVR2226/2020|2020-04-12|EPI_ISL_448168|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl478/2020|2020-03-14|EPI_ISL_775989|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/MA-MGH-00654/2020|2020-04-02|EPI_ISL_460330|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Austria/CeMM0902/2020|2020-03-30|EPI_ISL_583755|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUA-B13069/2020|2020-11-01|EPI_ISL_641796|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/750/2020|2020-06-15|EPI_ISL_500565|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Switzerland/LU-ETHZ-380329/2020|2020-11-26|EPI_ISL_721829|Original|hCoV-19^^Lucerne|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-5115/2020|2020-06-29|EPI_ISL_544534|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0128/2020|2020-03-12|EPI_ISL_479855|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A685EF/2020|2020-10-12|EPI_ISL_608415|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-UKT-a038/2020|2020-03-23|EPI_ISL_723092|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/Switzerland/VD-ETHZ-320531/2020|2020-10-13|EPI_ISL_737898|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC12616/2020|2020-07-25|EPI_ISL_592040|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18575/2020|2020-11-19|EPI_ISL_784923|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/210100406/2021|2021-01-00|EPI_ISL_791275|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A6F6/2020|2020-12-02|EPI_ISL_727586|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18127/2020|2020-12-14|EPI_ISL_749366|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99C880/2020|2020-08-23|EPI_ISL_550789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15886/2020|2020-07-10|EPI_ISL_785570|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-98295D/2020|2020-08-10|EPI_ISL_552665|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A23AD2/2020|2020-10-03|EPI_ISL_595101|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19475/2020|2020-11-29|EPI_ISL_783862|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR2916/2020|2020-04-22|EPI_ISL_473629|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14378/2020|2020-07-07|EPI_ISL_739648|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMB-805FA/2020|2020-04-08|EPI_ISL_470499|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC237/2020|2020-03-21|EPI_ISL_419932|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-167FBE/2020|2020-05-19|EPI_ISL_494184|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-24179-01/2020|2020-03-19|EPI_ISL_676752|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MN-QDX-1721/2020|2020-03-16|EPI_ISL_604070|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-C3C9B9/2020|2020-12-09|EPI_ISL_731836|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCA427/2020|2020-12-05|EPI_ISL_724360|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/OXON-B18D9/2020|2020-04-15|EPI_ISL_479051|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-DBAD01/2020|2020-11-13|EPI_ISL_665116|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2295/2020|2020-10-06|EPI_ISL_644535|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Mexico/CMX-INCMNSZ-03/2020|2020-03-12|EPI_ISL_426363|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran|Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran|Ramos|Mexico

>Spike|hCoV-19/England/QEUEH-C328F2/2020|2020-12-10|EPI_ISL_782562|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03075/2020|2020-08-11|EPI_ISL_765699|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/WY-UNM-00142/2020|2020-07-03|EPI_ISL_614261|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/ALDP-A5092A/2020|2020-10-07|EPI_ISL_597854|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7219/2020|2020-07-00|EPI_ISL_688323|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR5655/2020|2020-11-08|EPI_ISL_651886|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/ALDP-94C764/2020|2020-06-15|EPI_ISL_555978|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006270/2020|2020-04-21|EPI_ISL_537641|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-1265/2020|2020-06-08|EPI_ISL_541172|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Switzerland/GR-ETHZ-140090/2020|2020-04-18|EPI_ISL_476132|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-EBDE6/2020|2020-05-08|EPI_ISL_457511|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-A80CA0/2020|2020-10-13|EPI_ISL_610775|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-268/2020|2020-09-23|EPI_ISL_631356|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Denmark/DCGC-12574/2020|2020-11-16|EPI_ISL_682755|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1588/2020|2020-03-16|EPI_ISL_776060|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-A7B5F8/2020|2020-10-15|EPI_ISL_607498|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-284521/2020|2020-03-21|EPI_ISL_478555|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AC314/2020|2020-08-19|EPI_ISL_539723|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Poland/PL_MCB_32/2020|2020-04-22|EPI_ISL_645031|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/USA/TX-HMH-4717/2020|2020-06-22|EPI_ISL_544282|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/1001/2020|2020-06-10|EPI_ISL_699133|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/PG-4803/2020|2020-08-00|EPI_ISL_689928|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-A8592/2020|2020-03-27|EPI_ISL_517183|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-766405/2020|2020-07-15|EPI_ISL_533008|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134017104/2020|2020-03-23|EPI_ISL_423093|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98010717/2020|2020-10-07|EPI_ISL_722220|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-95DD9B/2020|2020-08-07|EPI_ISL_537019|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9DBFF9/2020|2020-09-21|EPI_ISL_601380|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2668/2020|2020-07-02|EPI_ISL_521510|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7291/2020|2020-10-12|EPI_ISL_619253|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/WH-NVRL-MPP60633/2020|2020-04-10|EPI_ISL_768750|Original|hCoV-19^^Westmeath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Canada/ON-PHL-20-90107/2020|2020-03-00|EPI_ISL_548940|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Iran/SA-Isf-51-2/2020|2020-06-10|EPI_ISL_672605|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh, S.|Iran

>Spike|hCoV-19/Finland/4LS20E5/2020|2020-08-08|EPI_ISL_756001|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Denmark/DCGC-17195/2020|2020-12-14|EPI_ISL_750816|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-A0C116/2020|2020-10-03|EPI_ISL_585600|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13014/2020|2020-10-26|EPI_ISL_672300|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Jordan/AM-ALSR-3988/2020|2020-10-03|EPI_ISL_636351|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Denmark/DCGC-13053/2020|2020-11-30|EPI_ISL_712555|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB1640/2020|2020-04-14|EPI_ISL_433099|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4612590/2020|2020-11-05|EPI_ISL_740508|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-A22BFE/2020|2020-10-03|EPI_ISL_611980|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2667/2020|2020-12-31|EPI_ISL_791180|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/ALDP-9B5B1F/2020|2020-08-28|EPI_ISL_590259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCAA72/2020|2020-11-23|EPI_ISL_703418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-170366/2020|2020-09-05|EPI_ISL_746715|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/WA-S2069/2020|2020-06-05|EPI_ISL_497497|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-AA1E67/2020|2020-10-22|EPI_ISL_624946|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7B23D/2020|2020-10-14|EPI_ISL_607563|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-360328/2020|2020-11-06|EPI_ISL_729214|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-AAD760/2020|2020-10-20|EPI_ISL_637350|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25946/2020|2020-03-25|EPI_ISL_422169|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACA25/2020|2020-04-23|EPI_ISL_489404|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2652/2020|2020-00-00|EPI_ISL_579320|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-AEA688/2020|2020-10-25|EPI_ISL_633341|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B50C/2020|2020-11-09|EPI_ISL_655583|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4596559/2020|2020-11-30|EPI_ISL_770931|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-18336/2020|2020-11-18|EPI_ISL_784684|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/GCVR-1713A6/2020|2020-03-26|EPI_ISL_459535|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-343/2020|2020-10-31|EPI_ISL_722583|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9E627A/2020|2020-09-24|EPI_ISL_580315|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/K1r-19/2020|2020-03-22|EPI_ISL_568488|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/England/GSTT-265D1F6/2020|2020-03-15|EPI_ISL_483925|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/France/IDF-3384/2020|2020-03-23|EPI_ISL_428347|Original|hCoV-19^^\u00cele-de-France|Human|Service de Biologie M\u00e9dicale - BP 125|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Belgium/ULG-10363/2020|2020-08-06|EPI_ISL_540530|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Brazil/SP-128/2020|2020-04-02|EPI_ISL_523955|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal do Tatuape Carmino Caricchio|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Ireland/WW-NVRL-20IRL60901/2020|2020-10-13|EPI_ISL_639885|Original|hCoV-19^^Wicklow|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/AZ-QDX-1580/2020|2020-03-17|EPI_ISL_603873|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-7DFF2/2020|2020-04-07|EPI_ISL_442200|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B63B96/2020|2020-11-08|EPI_ISL_656365|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2214/2020|2020-10-02|EPI_ISL_644378|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-1708/2020|2020-03-23|EPI_ISL_617993|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-NCCS-NR-7123/2020|2020-06-26|EPI_ISL_721660|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/TX-DSHS-1004/2020|2020-07-03|EPI_ISL_613982|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-LACPHL-AE00011/2020|2020-07-01|EPI_ISL_707908|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/USA/CO-CDPHE-2009163590/2020|2020-09-16|EPI_ISL_677243|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/South Korea/KCDC2296/2020|2020-05-22|EPI_ISL_510632|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/LOND-126168E/2020|2020-03-28|EPI_ISL_524648|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5866/2020|2020-08-00|EPI_ISL_688981|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-GBCL-26791773/2020|2020-04-04|EPI_ISL_485381|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/VA-DCLS-1837/2020|2020-09-22|EPI_ISL_614129|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/EDB101/2020|2020-03-21|EPI_ISL_425891|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMB-7D129/2020|2020-04-06|EPI_ISL_441655|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Iceland/290/2020|2020-03-18|EPI_ISL_417619|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Russia/DA-RII-MH2742S/2020|2020-09-23|EPI_ISL_602420|Original|hCoV-19^^Dagestan|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/LIVE-A6831/2020|2020-03-16|EPI_ISL_499746|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/EDB5806/2020|2020-04-27|EPI_ISL_473860|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC2217/2020|2020-06-14|EPI_ISL_521957|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUA-9A472E/2020|2020-09-01|EPI_ISL_568383|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-645203/2020|2020-07-04|EPI_ISL_558008|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18517/2020|2020-11-20|EPI_ISL_784865|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-2413/2020|2020-05-25|EPI_ISL_545296|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0033/2020|2020-08-20|EPI_ISL_640034|Original|hCoV-19^^Western Cape|Human|Sedgefield Clinic w SGE|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/FL-BPHL-1349/2020|2020-07-15|EPI_ISL_541287|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-A6C6D9/2020|2020-10-15|EPI_ISL_608056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E6DDC/2020|2020-04-19|EPI_ISL_448979|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-9DD05E/2020|2020-09-21|EPI_ISL_599571|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20049/2020|2020-11-08|EPI_ISL_723234|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/France/PAC-IHU-0906/2020|2020-03-15|EPI_ISL_568989|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Scotland/QEUH-9FF6AF/2020|2020-10-02|EPI_ISL_600394|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1FACA/2020|2020-10-01|EPI_ISL_599074|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15503/2020|2020-11-23|EPI_ISL_713855|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-DC5A4/2020|2020-11-12|EPI_ISL_679624|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUH-B696CC/2020|2020-11-11|EPI_ISL_655168|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D9A2/2020|2020-10-14|EPI_ISL_607135|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC125/2020|2020-05-02|EPI_ISL_455022|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUH-9DC31A/2020|2020-09-21|EPI_ISL_581068|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001360/2020|2020-11-16|EPI_ISL_683981|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MD-HP12101/2020|2020-12-23|EPI_ISL_791419|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Spain/MD-IBV-003661/2020|2020-04-01|EPI_ISL_467245|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-9DA965/2020|2020-09-21|EPI_ISL_601402|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012891289/2020|2020-08-16|EPI_ISL_745539|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-2008809/2020|2020-05-23|EPI_ISL_524835|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-13166/2020|2020-11-30|EPI_ISL_712629|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8153/2020|2020-08-07|EPI_ISL_564875|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C3DAF1/2020|2020-12-10|EPI_ISL_730950|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2523/2020|2020-06-03|EPI_ISL_545359|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-AE2DF4/2020|2020-10-27|EPI_ISL_633585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC6898/2020|2020-11-23|EPI_ISL_703261|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B1F5E6/2020|2020-11-01|EPI_ISL_646006|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3FCC/2020|2020-10-22|EPI_ISL_630735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BE96B5/2020|2020-12-03|EPI_ISL_708919|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7915A/2020|2020-04-03|EPI_ISL_441222|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00238812/2020|2020-03-24|EPI_ISL_536222|Original|hCoV-19^^Quebec|Human|Conseil Cri de la SSS de la Baie-James|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/205120840/2020|2020-12-15|EPI_ISL_766316|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1295/2020|2020-08-18|EPI_ISL_569110|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/OR-OHSU-2122/2020|2020-08-04|EPI_ISL_667120|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-AB7CBF/2020|2020-10-21|EPI_ISL_623826|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0179/2020|2020-10-13|EPI_ISL_729882|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/LIVE-A6181/2020|2020-03-21|EPI_ISL_499689|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-BBCEB3/2020|2020-11-18|EPI_ISL_724207|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC4884/2020|2020-07-13|EPI_ISL_519266|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18569/2020|2020-11-20|EPI_ISL_784917|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B545C7/2020|2020-11-08|EPI_ISL_658095|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DCBC7/2020|2020-09-21|EPI_ISL_580983|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/TOL-INS-0341-T15/2020|2020-04-14|EPI_ISL_526964|Original|hCoV-19^^Tolima|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/England/LIVE-A64E2/2020|2020-03-18|EPI_ISL_499569|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM20114271/2020|2020-12-02|EPI_ISL_753588|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21578/2020|2020-03-23|EPI_ISL_516305|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMB-81AEB/2020|2020-04-11|EPI_ISL_443093|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-98F3BC/2020|2020-08-25|EPI_ISL_540349|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-291750-01/2020|2020-12-26|EPI_ISL_767612|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/FL-BPHL-06/2020|2020-04-04|EPI_ISL_436510|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000200/2020|2020-04-17|EPI_ISL_631734|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUH-A762D8/2020|2020-10-13|EPI_ISL_613314|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-0381/2020|2020-03-01|EPI_ISL_480050|Original|hCoV-19^^Chubu|Human|Nagoya City Public Health Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NMDOH-2020117650/2020|2020-06-09|EPI_ISL_542016|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/AZ-TG276778/2020|2020-04-17|EPI_ISL_694135|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0019/2020|2020-03-15|EPI_ISL_515306|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Japan/PG-5013/2020|2020-08-00|EPI_ISL_690124|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Vietnam/HCMC-35006/2020|2020-03-22|EPI_ISL_498183|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19/Wales/PHWC-16E7FB/2020|2020-10-06|EPI_ISL_585772|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-100154/2020|2020-03-16|EPI_ISL_451738|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-3819/2020|2020-06-12|EPI_ISL_636223|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/DE-DHSS-F980768/2020|2020-08-23|EPI_ISL_708418|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Australia/VIC16161/2020|2020-08-10|EPI_ISL_640510|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p1991/2020|2020-03-27|EPI_ISL_776309|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/QEUH-9B3C69/2020|2020-09-08|EPI_ISL_560060|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-UW-745/2020|2020-07-01|EPI_ISL_491418|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/EDB8241/2020|2020-10-01|EPI_ISL_585492|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Austria/CeMM0272/2020|2020-03-24|EPI_ISL_438099|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/MILK-A7BD1E/2020|2020-10-15|EPI_ISL_607411|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000895/2020|2020-03-26|EPI_ISL_452668|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/UT-03950/2020|2020-04-17|EPI_ISL_454728|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-9EEDBD/2020|2020-09-24|EPI_ISL_580762|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AE4D6B/2020|2020-10-27|EPI_ISL_633233|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1112/2020|2020-05-04|EPI_ISL_463602|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Netherlands/NA_367/2020|2020-04-08|EPI_ISL_455171|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-A49B6A/2020|2020-10-06|EPI_ISL_628455|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/NI-hpi-p1718/2020|2020-03-15|EPI_ISL_776551|Original|hCoV-19^^Niedersachsen|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/VIC13586/2020|2020-07-31|EPI_ISL_563768|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-498A1A/2020|2020-12-04|EPI_ISL_727159|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8944/2020|2020-08-00|EPI_ISL_686490|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-22021/2020|2020-12-14|EPI_ISL_758514|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C043D/2020|2020-03-27|EPI_ISL_420217|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-221/2020|2020-06-12|EPI_ISL_537528|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/LIVE-9A5EE/2020|2020-03-25|EPI_ISL_449353|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20778/2020|2020-12-16|EPI_ISL_790919|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM) |Meijer|Netherlands

>Spike|hCoV-19/France/ARA-0591/2020|2020-03-01|EPI_ISL_508934|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/OR-OHSU-0476/2020|2020-06-11|EPI_ISL_525821|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/QEUH-9C81EA/2020|2020-09-11|EPI_ISL_567067|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1955/2020|2020-04-08|EPI_ISL_493752|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B7AD2D/2020|2020-11-13|EPI_ISL_723959|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-08536/2020|2020-05-18|EPI_ISL_524297|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-B79DB5/2020|2020-11-12|EPI_ISL_667862|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B51788/2020|2020-11-08|EPI_ISL_658360|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4808/2020|2020-07-14|EPI_ISL_519193|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20903/2020|2020-04-24|EPI_ISL_476040|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Italy/FVG-ICGEB-S9/2020|2020-03-01|EPI_ISL_417423|Vero E6 P1|hCoV-19^^Friuli Venezia Giulia|Human|Laboratory of Molecular Virology International Center for Genetic Engineering and Biotechnology (ICGEB)|ARGO Open Lab Platform for Genome sequencing|Marcello|Italy

>Spike|hCoV-19/Switzerland/BL-UHB-42193100/2020|2020-03-16|EPI_ISL_528144|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/BRIS-12B46C/2020|2020-05-25|EPI_ISL_487552|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-982AC3/2020|2020-08-09|EPI_ISL_552644|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11045/2020|2020-12-01|EPI_ISL_722958|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-C5803A/2020|2020-12-13|EPI_ISL_736152|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/203420511/2020|2020-08-13|EPI_ISL_566066|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-10EF5F/2020|2020-03-30|EPI_ISL_432946|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26544517/2020|2020-04-20|EPI_ISL_485106|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-360005/2020|2020-11-12|EPI_ISL_693865|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-2937/2020|2020-04-00|EPI_ISL_691063|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW3725/2020|2020-12-28|EPI_ISL_745029|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/SHEF-BFFB8/2020|2020-03-25|EPI_ISL_418318|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C5B86C/2020|2020-12-14|EPI_ISL_757034|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14920/2020|2020-08-19|EPI_ISL_593060|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-66F379/2020|2020-07-03|EPI_ISL_558232|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUA-AD1208/2020|2020-10-26|EPI_ISL_647945|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACD120/2020|2020-10-21|EPI_ISL_630225|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCC28/2020|2020-10-01|EPI_ISL_587765|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-2641/2020|2020-07-21|EPI_ISL_561127|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/CT-Yale-052/2020|2020-03-26|EPI_ISL_428373|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/ALDP-B1AD3E/2020|2020-11-01|EPI_ISL_646013|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2766/2020|2020-04-20|EPI_ISL_473555|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012918599/2020|2020-12-01|EPI_ISL_746893|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/United Arab Emirates/0774/2020|2020-05-15|EPI_ISL_698917|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/LIVE-A9A47/2020|2020-03-25|EPI_ISL_517311|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-C330F9/2020|2020-12-11|EPI_ISL_757167|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-172CAA/2020|2020-04-06|EPI_ISL_459157|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-360168/2020|2020-11-06|EPI_ISL_693936|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Hungary/US-55489w/2020|2020-10-01|EPI_ISL_677772|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/CA-CZB-1540/2020|2020-04-22|EPI_ISL_468485|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Germany/SH-ChVir20736/2020|2020-11-17|EPI_ISL_729676|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/WA-UW-6718/2020|2020-04-11|EPI_ISL_570139|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/UT-UPHL-03273/2020|2020-05-08|EPI_ISL_575274|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/NSW582/2020|2020-03-14|EPI_ISL_478694|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology

- Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/CA-QDX-2642/2020|2020-03-16|EPI_ISL_604906|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/MILK-B384CC/2020|2020-11-01|EPI_ISL_658884|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC15340/2020|2020-09-08|EPI_ISL_592865|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/MI-UM-10035824100/2020|2020-09-05|EPI_ISL_583322|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/USA/FL-BPHL-0261/2020|2020-05-04|EPI_ISL_480912|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/20128037804/2020|2020-03-19|EPI_ISL_423958|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/CAMC-A3F2F9/2020|2020-10-05|EPI_ISL_609686|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-04902/2020|2020-05-26|EPI_ISL_575194|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/CA-CZB-3762/2020|2020-06-05|EPI_ISL_548475|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/England/CAMC-B23084/2020|2020-11-02|EPI_ISL_651715|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/Wales/ALDP-B1CC11/2020|2020-11-01|EPI_ISL_680578|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/ALDP-9C63E6/2020|2020-09-10|EPI_ISL_567863|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-4337/2020|2020-07-00|EPI_ISL_692565|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Japan/PG-0959/2020|2020-04-00|EPI_ISL_684569|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-C61317/2020|2020-12-13|EPI_ISL_735806|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/OR-OHSU-1491/2020|2020-07-18|EPI_ISL_525972|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/Canada/QC-LSPQ-L00228964/2020|2020-03-20|EPI_ISL_535883|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Spike|hCoV-19/Scotland/QEUA-9FA8EA/2020|2020-09-28|EPI_ISL_600545|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14766/2020|2020-11-05|EPI_ISL_738786|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/CAMB-72379/2020|2020-03-24|EPI_ISL_439535|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CDB6/2020|2020-10-15|EPI_ISL_608062|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20168032304/2020|2020-04-16|EPI_ISL_466607|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-C4406E/2020|2020-12-10|EPI_ISL_719540|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0281/2020|2020-05-07|EPI_ISL_466908|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/CAMC-A82B0B/2020|2020-10-12|EPI_ISL_610754|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15718/2020|2020-07-09|EPI_ISL_785402|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7CE74/2020|2020-10-13|EPI_ISL_606758|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9264/2020|2020-11-04|EPI_ISL_666067|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-B62C58/2020|2020-11-08|EPI_ISL_655459|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1416/2020|2020-06-28|EPI_ISL_678049|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/TX-DSHS-1892/2020|2020-07-08|EPI_ISL_751522|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LIVE-DC7EB3/2020|2020-11-19|EPI_ISL_702623|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-442/2020|2020-08-12|EPI_ISL_523780|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Shanghai/SH0020/2020|2020-02-01|EPI_ISL_416329|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/Canada/ON-S1283/2020|2020-04-28|EPI_ISL_586332|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/FL-BPHL-1233/2020|2020-04-19|EPI_ISL_541153|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/France/CVL-8265/2020|2020-03-30|EPI_ISL_560570|Original|hCoV-19^^Centre-Val de Loire|Human|h\u00f4pital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-5017/2020|2020-09-14|EPI_ISL_621783|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036598549/2020|2020-10-23|EPI_ISL_649974|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-B5A5C1/2020|2020-11-06|EPI_ISL_658233|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A1E15D/2020|2020-10-01|EPI_ISL_587554|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462914/2020|2020-10-29|EPI_ISL_632812|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-A877C6/2020|2020-10-17|EPI_ISL_605938|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0359/2020|2020-07-10|EPI_ISL_576543|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/QEUEH-9F5C6B/2020|2020-09-24|EPI_ISL_588437|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20140002304/2020|2020-03-28|EPI_ISL_465867|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE4958/2020|2020-10-26|EPI_ISL_633144|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC45FD/2020|2020-11-11|EPI_ISL_702913|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00790/2020|2020-09-25|EPI_ISL_692908|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Wales/PHWC-23F46/2020|2020-03-15|EPI_ISL_418129|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5820/2020|2020-08-00|EPI_ISL_688937|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC15330/2020|2020-08-03|EPI_ISL_593251|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-UW-606/2020|2020-06-27|EPI_ISL_484981|Original|hCoV-19^^California|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-366A5/2020|2020-05-02|EPI_ISL_474698|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2278/2020|2020-05-22|EPI_ISL_545220|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9E4467/2020|2020-09-22|EPI_ISL_579872|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1524/2020|2020-03-17|EPI_ISL_603777|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-LACPHL-AE00001/2020|2020-06-05|EPI_ISL_707903|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/USA/AZ-TG295775/2020|2020-05-07|EPI_ISL_694242|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC13472/2020|2020-08-03|EPI_ISL_592250|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-E8059/2020|2020-00-00|EPI_ISL_449099|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2477/2020|2020-03-26|EPI_ISL_468855|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/BRIS-128696/2020|2020-04-14|EPI_ISL_458731|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3907/2020|2020-09-14|EPI_ISL_615628|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BL-UHB-42198622/2020|2020-03-19|EPI_ISL_528226|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/PHWC-2A02E/2020|2020-04-03|EPI_ISL_432373|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9BA9/2020|2020-09-24|EPI_ISL_579921|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15949/2020|2020-07-10|EPI_ISL_785633|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-10FA4E/2020|2020-04-05|EPI_ISL_432676|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-BFCF87/2020|2020-12-03|EPI_ISL_720784|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A0B9F1/2020|2020-10-03|EPI_ISL_599271|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9191/2020|2020-07-02|EPI_ISL_780991|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-H12-87/2020|2020-04-18|EPI_ISL_530015|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/MILK-A69C25/2020|2020-10-09|EPI_ISL_608756|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204900605/2020|2020-11-30|EPI_ISL_722967|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Guadeloupe/IPG-7336/2020|2020-03-22|EPI_ISL_613435|Original|hCoV-19^^Sainte-Anne|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spike|hCoV-19/England/MILK-B56431/2020|2020-11-05|EPI_ISL_657464|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1496/2020|2020-05-22|EPI_ISL_495922|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A6D1E6/2020|2020-10-14|EPI_ISL_608253|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5781/2020|2020-09-10|EPI_ISL_567600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-164/2020|2020-10-31|EPI_ISL_722588|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-4F5486/2020|2020-06-24|EPI_ISL_559151|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CCDAF/2020|2020-09-30|EPI_ISL_585053|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Singapore/836/2020|2020-06-16|EPI_ISL_517999|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/QEUEH-B67D41/2020|2020-11-11|EPI_ISL_655030|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2656/2020|2020-08-17|EPI_ISL_617876|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S2721/2020|2020-07-02|EPI_ISL_525711|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/India/TG-NGC-CDFD-26/2020|2020-05-30|EPI_ISL_466864|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/NORW-F5A79/2020|2020-11-12|EPI_ISL_725291|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-BC6627/2020|2020-11-20|EPI_ISL_721280|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC7032-CSIR-IGIB/2020|2020-05-26|EPI_ISL_482620|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Egypt/CUNCI-HGC012/2020|2020-05-02|EPI_ISL_468051|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/Switzerland/BE-ETHZ-100160/2020|2020-03-16|EPI_ISL_574913|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-48DD2E/2020|2020-11-06|EPI_ISL_680749|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20672/2020|2020-12-21|EPI_ISL_759289|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-FCB33/2020|2020-04-22|EPI_ISL_459366|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC4813/2020|2020-12-21|EPI_ISL_760779|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-454/2020|2020-12-11|EPI_ISL_770688|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/TX-HMH027/2020|2020-03-11|EPI_ISL_434736|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4258/2020|2020-09-07|EPI_ISL_615695|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NB-EMC-294/2020|2020-07-29|EPI_ISL_577843|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-10D6765/2020|2020-12-13|EPI_ISL_727977|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20134071804/2020|2020-03-23|EPI_ISL_423163|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16050/2020|2020-11-23|EPI_ISL_714558|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WY-WPHL-20044542/2020|2020-07-16|EPI_ISL_769913|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/LA-EVTL1442/2020|2020-12-15|EPI_ISL_779108|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-B3A837/2020|2020-11-01|EPI_ISL_706040|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-074/2020|2020-06-01|EPI_ISL_466690|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/WI-UW-554/2020|2020-06-25|EPI_ISL_484929|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Africa/KRISP-0562/2020|2020-07-15|EPI_ISL_498101|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC4490/2020|2020-07-16|EPI_ISL_518901|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B22D15/2020|2020-11-02|EPI_ISL_647236|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410742/2020|2020-12-12|EPI_ISL_737592|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-6217/2020|2020-08-00|EPI_ISL_689329|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-4AE0C4/2020|2020-06-08|EPI_ISL_559512|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-7E54E0/2020|2020-07-19|EPI_ISL_532955|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG395908/2020|2020-06-08|EPI_ISL_694752|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUA-95E7BA/2020|2020-08-07|EPI_ISL_532507|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45D68/2020|2020-10-06|EPI_ISL_598633|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII5017V/2020|2020-04-09|EPI_ISL_430084|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/ME-HETL-J0411/2020|2020-12-16|EPI_ISL_755519|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Pakistan/JRCGR-KHI05/2020|2020-05-20|EPI_ISL_779255|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/Scotland/EDB4515/2020|2020-05-06|EPI_ISL_456949|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-004165/2020|2020-04-20|EPI_ISL_510074|Original|hCoV-19^^Catalunya|Human|Instituto de Investigaciones Biomédicas de Barcelona (CSIC)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-8FEC72/2020|2020-06-24|EPI_ISL_551368|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0057/2020|2020-03-28|EPI_ISL_515339|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Vietnam/VNHN_979/2020|2020-03-17|EPI_ISL_455716|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/USA/MA-MASPHL-00163/2020|2020-04-03|EPI_ISL_791628|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Australia/NSW1127/2020|2020-09-08|EPI_ISL_593741|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-B5BCDA/2020|2020-11-09|EPI_ISL_655793|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-277A4/2020|2020-03-31|EPI_ISL_432288|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Germany/BY-ChVir-W1059-5700/2020|2020-03-30|EPI_ISL_753704|Original|hCoV-19^^Bavaria|Human|Charit Universitätmedizin Berlin|Charit Universitätmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUH-5318CD/2020|2020-05-18|EPI_ISL_532151|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45DA4/2020|2020-10-06|EPI_ISL_598760|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001375/2020|2020-07-16|EPI_ISL_515860|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Scotland/CVR2900/2020|2020-04-22|EPI_ISL_473622|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A0BD/2020|2020-11-02|EPI_ISL_645731|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19330/2020|2020-11-27|EPI_ISL_783766|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS7081939/2020|2020-10-10|EPI_ISL_744507|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUH-AD145D/2020|2020-10-27|EPI_ISL_649702|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1540/2020|2020-08-13|EPI_ISL_569192|Original|hCoV-19^^Provence-Alpes-Côte-d'Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Northern Ireland/NIRE-101815/2020|2020-05-12|EPI_ISL_489242|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12400/2020|2020-07-28|EPI_ISL_563559|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B75C16/2020|2020-11-12|EPI_ISL_740944|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC9161/2020|2020-08-21|EPI_ISL_565419|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/EXET-136219/2020|2020-04-13|EPI_ISL_457211|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-5A2D04/2020|2020-06-14|EPI_ISL_558812|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-5122/2020|2020-12-03|EPI_ISL_730365|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-C3CCCF/2020|2020-12-10|EPI_ISL_731039|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABBD21/2020|2020-10-21|EPI_ISL_631153|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-2449/2020|2020-12-27|EPI_ISL_759724|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/ALDP-94BB96/2020|2020-06-13|EPI_ISL_555792|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC463/2020|2020-04-16|EPI_ISL_435722|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-3115/2020|2020-08-31|EPI_ISL_615932|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3480/2020|2020-08-31|EPI_ISL_616268|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB6903/2020|2020-05-01|EPI_ISL_526509|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9486/2020|2020-11-09|EPI_ISL_668996|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-AEDFE/2020|2020-04-08|EPI_ISL_448786|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000543/2020|2020-03-22|EPI_ISL_632003|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/New Zealand/20VR2949/2020|2020-00-00|EPI_ISL_579369|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-9D9BD9/2020|2020-09-18|EPI_ISL_576800|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497B09/2020|2020-11-23|EPI_ISL_726934|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/QEUA-AD5723/2020|2020-10-26|EPI_ISL_647938|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13886/2020|2020-08-16|EPI_ISL_787178|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/LI-RIVM-10330/2020|2020-03-23|EPI_ISL_636540|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Austria/CeMM0957/2020|2020-03-29|EPI_ISL_583806|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Japan/PG-7911/2020|2020-08-00|EPI_ISL_687012|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-2209/2020|2020-04-00|EPI_ISL_685814|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-1301/2020|2020-03-31|EPI_ISL_648251|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/India/MH-ACTREC-665/2020|2020-09-16|EPI_ISL_723073|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-14007/2020|2020-07-05|EPI_ISL_787298|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-1222B6/2020|2020-03-22|EPI_ISL_440116|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-10/2020|2020-03-06|EPI_ISL_417206|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Japan/PG-5702/2020|2020-07-00|EPI_ISL_688826|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-8579E9/2020|2020-07-17|EPI_ISL_557391|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/NA-ISCI-201951/2020|2020-03-09|EPI_ISL_539571|Original|hCoV-19^^Navarra|Human|Complejo Hospitalario de Navarra|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Australia/VIC496/2020|2020-03-23|EPI_ISL_426769|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A61795/2020|2020-10-13|EPI_ISL_628633|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26629227/2020|2020-04-23|EPI_ISL_485226|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Wales/PHWC-31C99/2020|2020-04-14|EPI_ISL_446553|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001505/2020|2020-03-17|EPI_ISL_467170|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B84FFD/2020|2020-11-14|EPI_ISL_675802|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-230049/2020|2020-08-04|EPI_ISL_516588|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-702/2020|2020-04-18|EPI_ISL_546439|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-44-7/2020|2020-09-02|EPI_ISL_577801|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A52445/2020|2020-10-07|EPI_ISL_598232|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC296b/2020|2020-06-15|EPI_ISL_495037|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-CZB-15479/2020|2020-12-04|EPI_ISL_738548|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A93660/2020|2020-10-20|EPI_ISL_611023|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22089/2020|2020-03-29|EPI_ISL_594201|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-615/2020|2020-03-24|EPI_ISL_436997|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUA-96C018/2020|2020-08-12|EPI_ISL_530900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_82/2020|2020-03-12|EPI_ISL_422877|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1B2FB4/2020|2020-05-23|EPI_ISL_456742|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8868/2020|2020-10-26|EPI_ISL_626109|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Serbia/Kraljevo-00152307/2020|2020-07-22|EPI_ISL_644569|Original|hCoV-19^^Kraljevo|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/England/QEUA-B7F6F0/2020|2020-11-14|EPI_ISL_668225|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA34DB/2020|2020-11-18|EPI_ISL_721071|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACBD88/2020|2020-10-20|EPI_ISL_629139|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7118/2020|2020-08-01|EPI_ISL_514537|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-CADE69/2020|2020-12-20|EPI_ISL_761031|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A09E/2020|2020-11-30|EPI_ISL_727489|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-72018/2020|2020-03-27|EPI_ISL_439548|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-82060/2020|2020-04-21|EPI_ISL_438614|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/EDB7797/2020|2020-09-18|EPI_ISL_577358|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-100053/2020|2020-03-12|EPI_ISL_466975|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-2A2DD/2020|2020-04-06|EPI_ISL_445550|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_CPH_isl_515_BGD/2020|2020-04-29|EPI_ISL_774887|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/USA/FL-BPHL-0512/2020|2020-06-10|EPI_ISL_508715|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-94432C/2020|2020-06-07|EPI_ISL_554697|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A842C/2020|2020-03-26|EPI_ISL_517162|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1495/2020|2020-03-24|EPI_ISL_468445|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/ALDP-CF140A/2020|2020-12-17|EPI_ISL_781881|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15612/2020|2020-10-26|EPI_ISL_787096|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1124/2020|2020-06-21|EPI_ISL_615161|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/QEUH-A4B7CE/2020|2020-10-08|EPI_ISL_628480|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-955698/2020|2020-06-15|EPI_ISL_554392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-135308/2020|2020-04-05|EPI_ISL_457048|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4926C1/2020|2020-11-23|EPI_ISL_725685|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-940/2020|2020-10-11|EPI_ISL_722499|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC20307/2020|2020-04-03|EPI_ISL_447104|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-400/2020|2020-07-22|EPI_ISL_523740|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-QDX-2406/2020|2020-03-17|EPI_ISL_604674|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/AN-IBV-98001686/2020|2020-04-08|EPI_ISL_538126|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica.

UCEIMP. Hospital Universitario Virgen del Roc\u00e9do/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/Switzerland/VD-ETHZ-270169/2020|2020-08-28|EPI_ISL_541496|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/WA-UW-6767/2020|2020-04-10|EPI_ISL_570144|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Gambia/GC19-029/2020|2020-04-20|EPI_ISL_428857|Original|hCoV-19^^West Coast Region|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spike|hCoV-19/USA/TX-HMH-2357/2020|2020-05-27|EPI_ISL_545262|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/CAMB-72D99/2020|2020-03-23|EPI_ISL_440045|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/WA-S1663/2020|2020-05-29|EPI_ISL_496089|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Canada/QC-LSPQ-L00242384/2020|2020-03-29|EPI_ISL_536319|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Spike|hCoV-19/England/QEUA-B6C81E/2020|2020-11-09|EPI_ISL_655779|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/GCVR-1720BD/2020|2020-03-31|EPI_ISL_469950|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-15142/2020|2020-11-23|EPI_ISL_713655|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUA-A4CAE2/2020|2020-10-07|EPI_ISL_596018|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Canada/MB-NML-614/2020|2020-03-23|EPI_ISL_632916|Original|hCoV-19^^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial laboratory|Majer|Canada
>Spike|hCoV-19/Spain/GA-IBV-002734/2020|2020-04-13|EPI_ISL_467285|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/Australia/VIC6474/2020|2020-07-23|EPI_ISL_521252|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/MA-MGH-03316/2020|2020-10-31|EPI_ISL_765783|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spike|hCoV-19/Australia/VIC16306/2020|2020-08-04|EPI_ISL_641187|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Australia/VIC1018/2020|2020-04-01|EPI_ISL_430490|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/VA-DCLS-0538/2020|2020-03-13|EPI_ISL_485839|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/India/TG-CCMB-AA28/2020|2020-08-10|EPI_ISL_539684|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spike|hCoV-19/USA/WI-WSLH-200453/2020|2020-05-19|EPI_ISL_578598|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-9E673F/2020|2020-09-24|EPI_ISL_580349|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11279/2020|2020-06-21|EPI_ISL_501095|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC14814/2020|2020-09-20|EPI_ISL_593008|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-13211/2020|2020-11-30|EPI_ISL_712654|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-003021/2020|2020-04-04|EPI_ISL_474893|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-164458/2020|2020-04-29|EPI_ISL_474179|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3494/2020|2020-09-02|EPI_ISL_636050|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-035/2020|2020-03-18|EPI_ISL_421560|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-7059/2020|2020-08-00|EPI_ISL_688164|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/SP-366/2020|2020-06-24|EPI_ISL_693207|Original|hCoV-19^^S\u00e3o Paulo|Human|Cs II Doutor Antonio Vicoso Moreira de Rezende|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/ALDP-B237CB/2020|2020-11-04|EPI_ISL_646991|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95C28E/2020|2020-06-17|EPI_ISL_554863|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9B86FD/2020|2020-09-10|EPI_ISL_568231|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4588/2020|2020-10-18|EPI_ISL_635100|Original|hCoV-19^^Tr\u00f8ndelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Scotland/CVR2311/2020|2020-04-13|EPI_ISL_493787|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/ON-S818/2020|2020-04-00|EPI_ISL_586451|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Spain/IB-IBV-2515/2020|2020-03-21|EPI_ISL_469007|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC) |Comas|Spain

>Spike|hCoV-19/England/NORW-EE3E1/2020|2020-00-00|EPI_ISL_490537|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2399/2020|2020-03-27|EPI_ISL_468802|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH0393/2020|2020-03-31|EPI_ISL_434980|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B0B25F/2020|2020-10-29|EPI_ISL_643480|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29E982/2020|2020-05-12|EPI_ISL_493534|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-BBB986/2020|2020-11-21|EPI_ISL_724074|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2280/2020|2020-11-16|EPI_ISL_728047|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-978583/2020|2020-07-30|EPI_ISL_526418|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0076/2020|2020-06-29|EPI_ISL_527744|Original|hCoV-19^^San Jose|Human|Hospital Cima|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Germany/NW-UBI-18/2020|2020-04-08|EPI_ISL_602299|original|hCoV-19^^North Rhine-Westphalia|Human|Evangelisches Klinikum Bethel|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/Japan/PG-4839/2020|2020-07-00|EPI_ISL_689961|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-7430/2020|2020-07-00|EPI_ISL_688532|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C469D/2020|2020-05-01|EPI_ISL_457605|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-99477C/2020|2020-08-25|EPI_ISL_552422|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA996/2020|2020-11-20|EPI_ISL_702516|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94D280/2020|2020-06-14|EPI_ISL_556433|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00684/2020|2020-05-08|EPI_ISL_560340|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Bahrain/02/2020|2020-06-23|EPI_ISL_486887|Original|hCoV-19^^Bahrain|Human|National Influenza Center|National Influenza Center|Altaif|Bahrain

>Spike|hCoV-19/England/MILK-D0BFA1/2020|2020-12-20|EPI_ISL_782093|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9012/2020|2020-07-02|EPI_ISL_780895|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-QDX-1754/2020|2020-03-16|EPI_ISL_604084|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-1DD6DC/2020|2020-10-02|EPI_ISL_612088|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-81F91/2020|2020-04-21|EPI_ISL_438601|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D0590-1/2020|2020-04-15|EPI_ISL_527419|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/France/OCC-17/2020|2020-04-09|EPI_ISL_434632|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut

F\u00e9ratif de Biologie|Laboratoire de virologie - \u0c9cole Nationale
V\u00e9rinaire de Toulouse|Croville|France
>Spike|hCoV-19/USA/WY-WPHL-20168039/2020|2020-12-18|EPI_ISL_766780|Original|hCoV-
19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health
Laboratory|Hull|USA
>Spike|hCoV-19/England/QEUH-AE4FB0/2020|2020-10-27|EPI_ISL_633113|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/India/OR-RMRC112/2020|2020-05-06|EPI_ISL_455754|Original|hCoV-
19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India
>Spike|hCoV-19/Belgium/ULG-10315/2020|2020-07-27|EPI_ISL_540482|Original|hCoV-
19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical
Genomics|Durkin|Belgium
>Spike|hCoV-19/England/20134005104/2020|2020-03-24|EPI_ISL_423067|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/MILK-B8E8CB/2020|2020-11-13|EPI_ISL_674517|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-1398/2020|2020-04-00|EPI_ISL_685005|Original|hCoV-
19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics
Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-A475B9/2020|2020-10-06|EPI_ISL_598374|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-2865C5/2020|2020-10-10|EPI_ISL_638564|Original|hCoV-
19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust
/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
(COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-15409/2020|2020-11-23|EPI_ISL_713809|Original|hCoV-
19^^Sjaelland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-16931/2020|2020-12-14|EPI_ISL_750313|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUH-B7D373/2020|2020-11-14|EPI_ISL_741854|Original|hCoV-
19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2076/2020|2020-02-21|EPI_ISL_497977|Original|hCoV-
19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South
Korea
>Spike|hCoV-19/Canada/BC_18173416/2020|2020-04-00|EPI_ISL_469209|Original|hCoV-
19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health
Laboratory|Harrigan|Canada
>Spike|hCoV-19/England/MILK-BAC681/2020|2020-11-18|EPI_ISL_681511|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-96E526/2020|2020-08-20|EPI_ISL_534487|Original|hCoV-
19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B7B58E/2020|2020-11-12|EPI_ISL_741181|Original|hCoV-
19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Italy/LAZ-INMI-40/2020|2020-06-12|EPI_ISL_603147|Original|hCoV-
19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani
IRCCS|Gruber|Italy
>Spike|hCoV-19/USA/WA-UW-5717/2020|2020-04-06|EPI_ISL_430913|Original|hCoV-
19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/20129158804/2020|2020-03-21|EPI_ISL_424119|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC3309/2020|2020-07-07|EPI_ISL_520988|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-122B42/2020|2020-04-02|EPI_ISL_440637|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Singapore/1341/2020|2020-06-07|EPI_ISL_648690|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/TX-DSHS-0198/2020|2020-05-29|EPI_ISL_524073|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-9C3CC0/2020|2020-09-09|EPI_ISL_566835|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96C582/2020|2020-08-13|EPI_ISL_530879|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000811/2020|2020-03-24|EPI_ISL_632190|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-5E8537/2020|2020-06-16|EPI_ISL_533323|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B35A3/2020|2020-03-31|EPI_ISL_534868|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6506/2020|2020-06-27|EPI_ISL_546045|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0062/2020|2020-03-30|EPI_ISL_515344|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/WI-UW-2073/2020|2020-10-19|EPI_ISL_677478|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20400/2020|2020-12-06|EPI_ISL_728620|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Canada/ON-SLB3079/2020|2020-04-14|EPI_ISL_717728|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Scotland/EDB10499/2020|2020-11-03|EPI_ISL_764356|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/PORT-2D1B8D/2020|2020-03-31|EPI_ISL_493656|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-AA13E0/2020|2020-10-22|EPI_ISL_623937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-164/2020|2020-03-19|EPI_ISL_436259|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/EXET-137157/2020|2020-04-21|EPI_ISL_471952|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-9749C7/2020|2020-08-17|EPI_ISL_575829|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2842EE/2020|2020-03-17|EPI_ISL_488588|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9DADD/2020|2020-04-29|EPI_ISL_449614|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-4304/2020|2020-07-00|EPI_ISL_692532|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Tunisia/ADAGE-17873/2020|2020-10-14|EPI_ISL_710534|Original|hCoV-19^^Monastir|Human|H\u00f4pital Fattouma-Bourguiba de Monastir|Laboratoire des Proc\u00e9s de Criblage Mol\u00e9culaire et Cellulaire-Centre de Biotechnologie de Sfax|Abid|Tunisia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19823/2020|2020-11-25|EPI_ISL_784151|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0432/2020|2020-04-02|EPI_ISL_569504|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wales/PHWC-2F056/2020|2020-04-05|EPI_ISL_446192|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0081/2020|2020-10-09|EPI_ISL_747321|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH947/2020|2020-05-26|EPI_ISL_513204|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Scotland/EDB5220/2020|2020-05-20|EPI_ISL_456989|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMB-7D00E/2020|2020-04-06|EPI_ISL_442183|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4262/2020|2020-09-30|EPI_ISL_648922|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORW-F6F97/2020|2020-12-03|EPI_ISL_725317|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12542/2020|2020-11-16|EPI_ISL_682723|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-4492/2020|2020-10-30|EPI_ISL_666967|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-1BB09A/2020|2020-11-11|EPI_ISL_664161|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B783F0/2020|2020-11-11|EPI_ISL_783515|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2539/2020|2020-04-15|EPI_ISL_456383|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/TX-HMH-3599/2020|2020-06-15|EPI_ISL_543055|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-1853DA2/2020|2020-04-27|EPI_ISL_492352|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3DFF/2020|2020-10-22|EPI_ISL_624424|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2710/2020|2020-03-17|EPI_ISL_605007|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/United Arab Emirates/0009/2020|2020-05-07|EPI_ISL_698219|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-B998EB/2020|2020-11-15|EPI_ISL_673734|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8B452/2020|2020-10-17|EPI_ISL_643309|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/NSA-INS-79504/2020|2020-03-13|EPI_ISL_456130|Original|hCoV-19^^Norte de Santander|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/Australia/WA264/2020|2020-09-26|EPI_ISL_594176|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/QEUH-BCC0AB/2020|2020-11-27|EPI_ISL_704082|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC8C8B/2020|2020-11-18|EPI_ISL_704968|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13695/2020|2020-11-30|EPI_ISL_712964|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/VB-ETHZ-160007/2020|2020-06-20|EPI_ISL_486504|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-02842/2020|2020-04-29|EPI_ISL_513652|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/MI-UM-10036797904/2020|2020-11-05|EPI_ISL_707838|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMB-793BE/2020|2020-04-02|EPI_ISL_441180|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2309/2020|2020-03-22|EPI_ISL_776440|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/20132023904/2020|2020-03-23|EPI_ISL_423753|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-EBBFB/2020|2020-05-06|EPI_ISL_457489|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-BB1BE4/2020|2020-11-17|EPI_ISL_720109|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12489/2020|2020-11-16|EPI_ISL_682670|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10220/2020|2020-05-23|EPI_ISL_484708|Original|hCoV-19^^Belgium|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-CZB-14225/2020|2020-11-13|EPI_ISL_739386|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-S263/2020|2020-03-05|EPI_ISL_430117|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/FL-BPHL-2212/2020|2020-05-12|EPI_ISL_666834|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-16C793/2020|2020-09-17|EPI_ISL_574091|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-27242/2020|2020-10-23|EPI_ISL_660974|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Japan/PG-5578/2020|2020-08-00|EPI_ISL_688703|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-1264/2020|2020-04-12|EPI_ISL_454684|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-14648/2020|2020-11-23|EPI_ISL_711889|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D6012/2020|2020-04-20|EPI_ISL_444270|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-289/2020|2020-07-13|EPI_ISL_699941|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Russia/SVE-RII-MH1711S/2020|2020-09-17|EPI_ISL_602348|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-CDC-4712/2020|2020-06-04|EPI_ISL_535688|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Japan/PG-3710/2020|2020-04-00|EPI_ISL_691963|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B54891/2020|2020-11-08|EPI_ISL_658337|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9837/2020|2020-08-16|EPI_ISL_565739|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/ULG-10906/2020|2020-11-14|EPI_ISL_678448|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/SHEF-CD360/2020|2020-09-14|EPI_ISL_573735|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORW-E889D/2020|2020-04-11|EPI_ISL_448243|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1291/2020|2020-03-24|EPI_ISL_483011|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Spain/MD-IBV-97010011/2020|2020-04-12|EPI_ISL_683671|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u00b7SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-14471/2020|2020-11-30|EPI_ISL_711786|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-999470/2020|2020-08-25|EPI_ISL_559761|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1143/2020|2020-08-17|EPI_ISL_526629|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LOND-D4FEA/2020|2020-04-14|EPI_ISL_444190|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2047/2020|2020-02-20|EPI_ISL_471453|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/WI-WSLH-200506/2020|2020-05-23|EPI_ISL_578647|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Australia/VIC12606/2020|2020-00-00|EPI_ISL_592036|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9D8CF5/2020|2020-09-18|EPI_ISL_576663|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA386/2020|2020-11-23|EPI_ISL_703365|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-46885/2020|2020-12-10|EPI_ISL_756199|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/NA_532/2020|2020-04-03|EPI_ISL_460705|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB1115/2020|2020-04-07|EPI_ISL_433404|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-9C3370/2020|2020-09-10|EPI_ISL_566792|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-298/2020|2020-04-20|EPI_ISL_527861|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital e Maternidade Celso Pierro|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-5694/2020|2020-09-21|EPI_ISL_621199|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C0084/2020|2020-03-23|EPI_ISL_420240|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-9F71C4/2020|2020-09-25|EPI_ISL_595669|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B39A6F/2020|2020-11-02|EPI_ISL_652302|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-100351/2020|2020-03-19|EPI_ISL_574880|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-6222/2020|2020-10-05|EPI_ISL_620125|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1643/2020|2020-09-11|EPI_ISL_605517|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-AA40F5/2020|2020-10-21|EPI_ISL_624134|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1618/2020|2020-10-09|EPI_ISL_700730|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Canada/BC-BCCDC-8393/2020|2020-11-00|EPI_ISL_740770|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/MI-QDX-493/2020|2020-03-23|EPI_ISL_571227|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MD-MDH-0124/2020|2020-05-28|EPI_ISL_522871|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Spain/VC-FISABIO-538/2020|2020-03-29|EPI_ISL_447483|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/France/PAC-IHU-0176/2020|2020-03-26|EPI_ISL_569349|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-DSHS-1234/2020|2020-04-30|EPI_ISL_654747|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/UT-UPHL-2012050615/2020|2020-06-17|EPI_ISL_746335|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21474/2020|2020-07-01|EPI_ISL_516201|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-280240/2020|2020-09-10|EPI_ISL_560532|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Russia/SPE-RII-MH1489S/2020|2020-09-11|EPI_ISL_596281|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Canada/ON-S17/2020|2020-03-16|EPI_ISL_586370|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CWAR-24FDAFF/2020|2020-05-02|EPI_ISL_584479|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/PORT-2D1AAE/2020|2020-04-03|EPI_ISL_493643|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-95B146/2020|2020-06-13|EPI_ISL_555614|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D440/2020|2020-09-14|EPI_ISL_574237|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-D277B/2020|2020-04-28|EPI_ISL_475504|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Portugal/PT0403/2020|2020-03-17|EPI_ISL_454127|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saúde (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NMDOH-2020305740/2020|2020-08-21|EPI_ISL_542041|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Japan/PG-8124/2020|2020-08-00|EPI_ISL_687223|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A00A17/2020|2020-10-02|EPI_ISL_584896|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02408/2020|2020-09-00|EPI_ISL_671590|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-C61CFE/2020|2020-12-13|EPI_ISL_735618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4897/2020|2020-04-08|EPI_ISL_429635|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-2875/2020|2020-06-08|EPI_ISL_543844|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/QLD1124/2020|2020-03-22|EPI_ISL_639741|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/LOND-D5F43/2020|2020-04-18|EPI_ISL_444265|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1390/2020|2020-03-14|EPI_ISL_572179|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-1BBBC6/2020|2020-11-17|EPI_ISL_679204|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-BAB637/2020|2020-11-18|EPI_ISL_681468|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1166/2020|2020-08-11|EPI_ISL_522922|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/BC_07720149/2020|2020-04-00|EPI_ISL_466819|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-3728/2020|2020-08-31|EPI_ISL_615508|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BL-UHB-42191693/2020|2020-03-15|EPI_ISL_528106|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/QEUA-A4CBFE/2020|2020-10-08|EPI_ISL_596032|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-5695/2020|2020-07-00|EPI_ISL_688819|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C48BB4/2020|2020-12-12|EPI_ISL_736748|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0024/2020|2020-03-09|EPI_ISL_437914|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-5968/2020|2020-09-28|EPI_ISL_621077|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-11098/2020|2020-06-17|EPI_ISL_570375|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/EXET-135F40/2020|2020-00-00|EPI_ISL_478280|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Japan/PG-2851/2020|2020-05-00|EPI_ISL_690977|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-18711/2020|2020-12-07|EPI_ISL_750137|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7391/2020|2020-10-12|EPI_ISL_619363|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-A9EE9A/2020|2020-10-20|EPI_ISL_611341|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_20/2020|2020-03-19|EPI_ISL_460656|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-1566/2020|2020-09-16|EPI_ISL_605444|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/ON-S1853/2020|2020-11-24|EPI_ISL_729262|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/LIVE-A5C81/2020|2020-03-17|EPI_ISL_499583|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Austria/CeMM0357/2020|2020-03-19|EPI_ISL_438120|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Scotland/GCVR-171106/2020|2020-03-27|EPI_ISL_459543|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1777/2020|2020-03-19|EPI_ISL_776150|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-9EE087/2020|2020-05-06|EPI_ISL_589518|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13854/2020|2020-08-17|EPI_ISL_787147|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-8777/2020|2020-08-00|EPI_ISL_686371|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS0010795/2020|2020-11-15|EPI_ISL_739696|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-B39E63/2020|2020-11-02|EPI_ISL_679673|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/NSW116/2020|2020-03-21|EPI_ISL_427698|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-994A64/2020|2020-08-25|EPI_ISL_552271|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0742/2020|2020-04-00|EPI_ISL_684352|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/LAZ-INMI-66/2020|2020-06-10|EPI_ISL_603173|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/England/QEUEH-B0EADC/2020|2020-11-02|EPI_ISL_641935|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4557/2020|2020-05-06|EPI_ISL_461725|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2502/2020|2020-05-25|EPI_ISL_513887|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Chile/RM-127908/2020|2020-07-18|EPI_ISL_746611|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Wales/PHWC-4A5D02/2020|2020-12-14|EPI_ISL_764968|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-C34720/2020|2020-12-11|EPI_ISL_734133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201160216/2020|2020-03-10|EPI_ISL_464788|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F9881/2020|2020-09-26|EPI_ISL_589232|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC2253/2020|2020-12-21|EPI_ISL_760676|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E8AB/2020|2020-06-16|EPI_ISL_555330|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AADD7D/2020|2020-10-22|EPI_ISL_623903|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A4FF86/2020|2020-10-07|EPI_ISL_597719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00209/2020|2020-04-10|EPI_ISL_791661|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/201580203/2020|2020-04-09|EPI_ISL_466361|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LEED-2A877C/2020|2020-04-01|EPI_ISL_539139|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2947/2020|2020-10-31|EPI_ISL_678377|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Wales/PHWC-2A738/2020|2020-04-05|EPI_ISL_445613|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22116/2020|2020-12-14|EPI_ISL_758562|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A831DB/2020|2020-10-12|EPI_ISL_610885|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C3151A/2020|2020-12-11|EPI_ISL_731426|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1565/2020|2020-04-06|EPI_ISL_619211|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1104/2020|2020-05-04|EPI_ISL_463594|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/AZ-TG396356/2020|2020-06-10|EPI_ISL_694814|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-480AD9/2020|2020-10-22|EPI_ISL_612969|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3111/2020|2020-10-22|EPI_ISL_624115|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WHCM-106/2020|2020-03-02|EPI_ISL_455402|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/TX-HMH-7256/2020|2020-06-29|EPI_ISL_546629|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-957D82/2020|2020-06-09|EPI_ISL_554634|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A4902F/2020|2020-10-08|EPI_ISL_595947|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-971308/2020|2020-08-18|EPI_ISL_553190|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495E8A/2020|2020-11-26|EPI_ISL_726496|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB008/2020|2020-09-16|EPI_ISL_575712|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC240/2020|2020-06-05|EPI_ISL_483821|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Denmark/DCGC-14747/2020|2020-11-23|EPI_ISL_711953|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16668D/2020|2020-06-27|EPI_ISL_494028|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3201/2020|2020-06-12|EPI_ISL_544073|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3899/2020|2020-07-00|EPI_ISL_692150|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-496706/2020|2020-11-20|EPI_ISL_726625|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B0DFCF/2020|2020-11-02|EPI_ISL_642061|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9CE2C3/2020|2020-09-16|EPI_ISL_602021|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9A1CC/2020|2020-04-17|EPI_ISL_439857|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/EDB2274/2020|2020-04-21|EPI_ISL_491660|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C208/2020|2020-04-04|EPI_ISL_474292|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2B277/2020|2020-11-03|EPI_ISL_646575|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16276/2020|2020-10-30|EPI_ISL_785960|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A47FAC/2020|2020-10-06|EPI_ISL_598291|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51747/2020|2020-05-22|EPI_ISL_615091|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi NAL Trollhattan|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Belgium/regal-0411464/2020|2020-04-11|EPI_ISL_476974|Original|hCoV-19^^Braine-Le-Comte|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/New Zealand/20VR2958/2020|2020-00-00|EPI_ISL_579377|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/204661404/2020|2020-11-11|EPI_ISL_683518|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547382/2020|2020-07-07|EPI_ISL_695514|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/NORW-F5569/2020|2020-10-25|EPI_ISL_725270|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-1BA040/2020|2020-11-04|EPI_ISL_651578|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-94F35E/2020|2020-06-18|EPI_ISL_555869|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1853962/2020|2020-04-16|EPI_ISL_492288|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6441/2020|2020-07-06|EPI_ISL_545998|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-03474/2020|2020-03-14|EPI_ISL_450541|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Malaysia/IMR-WC268551/2020|2020-11-11|EPI_ISL_728242|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Belgium/DAA-0327369/2020|2020-03-27|EPI_ISL_462223|Original|hCoV-19^^Deerlijk|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/MILK-6AA406/2020|2020-07-02|EPI_ISL_551777|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9FFE0/2020|2020-11-18|EPI_ISL_719790|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UP-NBRI-N51-TEH465/2020|2020-05-25|EPI_ISL_516979|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/Denmark/DCGC-19502/2020|2020-12-07|EPI_ISL_748992|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19298/2020|2020-12-07|EPI_ISL_748869|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH304/2020|2020-04-21|EPI_ISL_513225|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/VIC1302/2020|2020-04-10|EPI_ISL_430680|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/NORT-282D1C/2020|2020-03-29|EPI_ISL_472229|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMB-7DF6B/2020|2020-04-07|EPI_ISL_441617|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-110042/2020|2020-04-01|EPI_ISL_486476|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-C32731/2020|2020-12-11|EPI_ISL_782588|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0770a/2020|2020-04-08|EPI_ISL_511029|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/NOTT-120643/2020|2020-12-09|EPI_ISL_725633|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-8620/2020|2020-08-00|EPI_ISL_686216|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR3971/2020|2020-08-22|EPI_ISL_529685|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr72/2020|2020-04-14|EPI_ISL_541872|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Wales/PHWC-495DBA/2020|2020-11-26|EPI_ISL_726483|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7BEBB/2020|2020-04-04|EPI_ISL_470520|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B463CE/2020|2020-11-07|EPI_ISL_656327|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C9786/2020|2020-10-08|EPI_ISL_596208|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1598/2020|2020-08-21|EPI_ISL_700704|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/OXON-AE3FC/2020|2020-00-00|EPI_ISL_448689|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Italy/LOM-IZSGC-TE31074/2020|2020-05-02|EPI_ISL_528936|Original|hCoV-19^^Lombardy|Human|Agenzia di Tutela della Salute di Bergamo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/India/MH-AFCO-14763/2020|2020-07-22|EPI_ISL_722197|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Russia/StPetersburg-RII4728S/2020|2020-04-07|EPI_ISL_427335|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/PHWC-27D57/2020|2020-04-01|EPI_ISL_432431|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1384/2020|2020-07-09|EPI_ISL_507972|Original|hCoV-19^^Minnesota|Human|Avera McKennan Laboratory|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-CDPH068/2020|2020-04-13|EPI_ISL_755040|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Japan/PG-6600/2020|2020-08-00|EPI_ISL_687712|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BS-UHB-65238783/2020|2020-03-23|EPI_ISL_528381|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MN-MDH-2074/2020|2020-10-31|EPI_ISL_683703|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Luxembourg/LNS4081687/2020|2020-10-22|EPI_ISL_740419|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-498C05/2020|2020-12-02|EPI_ISL_727187|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB5442/2020|2020-04-12|EPI_ISL_473822|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-BDC248/2020|2020-11-26|EPI_ISL_709727|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-400291/2020|2020-12-06|EPI_ISL_729058|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/151/2020|2020-03-18|EPI_ISL_443243|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Norway/3020/2020|2020-08-05|EPI_ISL_549054|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/PORT-2F5F96/2020|2020-10-27|EPI_ISL_651068|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Singapore/878/2020|2020-08-29|EPI_ISL_536419|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Austria/CeMM0311/2020|2020-03-30|EPI_ISL_475783|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Japan/PG-1542/2020|2020-04-00|EPI_ISL_685148|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B3B010/2020|2020-11-01|EPI_ISL_679735|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B5463D/2020|2020-11-08|EPI_ISL_658316|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C47D28/2020|2020-12-12|EPI_ISL_718739|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B412E4/2020|2020-11-08|EPI_ISL_658613|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2014/2020|2020-02-12|EPI_ISL_426187|Vero E6 P1|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/MILK-A8EF30/2020|2020-10-16|EPI_ISL_651388|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-A618A1/2020|2020-10-12|EPI_ISL_628638|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2561/2020|2020-06-03|EPI_ISL_545387|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-83287/2020|2020-04-14|EPI_ISL_443615|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0788/2020|2020-04-07|EPI_ISL_512592|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-CZB-13080/2020|2020-05-07|EPI_ISL_672342|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-17997/2020|2020-12-14|EPI_ISL_749689|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-FB888/2020|2020-04-15|EPI_ISL_459392|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21810/2020|2020-12-21|EPI_ISL_758121|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6114/2020|2020-08-00|EPI_ISL_689226|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-12636E6/2020|2020-11-03|EPI_ISL_679468|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-A78A47/2020|2020-10-14|EPI_ISL_638774|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-5771/2020|2020-07-00|EPI_ISL_688890|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/RI-IBV-99005876/2020|2020-03-10|EPI_ISL_537418|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-BB1E63/2020|2020-11-18|EPI_ISL_720128|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAE626/2020|2020-10-22|EPI_ISL_630859|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7F775/2020|2020-11-14|EPI_ISL_674808|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2A5FD1/2020|2020-10-12|EPI_ISL_637312|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1157/2020|2020-04-26|EPI_ISL_454618|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/AZ-TG333552/2020|2020-05-28|EPI_ISL_694358|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A680FD/2020|2020-10-10|EPI_ISL_609146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-73CAA/2020|2020-04-02|EPI_ISL_433683|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-962391/2020|2020-08-10|EPI_ISL_531605|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB55F/2020|2020-11-17|EPI_ISL_664516|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-B06BC2/2020|2020-10-29|EPI_ISL_652265|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-BB12D0/2020|2020-11-17|EPI_ISL_720117|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10025/2020|2020-11-09|EPI_ISL_669343|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Poland/PL_P7/2020|2020-03-29|EPI_ISL_428930|Original|hCoV-19^^Malopolskie|Human|ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics Research Group; Wojew\u00f3dzka Stacja Sanitarno-Epidemiologiczna w Krakowie|ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics Research Group|Kopera|Poland

>Spike|hCoV-19/Singapore/1052/2020|2020-03-23|EPI_ISL_574537|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/South Africa/LR00025/2020|2020-07-05|EPI_ISL_515154|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/CA-CZB-11792/2020|2020-09-22|EPI_ISL_625635|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/QEUA-9FF78E/2020|2020-10-02|EPI_ISL_600207|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5086/2020|2020-09-21|EPI_ISL_621624|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0619/2020|2020-10-22|EPI_ISL_700588|Original|hCoV-19^^Western Cape|Human|Sedgefield Clinic wc SGE|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/20132106704/2020|2020-03-22|EPI_ISL_423842|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-205/2020|2020-05-01|EPI_ISL_494507|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-16242/2020|2020-11-16|EPI_ISL_714468|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16639/2020|2020-11-16|EPI_ISL_714887|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-2310/2020|2020-07-10|EPI_ISL_635424|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15656/2020|2020-07-09|EPI_ISL_785340|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20593/2020|2020-12-21|EPI_ISL_759242|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-23561D/2020|2020-11-10|EPI_ISL_742121|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Panama/335097/2020|2020-04-01|EPI_ISL_496804|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/FL-BPHL-0809/2020|2020-05-20|EPI_ISL_514155|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WI-WSLH-200732/2020|2020-07-09|EPI_ISL_631488|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Australia/VIC2650/2020|2020-07-01|EPI_ISL_521496|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-10931/2020|2020-11-02|EPI_ISL_670291|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5653/2020|2020-07-17|EPI_ISL_518463|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-001050/2020|2020-10-14|EPI_ISL_633061|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/PG-0171/2020|2020-03-14|EPI_ISL_479880|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/L0/2020|2020-03-12|EPI_ISL_435119|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Children's Hospital|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/USA/NY-NYCPHL-000241/2020|2020-04-11|EPI_ISL_631768|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/LA-SR0277/2020|2020-04-02|EPI_ISL_445132|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20186098804/2020|2020-04-29|EPI_ISL_528408|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/England/MILK-A91705/2020|2020-10-19|EPI_ISL_705977|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-8D74A4/2020|2020-07-01|EPI_ISL_557045|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036245036/2020|2020-10-02|EPI_ISL_590721|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMC-C46DCF/2020|2020-12-11|EPI_ISL_718706|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129059204/2020|2020-03-09|EPI_ISL_424054|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC595/2020|2020-03-25|EPI_ISL_426852|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/MD-MDH-0382/2020|2020-10-27|EPI_ISL_660080|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/India/OR-RMRC24/2020|2020-04-04|EPI_ISL_455775|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/MILK-9C354D/2020|2020-09-10|EPI_ISL_566724|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DC004/2020|2020-09-21|EPI_ISL_601355|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD5222/2020|2020-10-24|EPI_ISL_634073|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F45D/2020|2020-10-02|EPI_ISL_609592|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16253/2020|2020-11-16|EPI_ISL_714666|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/IDF-rega-0508543/2020|2020-05-08|EPI_ISL_735245|Original|hCoV-19^^\u00cele-de-France|Human|UZ Leuven|KU Leuven|Maes|France

>Spike|hCoV-19/Denmark/DCGC-18277/2020|2020-12-14|EPI_ISL_749857|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-004020/2020|2020-04-24|EPI_ISL_500206|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/LOND-D681A/2020|2020-04-24|EPI_ISL_482200|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A4921/2020|2020-03-13|EPI_ISL_499889|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FABB4/2020|2020-09-28|EPI_ISL_588219|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1002/2020|2020-03-14|EPI_ISL_571729|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC12362/2020|2020-08-02|EPI_ISL_640314|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CSMC40/2020|2020-04-03|EPI_ISL_475652|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/AZ-TG271900/2020|2020-03-27|EPI_ISL_426553|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/Russia/Moscow-62508/2020|2020-03-11|EPI_ISL_428863|Vero|hCoV-19^^Moscow|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/England/QEUA-B68074/2020|2020-11-11|EPI_ISL_662082|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1BD9/2020|2020-10-22|EPI_ISL_630935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-420289/2020|2020-12-20|EPI_ISL_768026|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-26F34/2020|2020-03-30|EPI_ISL_422047|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10029/2020|2020-05-29|EPI_ISL_461452|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/NB-RIVM-20268/2020|2020-11-17|EPI_ISL_723411|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-48BF57/2020|2020-11-07|EPI_ISL_666373|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW2717/2020|2020-08-25|EPI_ISL_527180|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/OXON-B1CBF/2020|2020-04-14|EPI_ISL_479084|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B98E62/2020|2020-11-15|EPI_ISL_673825|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494E21/2020|2020-11-21|EPI_ISL_726259|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S203/2020|2020-03-20|EPI_ISL_430241|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/VA-DCLS-1294/2020|2020-07-23|EPI_ISL_572287|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-4614/2020|2020-06-21|EPI_ISL_543755|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/4282/2020|2020-10-11|EPI_ISL_635189|Original|hCoV-19^^Agder|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Portugal/PT1642/2020|2020-11-13|EPI_ISL_731918|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/QEUA-9BA989/2020|2020-09-07|EPI_ISL_573831|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7201/2020|2020-10-13|EPI_ISL_637560|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-B02267/2020|2020-10-24|EPI_ISL_642909|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14866/2020|2020-11-23|EPI_ISL_712038|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0794/2020|2020-03-15|EPI_ISL_514140|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC590/2020|2020-03-22|EPI_ISL_426847|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A738A/2020|2020-03-28|EPI_ISL_517010|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-B38AF7/2020|2020-10-31|EPI_ISL_659060|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C84EC2/2020|2020-12-17|EPI_ISL_756389|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG487006/2020|2020-07-09|EPI_ISL_695093|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A6DFFB/2020|2020-10-14|EPI_ISL_607959|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saint Martin/IPG-7357/2020|2020-04-07|EPI_ISL_613456|Original|hCoV-19^^Saint Martin|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Saint Martin

>Spike|hCoV-19/England/MILK-B96B7C/2020|2020-11-14|EPI_ISL_674822|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012264858/2020|2020-08-05|EPI_ISL_745570|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-B3C8AE/2020|2020-11-01|EPI_ISL_706165|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B2295D/2020|2020-11-02|EPI_ISL_647313|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/22SS11D7/2020|2020-09-22|EPI_ISL_757388|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/WI-UW-1472/2020|2020-09-11|EPI_ISL_541604|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-B0ABDD/2020|2020-10-30|EPI_ISL_643607|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F7F24/2020|2020-09-27|EPI_ISL_595724|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Romania/USAFSAM-S548/2020|2020-11-28|EPI_ISL_738331|Original|hCoV-19^^Romania|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania

>Spike|hCoV-19/Belgium/ULG-10568/2020|2020-10-23|EPI_ISL_626275|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WA-OHSU-2287/2020|2020-08-10|EPI_ISL_667169|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21837/2020|2020-04-16|EPI_ISL_565880|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-B20245/2020|2020-11-02|EPI_ISL_647616|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C4360/2020|2020-09-09|EPI_ISL_566883|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7986/2020|2020-09-28|EPI_ISL_585466|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547311/2020|2020-07-06|EPI_ISL_695478|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Netherlands/GE-EMC-285/2020|2020-06-04|EPI_ISL_523264|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-B7C0AA/2020|2020-11-14|EPI_ISL_668159|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB-156APT/2020|2020-07-18|EPI_ISL_722857|Original|hCoV-19^^Apulia|Human|Dipartimento di Scienze Biomediche e Oncologia Umana - Azienda Ospedaliero Universitaria Consorziale Policlinico|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Japan/PG-2601/2020|2020-04-00|EPI_ISL_690735|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0957/2020|2020-04-19|EPI_ISL_511506|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC13385/2020|2020-07-27|EPI_ISL_592233|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/Tygerberg-386/2020|2020-12-01|EPI_ISL_745126|Original|hCoV-19^^Northern Cape|Human|Okiep CHC|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-815/2020|2020-04-10|EPI_ISL_545849|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/HH-hpi-p2457/2020|2020-05-31|EPI_ISL_776518|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-49C4BE/2020|2020-12-10|EPI_ISL_742562|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/IL-NM075/2020|2020-03-16|EPI_ISL_444570|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/CA-IGI-0173/2020|2020-06-19|EPI_ISL_677821|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/CAMC-A6497E/2020|2020-10-10|EPI_ISL_608969|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/IGC3857/2020|2020-05-28|EPI_ISL_491209|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/USA/UT-02552/2020|2020-04-24|EPI_ISL_487205|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/United Arab Emirates/0664/2020|2020-05-15|EPI_ISL_698818|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-B21B1C/2020|2020-11-01|EPI_ISL_647240|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB3D71/2020|2020-10-21|EPI_ISL_650847|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC3650/2020|2020-07-09|EPI_ISL_520389|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/DE-DHSS-F1020823/2020|2020-10-29|EPI_ISL_708451|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/LOND-D7CFF/2020|2020-04-15|EPI_ISL_492501|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68D6F/2020|2020-10-12|EPI_ISL_630397|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/DP0289/2020|2020-02-16|EPI_ISL_416590|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-AF4B6E/2020|2020-10-30|EPI_ISL_663096|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5179/2020|2020-10-11|EPI_ISL_730418|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMC-B98A31/2020|2020-11-15|EPI_ISL_673782|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-417/2020|2020-11-01|EPI_ISL_722405|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B7D425/2020|2020-11-14|EPI_ISL_741860|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-7855F/2020|2020-00-00|EPI_ISL_433747|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2156711/2020|2020-04-21|EPI_ISL_445074|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-C47A4F/2020|2020-12-11|EPI_ISL_718345|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5921/2020|2020-10-05|EPI_ISL_620186|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1058/2020|2020-04-00|EPI_ISL_684668|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NM-DOH-2020322589/2020|2020-09-03|EPI_ISL_575295|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/England/CAMB-7D305/2020|2020-04-05|EPI_ISL_441560|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-9A8845/2020|2020-08-31|EPI_ISL_549428|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-310375/2020|2020-10-08|EPI_ISL_603449|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR3676/2020|2020-05-23|EPI_ISL_478090|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20134068704/2020|2020-03-24|EPI_ISL_423159|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-BBF5FC/2020|2020-11-20|EPI_ISL_704987|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8238/2020|2020-08-00|EPI_ISL_687337|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-006372/2020|2020-04-03|EPI_ISL_510108|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-16A8FC/2020|2020-09-10|EPI_ISL_560123|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-AE71E/2020|2020-00-00|EPI_ISL_448714|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0086/2020|2020-04-15|EPI_ISL_464058|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/NY-Wadsworth-291676-01/2020|2020-12-24|EPI_ISL_767602|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21588/2020|2020-03-25|EPI_ISL_516315|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WA-S2864/2020|2020-09-19|EPI_ISL_596395|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/South Korea/IHC18670/2020|2020-07-01|EPI_ISL_541005|Original|hCoV-19^^Gwangju|Human|Health and Environmental Research Institute of Gwangju Metropolitan city|Health and Environmental Research Institute of Gwangju Metropolitan city|Kim|South Korea

>Spike|hCoV-19/Japan/PG-5284/2020|2020-07-00|EPI_ISL_690387|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B7A0CA/2020|2020-11-12|EPI_ISL_741080|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2928/2020|2020-08-03|EPI_ISL_635735|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Belgium/ULG-10177/2020|2020-05-09|EPI_ISL_455965|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-978/2020|2020-04-09|EPI_ISL_545943|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14598/2020|2020-11-23|EPI_ISL_711866|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6754/2020|2020-06-24|EPI_ISL_546219|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MD_NIDDL_3202/2020|2020-04-16|EPI_ISL_491909|Original|hCoV-19^^Maryland|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/England/MILK-956B10/2020|2020-06-06|EPI_ISL_554204|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10623/2020|2020-08-03|EPI_ISL_562998|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2CFF0E/2020|2020-03-23|EPI_ISL_475248|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22548/2020|2020-11-04|EPI_ISL_708606|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Wales/PHWC-47F9B2/2020|2020-10-06|EPI_ISL_612753|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200116/2020|2020-06-26|EPI_ISL_752679|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Sri Lanka/COV486/2020|2020-03-31|EPI_ISL_428673|Original|hCoV-19^^Sri Lanka|Human|Centre for Dengue Research|Centre for Dengue Research|Malavige|Sri Lanka

>Spike|hCoV-19/USA/TX-HMH-2513/2020|2020-06-03|EPI_ISL_545349|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CT-Yale-382/2020|2020-05-01|EPI_ISL_594124|Original|hCoV-19^^Delaware|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/UT-UPHL-2009190/2020|2020-05-27|EPI_ISL_525173|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-9B4E62/2020|2020-09-04|EPI_ISL_590430|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15925/2020|2020-07-10|EPI_ISL_785609|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/RJ-DCVN3/2020|2020-07-20|EPI_ISL_529140|Vero E6|hCoV-19^^Rio de Janeiro|Human|Centro de Desenvolvimento Tecnológico em Saude|Centro de Desenvolvimento Tecnológico em Saude|Souza|Brazil

>Spike|hCoV-19/Spain/VC-FISABIO-263/2020|2020-03-26|EPI_ISL_436358|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/CAMC-B7B64F/2020|2020-11-12|EPI_ISL_724019|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-BC88E3/2020|2020-11-22|EPI_ISL_721354|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-953DA4/2020|2020-06-12|EPI_ISL_554357|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FA668/2020|2020-09-27|EPI_ISL_588255|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3011/2020|2020-04-00|EPI_ISL_691135|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12209E/2020|2020-03-22|EPI_ISL_439962|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/BC_10601737/2020|2020-04-00|EPI_ISL_477117|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH799/2020|2020-04-24|EPI_ISL_513256|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-A2E9E9/2020|2020-10-05|EPI_ISL_586980|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9A539/2020|2020-03-25|EPI_ISL_449343|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00529/2020|2020-05-09|EPI_ISL_542951|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Japan/PG-5079/2020|2020-08-00|EPI_ISL_690189|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS9371467/2020|2020-12-15|EPI_ISL_744894|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/BRIS-12C708/2020|2020-05-06|EPI_ISL_469481|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-24373/2020|2020-08-14|EPI_ISL_570764|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Luxembourg/LNS0772976/2020|2020-11-07|EPI_ISL_739830|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-B79650/2020|2020-11-13|EPI_ISL_667934|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6649/2020|2020-07-00|EPI_ISL_687761|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3822/2020|2020-07-09|EPI_ISL_520535|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-12706/2020|2020-06-29|EPI_ISL_501116|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Northern Ireland/NIRE-233916/2020|2020-10-04|EPI_ISL_680325|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-A68400/2020|2020-10-12|EPI_ISL_608387|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C3EFC4/2020|2020-12-10|EPI_ISL_719040|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DD698/2020|2020-09-21|EPI_ISL_599540|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20149984/2020|2020-11-24|EPI_ISL_770104|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13671/2020|2020-08-20|EPI_ISL_788768|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-270150/2020|2020-08-28|EPI_ISL_541453|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Austria/CeMM0260/2020|2020-03-23|EPI_ISL_438089|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/LA-EVTL445/2020|2020-07-30|EPI_ISL_578849|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-CZB-10107/2020|2020-06-23|EPI_ISL_672079|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Belgium/ULG-10838/2020|2020-10-27|EPI_ISL_666873|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Switzerland/VD-ETHZ-100171/2020|2020-03-16|EPI_ISL_574981|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S381/2020|2020-03-29|EPI_ISL_434141|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/CA-QDX-1622/2020|2020-03-19|EPI_ISL_603904|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Singapore/290/2020|2020-04-14|EPI_ISL_462408|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMB-1B69A3/2020|2020-00-00|EPI_ISL_584320|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0913/2020|2020-06-26|EPI_ISL_699051|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/EXET-1383C9/2020|2020-09-12|EPI_ISL_611616|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-230015/2020|2020-08-02|EPI_ISL_516558|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/ZH-EMC-1083/2020|2020-12-12|EPI_ISL_722342|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC14017/2020|2020-07-24|EPI_ISL_563931|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-000399/2020|2020-03-23|EPI_ISL_631883|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-9E777A/2020|2020-09-24|EPI_ISL_638217|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LOND-1262DE2/2020|2020-10-16|EPI_ISL_627460|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-3278/2020|2020-07-00|EPI_ISL_691393|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-22077/2020|2020-08-03|EPI_ISL_570622|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/VA-DCLS-0258/2020|2020-04-22|EPI_ISL_452831|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-C8B766/2020|2020-12-17|EPI_ISL_756520|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F1D99/2020|2020-09-24|EPI_ISL_589617|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1154/2020|2020-10-25|EPI_ISL_629007|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Norway/3201/2020|2020-08-08|EPI_ISL_549032|Original|hCoV-19^^Viken|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Denmark/DCGC-20436/2020|2020-12-21|EPI_ISL_759146|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-110A77/2020|2020-04-30|EPI_ISL_441890|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168928/2020|2020-04-20|EPI_ISL_494306|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94F109/2020|2020-06-18|EPI_ISL_556340|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC208/2020|2020-03-20|EPI_ISL_419903|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/UT-01856/2020|2020-04-13|EPI_ISL_498630|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/CAMB-74B9D/2020|2020-03-17|EPI_ISL_425351|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E2E5/2020|2020-09-28|EPI_ISL_595435|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0019/2020|2020-03-08|EPI_ISL_569248|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Switzerland/BL-UHB-42194077/2020|2020-03-16|EPI_ISL_528154|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/WA-S2172/2020|2020-06-08|EPI_ISL_497600|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-789EA/2020|2020-04-06|EPI_ISL_433804|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BRIS-124B6E/2020|2020-03-25|EPI_ISL_443720|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-S2905/2020|2020-10-04|EPI_ISL_596436|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/AZ-TG276768/2020|2020-04-15|EPI_ISL_694130|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Ecuador/USFQ-105/2020|2020-07-01|EPI_ISL_486842|Original|hCoV-19^^Chimborazo|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/Portugal/PT0451/2020|2020-04-03|EPI_ISL_454175|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-B2442D/2020|2020-11-04|EPI_ISL_646807|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-GMF-22820/2020|2020-09-28|EPI_ISL_660860|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-UW-6186/2020|2020-04-01|EPI_ISL_430954|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B96C1F/2020|2020-11-13|EPI_ISL_674980|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488084/2020|2020-10-30|EPI_ISL_639345|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9411/2020|2020-07-03|EPI_ISL_781106|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17520/2020|2020-12-14|EPI_ISL_751037|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS6783622/2020|2020-03-20|EPI_ISL_429734|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/CVR3004/2020|2020-04-23|EPI_ISL_453089|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR4688/2020|2020-09-30|EPI_ISL_612310|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC357b/2020|2020-06-25|EPI_ISL_514607|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Japan/PG-2647/2020|2020-04-00|EPI_ISL_690779|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC8266/2020|2020-08-20|EPI_ISL_564923|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/BC_10111910/2020|2020-04-00|EPI_ISL_467313|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Wales/PHWC-47EFEE/2020|2020-10-11|EPI_ISL_612615|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-06756/2020|2020-03-07|EPI_ISL_417338|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Macon|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/QEUH-9CF57E/2020|2020-09-17|EPI_ISL_590073|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10993/2020|2020-08-03|EPI_ISL_563188|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0669/2020|2020-10-23|EPI_ISL_700482|Original|hCoV-19^^Western Cape|Human|Themba lethu CDC wc THC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Wales/PHWC-4861FC/2020|2020-10-30|EPI_ISL_639018|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16054/2020|2020-11-23|EPI_ISL_714562|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6965/2020|2020-07-00|EPI_ISL_688070|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-ACE75A/2020|2020-10-21|EPI_ISL_644083|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7473/2020|2020-07-00|EPI_ISL_688575|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-32830/2020|2020-10-15|EPI_ISL_737092|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/rega-0414676/2020|2020-04-14|EPI_ISL_738211|Original|hCoV-19^^Diest|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-94EC45/2020|2020-06-17|EPI_ISL_556474|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1008/2020|2020-07-20|EPI_ISL_516434|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/BIRM-6A505/2020|2020-11-09|EPI_ISL_679067|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5028/2020|2020-06-24|EPI_ISL_544469|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19615/2020|2020-11-16|EPI_ISL_783982|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-8012/2020|2020-08-00|EPI_ISL_687113|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-2310/2020|2020-05-00|EPI_ISL_685915|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A37E8/2020|2020-12-11|EPI_ISL_764576|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6332/2020|2020-05-14|EPI_ISL_527703|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/CVR4656/2020|2020-09-23|EPI_ISL_611875|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-S2799/2020|2020-08-23|EPI_ISL_530156|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/SAP550/2020|2020-11-14|EPI_ISL_654797|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/QEUH-AE4976/2020|2020-10-27|EPI_ISL_633209|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3678/2020|2020-09-28|EPI_ISL_636144|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Germany/BY-MVP-0020/2020|2020-04-06|EPI_ISL_437220|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Denmark/DCGC-4063/2020|2020-09-14|EPI_ISL_622019|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A44C4E/2020|2020-10-05|EPI_ISL_598636|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-212-9055/2020|2020-04-03|EPI_ISL_574850|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/Scotland/QEUH-9CA379/2020|2020-09-13|EPI_ISL_576056|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9466/2020|2020-07-03|EPI_ISL_781139|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC117/2020|2020-03-18|EPI_ISL_421729|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/South Africa/LR00068/2020|2020-07-13|EPI_ISL_514380|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/MILK-84717B/2020|2020-07-14|EPI_ISL_557170|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9FE10/2020|2020-11-18|EPI_ISL_721023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-964AF4/2020|2020-08-11|EPI_ISL_531157|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6517/2020|2020-09-25|EPI_ISL_580405|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-31666/2020|2020-11-05|EPI_ISL_661109|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/PHWC-314BF/2020|2020-04-12|EPI_ISL_446452|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-73IRL27709/2020|2020-09-16|EPI_ISL_578269|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-9A55D8/2020|2020-09-03|EPI_ISL_550031|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG494844/2020|2020-07-10|EPI_ISL_695253|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-49E012/2020|2020-12-06|EPI_ISL_742943|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/RI_0556/2020|2020-03-01|EPI_ISL_420795|Original|hCoV-19^^Rhode Island|Human|RI State Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-48E75C/2020|2020-11-13|EPI_ISL_680905|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B630D3/2020|2020-11-08|EPI_ISL_655293|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-0256/2020|2020-04-03|EPI_ISL_470624|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/CAMC-B994F6/2020|2020-11-12|EPI_ISL_673411|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2627/2021|2021-01-03|EPI_ISL_791328|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUEH-9DBF08/2020|2020-09-21|EPI_ISL_601333|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_135/2020|2020-03-19|EPI_ISL_422679|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-73B61/2020|2020-04-03|EPI_ISL_433667|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-B69EA6/2020|2020-11-11|EPI_ISL_655020|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51561/2020|2020-10-07|EPI_ISL_597909|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-00629/2020|2020-11-24|EPI_ISL_770578|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CO-CDPHE-2008064470/2020|2020-08-06|EPI_ISL_710247|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/MILK-C63263/2020|2020-12-13|EPI_ISL_735675|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl608/2020|2020-03-16|EPI_ISL_775635|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/France/PDL-SC609/2020|2020-03-22|EPI_ISL_663256|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/OR-OHSU-2549/2020|2020-08-19|EPI_ISL_667247|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/204682055/2020|2020-11-12|EPI_ISL_693418|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487717/2020|2020-10-26|EPI_ISL_639229|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Finland/1LS11H9/2020|2020-10-01|EPI_ISL_757346|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/LA-GBCL-26684452/2020|2020-04-11|EPI_ISL_485274|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/20144001204/2020|2020-03-30|EPI_ISL_423476|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH016/2020|2020-03-13|EPI_ISL_434726|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/NW-HHU-464/2020|2020-12-11|EPI_ISL_770698|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Belgium/UGent-214/2020|2020-10-23|EPI_ISL_717603|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/QEUA-AD13F6/2020|2020-10-27|EPI_ISL_633950|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F185C/2020|2020-09-25|EPI_ISL_589695|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B2DB/2020|2020-05-02|EPI_ISL_487620|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1637BA/2020|2020-05-12|EPI_ISL_473995|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08429/2020|2020-05-19|EPI_ISL_524205|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NE-10765/2020|2020-05-04|EPI_ISL_475182|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/NOTT-115632/2020|2020-10-15|EPI_ISL_595252|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-7F251/2020|2020-04-08|EPI_ISL_442942|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A6950C/2020|2020-10-12|EPI_ISL_608849|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B42131/2020|2020-11-08|EPI_ISL_657291|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9610397/2020|2020-11-29|EPI_ISL_744950|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/UT-UPHL-2012381065/2020|2020-08-17|EPI_ISL_746156|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/Utrecht_21/2020|2020-03-03|EPI_ISL_422898|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Czech Republic/IAB_14/2020|2020-04-02|EPI_ISL_426889|Original|hCoV-19^^Czech Republic|Human|Motol University Hospital|Institute of Applied Biotechnologies a.s.|Broz|Czech Republic

>Spike|hCoV-19/USA/AZ-TG305962/2020|2020-04-28|EPI_ISL_694301|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-A8C1D2/2020|2020-10-16|EPI_ISL_643091|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20755/2020|2020-04-22|EPI_ISL_471776|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-991CF8/2020|2020-08-27|EPI_ISL_552228|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A86C6E/2020|2020-10-16|EPI_ISL_606267|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-8187/2020|2020-03-00|EPI_ISL_548217|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Switzerland/BE-UNIBE-207-8159/2020|2020-04-01|EPI_ISL_574845|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/Denmark/DCGC-19179/2020|2020-12-07|EPI_ISL_748797|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1B4B0/2020|2020-10-31|EPI_ISL_645592|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4375/2020|2020-06-00|EPI_ISL_692602|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UN-NR-52282/2020|2020-03-23|EPI_ISL_456656|Vero E6 - CRL-1586|hCoV-19^^USA|Human|American Type Culture Collection Inc. (ATCC)|American Type Culture Collection Inc. (ATCC)|Riojas|USA

>Spike|hCoV-19/England/NORT-29C0CB/2020|2020-10-20|EPI_ISL_637455|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2188/2020|2020-03-28|EPI_ISL_506982|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-A95C8A/2020|2020-10-20|EPI_ISL_624714|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A10D/2020|2020-11-15|EPI_ISL_673404|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-125F814/2020|2020-04-06|EPI_ISL_516873|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2502/2020|2020-04-00|EPI_ISL_686107|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9A8BA6/2020|2020-09-01|EPI_ISL_550024|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16631D/2020|2020-06-21|EPI_ISL_490864|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A0DD/2020|2020-10-29|EPI_ISL_652522|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100037635/2020|2020-11-25|EPI_ISL_771187|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Australia/NSW1141/2020|2020-10-03|EPI_ISL_593751|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/NSW870/2020|2020-08-14|EPI_ISL_526212|Original|hCoV-19^^New South Wales|Human|Australian Clinical Labs (formerly Healthscope Pathology)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21377/2020|2020-03-21|EPI_ISL_507631|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/CVR4061/2020|2020-08-30|EPI_ISL_535153|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0314/2020|2020-05-18|EPI_ISL_698491|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/WI-UW-564/2020|2020-06-28|EPI_ISL_484939|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-A66A97/2020|2020-10-12|EPI_ISL_630649|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4541/2020|2020-09-22|EPI_ISL_585400|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15801/2020|2020-09-08|EPI_ISL_785485|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20096101804/2020|2020-02-27|EPI_ISL_464189|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC15026/2020|2020-07-29|EPI_ISL_593109|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-PV09169/2020|2020-03-19|EPI_ISL_422531|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/ALDP-B5CB18/2020|2020-11-08|EPI_ISL_655831|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg-453/2020|2020-12-07|EPI_ISL_745140|Original|hCoV-19^^Western Cape|Human|Tygerberg Hospital w/ TBH|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-95374C/2020|2020-06-08|EPI_ISL_554368|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-46903/2020|2020-12-12|EPI_ISL_756201|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-A778F3/2020|2020-10-12|EPI_ISL_638738|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A298/2020|2020-12-01|EPI_ISL_727520|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-127F9C/2020|2020-04-18|EPI_ISL_469550|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-166A36/2020|2020-06-23|EPI_ISL_494071|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00231569/2020|2020-03-22|EPI_ISL_535957|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-BB9C8F/2020|2020-11-21|EPI_ISL_702417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-14262/2020|2020-05-02|EPI_ISL_469055|Original|hCoV-19^^Ostergotland|Human|Jourcentralen|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Netherlands/NA_642/2020|2020-03-31|EPI_ISL_461077|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORW-ECB90/2020|2020-05-28|EPI_ISL_472336|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/France/ARA-15456/2020|2020-03-27|EPI_ISL_678498|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/AZ-TG463627/2020|2020-07-01|EPI_ISL_695048|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-BCB983/2020|2020-11-27|EPI_ISL_703844|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A4BDCC/2020|2020-10-05|EPI_ISL_628529|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-4271/2020|2020-07-15|EPI_ISL_527645|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/20118058004/2020|2020-03-12|EPI_ISL_464930|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-644/2020|2020-00-00|EPI_ISL_578072|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-9469/2020|2020-11-09|EPI_ISL_668986|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-1623/2020|2020-05-18|EPI_ISL_494694|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-AF483A/2020|2020-10-30|EPI_ISL_662848|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036367756/2020|2020-10-09|EPI_ISL_596612|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-6641/2020|2020-10-12|EPI_ISL_619543|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10C89CA/2020|2020-12-09|EPI_ISL_741955|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-358DD/2020|2020-04-23|EPI_ISL_474493|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B69F1C/2020|2020-11-11|EPI_ISL_655035|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB_329PT/2020|2020-11-04|EPI_ISL_653822|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/ALDP-A671DD/2020|2020-10-12|EPI_ISL_630447|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9ACCAF/2020|2020-09-02|EPI_ISL_559803|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NOTT-11178E/2020|2020-05-19|EPI_ISL_461920|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B0A19F/2020|2020-10-30|EPI_ISL_673052|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB10767/2020|2020-12-07|EPI_ISL_724228|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/SHEF-C8F61/2020|2020-10-14|EPI_ISL_611681|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/204590294/2020|2020-11-06|EPI_ISL_686551|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B46C78/2020|2020-11-06|EPI_ISL_656165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4939/2020|2020-07-00|EPI_ISL_690058|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-7408/2020|2020-10-12|EPI_ISL_618910|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BC6557/2020|2020-11-19|EPI_ISL_721460|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A60C4C/2020|2020-10-12|EPI_ISL_665494|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WI-UW-543/2020|2020-06-21|EPI_ISL_484918|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Czech Republic/NRL_3969/2020|2020-03-18|EPI_ISL_490112|Original|hCoV-19^^Litovel|Human|The National Institute of Public Health|The National Institute of Public Health and State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Wales/PHWC-480611/2020|2020-10-09|EPI_ISL_612911|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ABB6BD/2020|2020-10-24|EPI_ISL_623529|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98007627/2020|2020-09-06|EPI_ISL_582065|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-975085/2020|2020-08-20|EPI_ISL_552451|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-131/2020|2020-03-13|EPI_ISL_467912|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Italy/VEN-IZSve-6-55/2020|2020-03-22|EPI_ISL_636475|Original|hCoV-19^^Veneto|Human|ULSS6 Distretto Padova Terme Colli|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/USA/CA-CDPH-UC9/2020|2020-03-05|EPI_ISL_413928|Original|hCoV-19^^California|Human|California Department of Public Health|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/USA/WA-S787/2020|2020-04-14|EPI_ISL_449957|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-4A2AC2/2020|2020-12-13|EPI_ISL_743976|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-CC2A2E/2020|2020-12-21|EPI_ISL_760553|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC6E87/2020|2020-11-24|EPI_ISL_705121|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4917CF/2020|2020-11-05|EPI_ISL_706694|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR4564/2020|2020-09-17|EPI_ISL_585421|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2296/2020|2020-03-13|EPI_ISL_604612|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-7294/2020|2020-06-29|EPI_ISL_546651|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B270F9/2020|2020-11-04|EPI_ISL_664190|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15735/2020|2020-07-09|EPI_ISL_785419|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-28648C/2020|2020-10-04|EPI_ISL_637794|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CFE64/2020|2020-09-15|EPI_ISL_589840|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A593F6/2020|2020-10-08|EPI_ISL_597184|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-0118/2020|2020-03-19|EPI_ISL_417984|Original|hCoV-19^^Rio de Janeiro|Human|Universidade Federal do Rio de Janeiro|Bioinformatics Laboratory - LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/TX-HMH-3502/2020|2020-06-10|EPI_ISL_544205|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-240053/2020|2020-08-12|EPI_ISL_523894|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-E9D24/2020|2020-04-30|EPI_ISL_461852|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CDE1/2020|2020-11-01|EPI_ISL_645653|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14329/2020|2020-11-30|EPI_ISL_711699|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B88199/2020|2020-11-13|EPI_ISL_674381|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21868/2020|2020-03-27|EPI_ISL_565929|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NORT-1B71DE7/2020|2020-11-20|EPI_ISL_704425|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012459187/2020|2020-08-03|EPI_ISL_745739|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-260148/2020|2020-08-26|EPI_ISL_539444|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-Wadsworth-30491-01/2020|2020-03-30|EPI_ISL_676768|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/LOND-D36C8/2020|2020-03-31|EPI_ISL_440974|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-B47ECC/2020|2020-11-07|EPI_ISL_649365|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9203/2020|2020-11-03|EPI_ISL_702937|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WA-S1626/2020|2020-05-27|EPI_ISL_496052|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CO-CDPHE-2009170094/2020|2020-09-16|EPI_ISL_710273|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/CA-QDX-99/2020|2020-03-13|EPI_ISL_468570|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-48F76A/2020|2020-11-10|EPI_ISL_681134|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1099/2020|2020-07-31|EPI_ISL_526585|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/TAS129/2020|2020-04-06|EPI_ISL_522594|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BCA6D8/2020|2020-11-23|EPI_ISL_703437|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB398D/2020|2020-12-16|EPI_ISL_760852|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-110127/2020|2020-04-11|EPI_ISL_441474|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/CVR5028/2020|2020-10-09|EPI_ISL_594762|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/EXET-1384A8/2020|2020-09-13|EPI_ISL_611540|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/LIVE-DB64C4/2020|2020-11-07|EPI_ISL_651500|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-UW-146/2020|2020-04-06|EPI_ISL_427453|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-3813/2020|2020-06-12|EPI_ISL_543217|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9ED6D1/2020|2020-05-08|EPI_ISL_589319|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7478/2020|2020-10-12|EPI_ISL_618931|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1868/2020|2020-09-09|EPI_ISL_605740|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMC-AB15D8/2020|2020-10-23|EPI_ISL_623828|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9D3E12/2020|2020-09-17|EPI_ISL_601751|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-QDX-326/2020|2020-03-23|EPI_ISL_571070|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Spain/PV-IBV-004298/2020|2020-04-09|EPI_ISL_510413|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/France/IDF-IPP9608/2020|2020-11-09|EPI_ISL_693771|Original|hCoV-19^^\u00cele-de-France|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spike|hCoV-19/England/NORW-EE475/2020|2020-06-23|EPI_ISL_490544|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/India/GJ-GBRC33/2020|2020-04-29|EPI_ISL_444464|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/England/ALDP-BB9F95/2020|2020-11-20|EPI_ISL_701686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-99DE9C/2020|2020-08-30|EPI_ISL_581386|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW342/2020|2020-03-16|EPI_ISL_418909|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/LIVE-DC2322/2020|2020-11-22|EPI_ISL_679405|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-1803/2020|2020-09-16|EPI_ISL_614055|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Wales/PHWC-480004/2020|2020-10-16|EPI_ISL_612842|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/MILK-9C3DAF/2020|2020-09-09|EPI_ISL_566698|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13588/2020|2020-08-21|EPI_ISL_788698|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/CVR5193/2020|2020-10-15|EPI_ISL_626838|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Netherlands/NB-EMC-302/2020|2020-10-02|EPI_ISL_632537|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/UN-UW-5231/2020|2020-04-09|EPI_ISL_576489|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Japan/PG-7973/2020|2020-07-00|EPI_ISL_687074|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/QEUA-9631F0/2020|2020-08-11|EPI_ISL_531668|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96E6BA/2020|2020-08-19|EPI_ISL_530534|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1434/2020|2020-08-25|EPI_ISL_591197|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/FL-BPHL-1010/2020|2020-07-15|EPI_ISL_517900|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-DSHS-1545/2020|2020-06-22|EPI_ISL_681863|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20122069804/2020|2020-03-15|EPI_ISL_465759|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-81E85/2020|2020-04-22|EPI_ISL_438587|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-AB223A/2020|2020-10-23|EPI_ISL_623661|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6755/2020|2020-08-00|EPI_ISL_687865|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/WB-IK89/2020|2020-05-19|EPI_ISL_511906|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/Wales/PHWC-490F40/2020|2020-11-19|EPI_ISL_703074|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F2D2/2020|2020-11-08|EPI_ISL_681072|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/205260453/2020|2020-12-21|EPI_ISL_754364|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/DP0752/2020|2020-02-17|EPI_ISL_416622|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-ACCFFA/2020|2020-10-21|EPI_ISL_630025|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A576FF/2020|2020-10-08|EPI_ISL_597494|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205121233/2020|2020-00-00|EPI_ISL_766103|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-9CB949/2020|2020-09-16|EPI_ISL_575422|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9627E0/2020|2020-08-11|EPI_ISL_531473|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1469/2020|2020-12-16|EPI_ISL_754084|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-A2E7EF/2020|2020-10-05|EPI_ISL_586936|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B37418/2020|2020-11-05|EPI_ISL_645343|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A224E4/2020|2020-10-01|EPI_ISL_587685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2419/2020|2020-10-22|EPI_ISL_624225|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3842/2020|2020-06-28|EPI_ISL_636238|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/IL-NM-0173/2020|2020-03-24|EPI_ISL_626374|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/MILK-AC7997/2020|2020-10-21|EPI_ISL_634369|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3624/2020|2020-07-10|EPI_ISL_520366|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-116ADB/2020|2020-10-15|EPI_ISL_595320|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/AZ-TG280854/2020|2020-04-21|EPI_ISL_694193|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Canada/ON-PHL-20-02290/2020|2020-09-00|EPI_ISL_671561|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-95C3B8/2020|2020-06-20|EPI_ISL_554956|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22012/2020|2020-08-28|EPI_ISL_577573|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/TX-DSHS-1511/2020|2020-06-22|EPI_ISL_683426|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-A6841F/2020|2020-10-12|EPI_ISL_608634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5558/2020|2020-09-28|EPI_ISL_620883|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-20Z06353/2020|2020-04-17|EPI_ISL_671384|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/UT-0284/2020|2020-03-14|EPI_ISL_420806|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-B9807B/2020|2020-11-15|EPI_ISL_674923|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-8358E/2020|2020-04-14|EPI_ISL_443463|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/IL-UW-368/2020|2020-04-14|EPI_ISL_450722|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/HI-H200655/2020|2020-12-01|EPI_ISL_753178|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMC-C98766/2020|2020-12-18|EPI_ISL_777616|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1356B4/2020|2020-04-12|EPI_ISL_457086|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/LIVE-A2AC6/2020|2020-05-18|EPI_ISL_499873|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/ZE-RIVM-21040/2020|2020-12-30|EPI_ISL_791054|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUEH-9D1B77/2020|2020-09-16|EPI_ISL_573682|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-9FDB0C/2020|2020-10-01|EPI_ISL_587937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4108/2020|2020-07-01|EPI_ISL_648828|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10134/2020|2020-07-06|EPI_ISL_789334|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-BA0456/2020|2020-11-18|EPI_ISL_719740|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-CDC-2-3714570/2020|2020-12-04|EPI_ISL_751722|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-340143/2020|2020-10-27|EPI_ISL_721709|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Portugal/PT0843/2020|2020-03-22|EPI_ISL_511102|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-19536/2020|2020-12-07|EPI_ISL_749014|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5125/2020|2020-09-21|EPI_ISL_621663|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47E75F/2020|2020-09-29|EPI_ISL_595496|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Gansu/NPRC0003/2020|2020-02-24|EPI_ISL_575329|Vero|hCoV-19^^Gansu|Human|National Institute for Viral Disease Control and Prevention|National Institute for Viral Disease Control and Prevention|Gao|China

>Spike|hCoV-19/England/MILK-BB0338/2020|2020-11-17|EPI_ISL_720150|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B9F2E/2020|2020-09-06|EPI_ISL_549594|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-618/2020|2020-09-22|EPI_ISL_578046|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CZB-14836/2020|2020-11-19|EPI_ISL_738969|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/MILK-9E08F6/2020|2020-09-21|EPI_ISL_601419|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6518/2020|2020-07-28|EPI_ISL_521289|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUIH-9F6A8E/2020|2020-09-27|EPI_ISL_600745|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-B2C9AE/2020|2020-11-01|EPI_ISL_646645|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-MSK-1A/2020|2020-04-14|EPI_ISL_583427|Original|hCoV-19^^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/USA/MN-MDH-1223/2020|2020-06-03|EPI_ISL_477312|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-9EDCDF/2020|2020-05-08|EPI_ISL_580697|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2046/2020|2020-03-20|EPI_ISL_500617|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/MILK-AB7F01/2020|2020-10-21|EPI_ISL_623732|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462874/2020|2020-10-29|EPI_ISL_615041|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUIH-9AF35C/2020|2020-08-29|EPI_ISL_559837|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1127/2020|2020-04-05|EPI_ISL_445175|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/204200157/2020|2020-10-09|EPI_ISL_609869|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-17-3/2020|2020-07-02|EPI_ISL_523038|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-QDX-321/2020|2020-03-22|EPI_ISL_571065|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-B3E04A/2020|2020-10-31|EPI_ISL_679842|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3535/2020|2020-07-27|EPI_ISL_561194|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Scotland/CVR2363/2020|2020-04-14|EPI_ISL_477918|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14468/2020|2020-10-07|EPI_ISL_787753|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC14749/2020|2020-08-24|EPI_ISL_592985|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-10D696F/2020|2020-12-17|EPI_ISL_727979|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9CA6/2020|2020-09-24|EPI_ISL_579992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B69495/2020|2020-11-11|EPI_ISL_676314|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08804/2020|2020-04-05|EPI_ISL_475121|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-CHLA-PLM72903549/2020|2020-11-16|EPI_ISL_753349|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/QEUH-A4CCBF/2020|2020-10-08|EPI_ISL_596041|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NOTT-11C7DE/2020|2020-11-17|EPI_ISL_650979|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/IC-0063/2020|2020-06-00|EPI_ISL_591405|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20118158906/2020|2020-03-12|EPI_ISL_464986|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5322/2020|2020-06-25|EPI_ISL_544679|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wuhan/0126-C106/2020|2020-01-26|EPI_ISL_493186|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/England/MILK-A23C54/2020|2020-10-03|EPI_ISL_595111|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUH-B13DAE/2020|2020-11-02|EPI_ISL_641834|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW140/2020|2020-03-25|EPI_ISL_427799|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/CA-SEARCH-5335/2020|2020-12-08|EPI_ISL_755154|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/SAP231/2020|2020-03-16|EPI_ISL_483077|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Scotland/CVR2986/2020|2020-04-23|EPI_ISL_449179|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/MILK-9C2256/2020|2020-09-11|EPI_ISL_566552|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65807/2020|2020-10-11|EPI_ISL_637650|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NOTT-10F219/2020|2020-04-01|EPI_ISL_432977|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0459/2020|2020-05-18|EPI_ISL_698629|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUH-AD43A8/2020|2020-10-26|EPI_ISL_634700|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9CE21E/2020|2020-09-14|EPI_ISL_590101|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA30E/2020|2020-11-23|EPI_ISL_703245|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-2599E9E/2020|2020-05-02|EPI_ISL_482076|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A1C2/2020|2020-12-09|EPI_ISL_731527|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3139/2020|2020-06-11|EPI_ISL_544021|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-LACPHL-AA00006/2020|2020-08-03|EPI_ISL_710104|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20846/2020|2020-04-29|EPI_ISL_471867|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-21936/2020|2020-12-21|EPI_ISL_758463|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/AG-ETHZ-420519/2020|2020-12-22|EPI_ISL_767984|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/BC_09273580/2020|2020-05-00|EPI_ISL_477070|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/SC-DHEC-0032/2020|2020-03-20|EPI_ISL_529174|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/England/CAMC-B344A2/2020|2020-11-06|EPI_ISL_659655|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200173/2020|2020-04-03|EPI_ISL_578399|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-9530E7/2020|2020-06-11|EPI_ISL_553674|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8753/2020|2020-10-23|EPI_ISL_650798|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Australia/NSW802/2020|2020-04-13|EPI_ISL_526144|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMC-AEACA4/2020|2020-10-26|EPI_ISL_633217|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2447/2020|2020-06-16|EPI_ISL_497079|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Costa Rica/03/2020|2020-03-17|EPI_ISL_434536|Original|hCoV-19^^Costa Rica|Human|Hospital San Vicente de Paul|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/Spain/VC-IBV-98004414/2020|2020-04-13|EPI_ISL_583919|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-C050D/2020|2020-03-25|EPI_ISL_420233|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3726/2020|2020-07-21|EPI_ISL_548444|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-B8102A/2020|2020-11-14|EPI_ISL_661840|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-136EE8/2020|2020-04-20|EPI_ISL_471934|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/LOND-D4C98/2020|2020-04-15|EPI_ISL_449672|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494B57/2020|2020-11-24|EPI_ISL_726221|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-72EF0/2020|2020-03-23|EPI_ISL_439956|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-C23214/2020|2020-12-06|EPI_ISL_733598|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9CF16B/2020|2020-09-15|EPI_ISL_590052|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15829/2020|2020-11-23|EPI_ISL_714046|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Vietnam/PIHCM-462/2020|2020-03-23|EPI_ISL_654886|Vero E6|hCoV-19^^Ho Chi Minh city|Human|Pasteur Institute in Ho Chi Minh city|Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city|Vu|Viet Nam

>Spike|hCoV-19/Portugal/PT1374/2020|2020-03-25|EPI_ISL_511333|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/LOND-125FE6D/2020|2020-04-06|EPI_ISL_516878|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205141222/2020|2020-12-16|EPI_ISL_756157|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1069/2020|2020-06-01|EPI_ISL_614494|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A67F00/2020|2020-10-12|EPI_ISL_608556|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6643/2020|2020-07-00|EPI_ISL_687755|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA4A24/2020|2020-10-21|EPI_ISL_625146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3117/2020|2020-08-06|EPI_ISL_549140|Original|hCoV-19^^Oslo|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/CA-IGI-0106/2020|2020-06-10|EPI_ISL_495128|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/Denmark/DCGC-2016/2020|2020-07-27|EPI_ISL_618242|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A95FAF/2020|2020-10-19|EPI_ISL_624810|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E0A8/2020|2020-10-05|EPI_ISL_586606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C7569F/2020|2020-12-15|EPI_ISL_768909|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/skmc-008/2020|2020-02-21|EPI_ISL_582617|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/England/CAMB-1B6ED1/2020|2020-10-17|EPI_ISL_638038|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Portugal/PT1541/2020|2020-06-04|EPI_ISL_693555|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/VA-DCLS-0938/2020|2020-05-21|EPI_ISL_522802|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-9234/2020|2020-11-16|EPI_ISL_668863|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14139/2020|2020-10-01|EPI_ISL_787424|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B997EE/2020|2020-11-15|EPI_ISL_673311|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2008161334/2020|2020-08-16|EPI_ISL_677300|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/QEUH-A89ECF/2020|2020-10-15|EPI_ISL_638829|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Belgium/reg-0916980/2020|2020-09-16|EPI_ISL_734970|Original|hCoV-19^^Winksele|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Taiwan/TSGH-24/2020|2020-04-02|EPI_ISL_436099|Original|hCoV-19^^Taipei|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/Australia/VIC15977/2020|2020-08-01|EPI_ISL_641176|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-950DE3/2020|2020-06-17|EPI_ISL_554225|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CAD99/2020|2020-09-16|EPI_ISL_575606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A69AE/2020|2020-09-01|EPI_ISL_550234|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-125F9E/2020|2020-04-10|EPI_ISL_459020|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-09231003/2020|2020-09-23|EPI_ISL_735026|Original|hCoV-19^^Sint-Stevens-Woluwe|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MN-MDH-1744/2020|2020-04-10|EPI_ISL_576253|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-C3C351/2020|2020-12-10|EPI_ISL_731037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2470/2020|2020-04-23|EPI_ISL_491627|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QUEH-A75E3F/2020|2020-10-15|EPI_ISL_612197|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B37506/2020|2020-11-05|EPI_ISL_645287|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SE-6549/2020|2020-04-26|EPI_ISL_541379|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/United Arab Emirates/0793/2020|2020-05-19|EPI_ISL_698933|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-B1F7D1/2020|2020-11-01|EPI_ISL_646037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CB-IBV-98007086/2020|2020-04-03|EPI_ISL_582109|Original|hCoV-19^^Cantabria|Human|Hospital Universitario Marqu\u00e9s de Valdecilla - IDIVAL (Santander|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-1DD45A/2020|2020-10-03|EPI_ISL_594852|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Germany/BAV-MVP0108/2020|2020-04-13|EPI_ISL_548950|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Switzerland/BE-ETHZ-300432/2020|2020-09-30|EPI_ISL_603387|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Norway/2382/2020|2020-03-30|EPI_ISL_449789|Original|hCoV-19^^Norway|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/Switzerland/Vs-ETHZ-420703/2020|2020-12-24|EPI_ISL_768245|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/NH-EMC-90/2020|2020-10-14|EPI_ISL_632350|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A65AB6/2020|2020-10-11|EPI_ISL_608410|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9447B7/2020|2020-06-07|EPI_ISL_555721|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8A55E/2020|2020-12-17|EPI_ISL_756514|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20011/2020|2020-03-12|EPI_ISL_437098|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Portugal/PT1227/2020|2020-03-25|EPI_ISL_511770|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B597AE/2020|2020-11-06|EPI_ISL_679868|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00518/2020|2020-07-18|EPI_ISL_717907|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/MILK-994A91/2020|2020-08-25|EPI_ISL_552365|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A23BC0/2020|2020-10-03|EPI_ISL_595104|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6A3D3/2020|2020-11-11|EPI_ISL_662404|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3043/2020|2020-04-24|EPI_ISL_461631|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20063233/2020|2020-08-18|EPI_ISL_770076|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/QEUEH-C34438/2020|2020-12-11|EPI_ISL_734027|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-99915B/2020|2020-08-23|EPI_ISL_541792|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1291/2020|2020-05-02|EPI_ISL_494484|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-22171/2020|2020-12-14|EPI_ISL_758598|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-995ABE/2020|2020-08-23|EPI_ISL_551663|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/FR-EMC-49/2020|2020-05-27|EPI_ISL_523141|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Germany/HH-hpi-p2048/2020|2020-03-20|EPI_ISL_776338|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-16D56B/2020|2020-06-26|EPI_ISL_574251|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ACE778/2020|2020-10-21|EPI_ISL_629465|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13753/2020|2020-08-17|EPI_ISL_788846|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-8523/2020|2020-07-00|EPI_ISL_686119|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-CADDE/2020|2020-11-30|EPI_ISL_702607|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/OH_0023/2020|2020-03-08|EPI_ISL_424880|Original|hCoV-19^^Ohio|Human|OH Department of Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/WI-GMF-22325/2020|2020-09-25|EPI_ISL_660854|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-310357/2020|2020-10-07|EPI_ISL_603431|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR5126/2020|2020-10-16|EPI_ISL_650730|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/SHEF-CE3AB/2020|2020-10-27|EPI_ISL_653085|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/NA_283/2020|2020-03-31|EPI_ISL_422592|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B83301/2020|2020-11-14|EPI_ISL_675607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-ALSR-0066-NBG/2020|2020-03-23|EPI_ISL_434523|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORW-F10B7/2020|2020-10-14|EPI_ISL_626954|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-BB0417/2020|2020-11-17|EPI_ISL_720029|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496DE6/2020|2020-11-25|EPI_ISL_726731|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BBFFEA/2020|2020-11-22|EPI_ISL_704848|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-14353/2020|2020-07-08|EPI_ISL_776680|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/South Korea/A7/2020|2020-04-17|EPI_ISL_485391|Original|hCoV-19^^Seoul|Human|University of Ulsan College of Medicine and Asan Medical Center|University of Ulsan College of Medicine and Asan Medical Center|Yoon|South Korea

>Spike|hCoV-19/USA/CA-CZB-2224/2020|2020-05-31|EPI_ISL_513772|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-6907/2020|2020-10-12|EPI_ISL_619753|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Egypt/C-CU002b-S3/2020|2020-06-19|EPI_ISL_529032|Original|hCoV-19^^Cairo|Human|Central Molecular Microbiology Laboratory and Next Generation Sequencing Reference Laboratory|Next Generation Sequencing Reference Laboratory|Aziz|Egypt

>Spike|hCoV-19/Bangladesh/CHRF-0027/2020|2020-06-16|EPI_ISL_477136|Original|hCoV-19^^Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/Australia/NSW2914/2020|2020-10-11|EPI_ISL_678367|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Spain/AR-IBV-98010737/2020|2020-11-12|EPI_ISL_722272|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-6349/2020|2020-09-28|EPI_ISL_622318|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC1639/2020|2020-05-02|EPI_ISL_456542|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-7427/2020|2020-07-00|EPI_ISL_688529|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Peru/LIM-UPCH-0003/2020|2020-06-17|EPI_ISL_529065|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Brazil/SP-789/2020|2020-07-01|EPI_ISL_735427|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Santos|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/WI-UW-595/2020|2020-06-25|EPI_ISL_484970|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC5864/2020|2020-07-20|EPI_ISL_518657|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1445/2020|2020-03-26|EPI_ISL_514664|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-1ADE73/2020|2020-04-25|EPI_ISL_459421|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15541/2020|2020-10-24|EPI_ISL_787025|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B82D3/2020|2020-10-19|EPI_ISL_637741|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-SCCPHD-UC149/2020|2020-03-10|EPI_ISL_435628|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/India/MH-ACTREC-559/2020|2020-08-29|EPI_ISL_700204|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/QEUEH-9CE3DF/2020|2020-09-16|EPI_ISL_601965|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9ACDBB/2020|2020-09-06|EPI_ISL_560006|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MN59-MDH59/2020|2020-03-14|EPI_ISL_417503|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/England/CAMB-739A3/2020|2020-00-00|EPI_ISL_425261|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28F9C/2020|2020-04-01|EPI_ISL_432131|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2249/2020|2020-11-03|EPI_ISL_723496|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-94EA87/2020|2020-06-17|EPI_ISL_554996|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A9F19/2020|2020-04-10|EPI_ISL_538770|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BE97EF/2020|2020-12-03|EPI_ISL_708891|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3539/2020|2020-12-14|EPI_ISL_744108|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4360/2020|2020-07-15|EPI_ISL_519656|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-C32E5A/2020|2020-12-11|EPI_ISL_733988|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52EA0/2020|2020-11-09|EPI_ISL_657626|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-8698/2020|2020-05-06|EPI_ISL_570217|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-953E1A/2020|2020-06-12|EPI_ISL_554579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4495/2020|2020-07-00|EPI_ISL_692718|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/ME-HETL-J0267/2020|2020-09-29|EPI_ISL_755413|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/CAMC-BC1808/2020|2020-11-22|EPI_ISL_702703|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-272B2/2020|2020-03-30|EPI_ISL_432062|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8834/2020|2020-10-26|EPI_ISL_626107|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2E3FA/2020|2020-10-06|EPI_ISL_586717|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D1D7A/2020|2020-10-14|EPI_ISL_611528|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-005602/2020|2020-03-26|EPI_ISL_508648|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-94A845/2020|2020-06-12|EPI_ISL_556323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0414492/2020|2020-04-14|EPI_ISL_734575|Original|hCoV-19^^Heusden-Zolder|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-99092F/2020|2020-08-26|EPI_ISL_551868|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08678/2020|2020-05-26|EPI_ISL_524401|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-16DF9A/2020|2020-09-30|EPI_ISL_585647|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1926/2020|2020-06-21|EPI_ISL_765897|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-1034/2020|2020-03-09|EPI_ISL_614585|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/IB-IBV-99010843/2020|2020-09-09|EPI_ISL_691648|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/AR-QDX-377/2020|2020-03-23|EPI_ISL_571018|Original|hCoV-19^^Arkansas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Malaysia/IMR_WC80109/2020|2020-05-23|EPI_ISL_490094|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Wales/PHWC-4A46F9/2020|2020-12-16|EPI_ISL_764724|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96D76D/2020|2020-08-20|EPI_ISL_534610|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51536/2020|2020-05-14|EPI_ISL_510829|Original|hCoV-19^^Sormland|Human|Unilabs Eskilstuna|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-85762E/2020|2020-07-15|EPI_ISL_557322|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-71EDC5/2020|2020-07-01|EPI_ISL_557627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14508/2020|2020-10-09|EPI_ISL_787793|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Austria/CeMM0797/2020|2020-05-15|EPI_ISL_583707|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/MA-MGH-00183/2020|2020-03-27|EPI_ISL_460362|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/BIRM-6A9AF/2020|2020-11-11|EPI_ISL_651635|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/LIVE-DAE492/2020|2020-10-14|EPI_ISL_627106|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/SAP291/2020|2020-03-27|EPI_ISL_483088|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Iceland/153/2020|2020-03-13|EPI_ISL_417802|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Portugal/PT0137/2020|2020-03-26|EPI_ISL_453853|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/India/TG-CCMB-R159/2020|2020-08-09|EPI_ISL_539622|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Australia/NSW210/2020|2020-03-25|EPI_ISL_427766|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12153/2020|2020-09-21|EPI_ISL_790226|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-3704/2020|2020-06-16|EPI_ISL_543122|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B2CDC0/2020|2020-11-04|EPI_ISL_659918|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5970/2020|2020-06-30|EPI_ISL_547133|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-003673/2020|2020-04-01|EPI_ISL_467223|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-1598/2020|2020-09-21|EPI_ISL_605475|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMB-7E93F/2020|2020-04-08|EPI_ISL_442611|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2008833/2020|2020-06-01|EPI_ISL_524853|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/AZ-TG381367/2020|2020-06-15|EPI_ISL_694658|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/England/BIRM-67D79/2020|2020-11-04|EPI_ISL_650772|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/England/MILK-B8F350/2020|2020-11-13|EPI_ISL_675340|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/OXON-B0B95/2020|2020-04-17|EPI_ISL_478940|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-278030-01/2020|2020-11-22|EPI_ISL_754609|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Spain/MD-IBV-99008740/2020|2020-10-16|EPI_ISL_654266|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/England/LOND-124D363/2020|2020-03-23|EPI_ISL_507088|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19/England/QEUEH-9E4C23/2020|2020-09-22|EPI_ISL_579799|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Ireland/MN-NVRL-MPH48921/2020|2020-04-17|EPI_ISL_767732|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland
>Spike|hCoV-19/England/202822175/2020|2020-06-14|EPI_ISL_490232|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/QEUEH-CC7B62/2020|2020-12-22|EPI_ISL_760376|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC21893/2020|2020-04-06|EPI_ISL_565954|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/NORT-283B3F/2020|2020-04-03|EPI_ISL_488504|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-4AD1B3/2020|2020-06-14|EPI_ISL_559603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB5998/2020|2020-05-05|EPI_ISL_487787|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-4066/2020|2020-06-18|EPI_ISL_543339|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/MILK-B56B5A/2020|2020-11-06|EPI_ISL_656980|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-4795/2020|2020-09-21|EPI_ISL_621405|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/IGC4108/2020|2020-06-01|EPI_ISL_491233|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/Austria/CeMM0681/2020|2020-04-13|EPI_ISL_583641|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/20169002104/2020|2020-04-17|EPI_ISL_465169|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Sweden/20-08328/2020|2020-03-22|EPI_ISL_475098|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Canada/QC-LSPQ-L00242011/2020|2020-03-28|EPI_ISL_536302|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/India/MH-ACTREC-567/2020|2020-08-31|EPI_ISL_700211|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/CAMB-1B2D6F/2020|2020-05-18|EPI_ISL_477791|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-9620D6/2020|2020-08-10|EPI_ISL_531746|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004230/2020|2020-04-05|EPI_ISL_500294|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-12484/2020|2020-09-27|EPI_ISL_790360|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital Long|USA

>Spike|hCoV-19/England/ALDP-A6E561/2020|2020-10-15|EPI_ISL_607830|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13289/2020|2020-11-30|EPI_ISL_712709|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1529/2020|2020-03-15|EPI_ISL_776027|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMB-1BB5F5/2020|2020-11-22|EPI_ISL_664150|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-BA3D3A/2020|2020-11-17|EPI_ISL_720981|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5CFE/2020|2020-08-28|EPI_ISL_590453|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F3580/2020|2020-09-24|EPI_ISL_588580|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498485/2020|2020-12-01|EPI_ISL_727079|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EE40C/2020|2020-04-24|EPI_ISL_490539|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-2095/2020|2020-03-00|EPI_ISL_685700|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/RJ-2044/2020|2020-04-15|EPI_ISL_456101|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/QEUA-B0EAAF/2020|2020-11-02|EPI_ISL_642064|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC6399/2020|2020-11-20|EPI_ISL_721481|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-3046/2020|2020-09-30|EPI_ISL_667456|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/VIC9231/2020|2020-08-11|EPI_ISL_565455|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/GJ-GBRC-387a/2020|2020-07-11|EPI_ISL_524749|Original|hCoV-19^^Gujarat|Human|Sir M P Shah Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/TX-DSHS-2044/2020|2020-11-23|EPI_ISL_766660|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-B05756/2020|2020-10-24|EPI_ISL_652195|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DBEA1/2020|2020-09-22|EPI_ISL_575341|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0204/2020|2020-09-15|EPI_ISL_560817|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Scotland/EDB1131/2020|2020-04-07|EPI_ISL_491585|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR08018/2020|2020-11-09|EPI_ISL_732420|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0081v1/2020|2020-04-13|EPI_ISL_644279|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/NORT-291D74/2020|2020-05-05|EPI_ISL_489153|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462862/2020|2020-10-29|EPI_ISL_615029|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Italy/LOM-UniMI01/2020|2020-02-24|EPI_ISL_417445|Vero E6 P1|hCoV-19^^Lombardy|Human|Laboratory of Infectious Diseases|Laboratory of Infectious Diseases|Zehender|Italy

>Spike|hCoV-19/England/ALDP-9559EA/2020|2020-06-12|EPI_ISL_555483|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1023C8/2020|2020-03-18|EPI_ISL_441409|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16AA14/2020|2020-09-09|EPI_ISL_560140|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A44EA2/2020|2020-10-06|EPI_ISL_598823|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A87BAC/2020|2020-10-17|EPI_ISL_606088|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6537/2020|2020-08-00|EPI_ISL_687651|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C8B6D2/2020|2020-12-16|EPI_ISL_756556|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00738/2020|2020-04-09|EPI_ISL_791737|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/CAMC-B37FCC/2020|2020-11-05|EPI_ISL_658933|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D4CF/2020|2020-10-15|EPI_ISL_608168|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C489D8/2020|2020-12-12|EPI_ISL_736753|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1317/2020|2020-03-31|EPI_ISL_654900|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-CB4D71/2020|2020-12-17|EPI_ISL_761146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6391/2020|2020-07-24|EPI_ISL_521183|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B84E69/2020|2020-11-14|EPI_ISL_675826|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDE3F/2020|2020-06-03|EPI_ISL_584531|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000391/2020|2020-04-06|EPI_ISL_631877|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12670/2020|2020-08-30|EPI_ISL_790454|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-2980/2020|2020-09-02|EPI_ISL_635769|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-AB8D06/2020|2020-10-22|EPI_ISL_623765|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-96FC5D/2020|2020-08-17|EPI_ISL_540305|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-126459D/2020|2020-11-18|EPI_ISL_705967|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/HI-H200135/2020|2020-07-10|EPI_ISL_752698|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Canada/ON-UHTC_0053/2020|2020-04-07|EPI_ISL_464004|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/CAMB-1B88D1/2020|2020-10-30|EPI_ISL_651542|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/C200045799/2020|2020-11-10|EPI_ISL_664081|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC10598/2020|2020-08-02|EPI_ISL_562979|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/ULG-8808/2020|2020-03-19|EPI_ISL_418644|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-CHLA-PLM50354444/2020|2020-12-02|EPI_ISL_753579|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Denmark/DCGC-13230/2020|2020-11-30|EPI_ISL_712665|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20149012804/2020|2020-04-03|EPI_ISL_466155|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-J232/2020|2020-04-02|EPI_ISL_447576|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Saint Martin/IPG-7354/2020|2020-04-02|EPI_ISL_613453|Original|hCoV-19^^Saint Martin|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Saint Martin

>Spike|hCoV-19/France/OCC-177/2020|2020-10-05|EPI_ISL_751495|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Switzerland/SH-ETHZ-420087/2020|2020-12-18|EPI_ISL_768165|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S676/2020|2020-04-07|EPI_ISL_449846|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-9570D4/2020|2020-06-10|EPI_ISL_554258|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5A6EC/2020|2020-11-06|EPI_ISL_658384|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5688/2020|2020-11-05|EPI_ISL_651910|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_26/2020|2020-04-19|EPI_ISL_461014|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20119001804/2020|2020-03-10|EPI_ISL_465005|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-9C8108/2020|2020-09-11|EPI_ISL_567083|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49827C/2020|2020-12-01|EPI_ISL_727046|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B3F9C6/2020|2020-11-08|EPI_ISL_658561|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20611/2020|2020-12-21|EPI_ISL_759252|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-96D18D/2020|2020-08-18|EPI_ISL_530696|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11562/2020|2020-11-02|EPI_ISL_670739|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-99008473/2020|2020-08-08|EPI_ISL_654057|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-1610/2020|2020-04-13|EPI_ISL_619378|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-166535/2020|2020-06-15|EPI_ISL_494012|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3046/2020|2020-04-00|EPI_ISL_691169|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S1367/2020|2020-05-18|EPI_ISL_495817|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-425/2020|2020-08-11|EPI_ISL_523764|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9D790E/2020|2020-09-18|EPI_ISL_576598|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-282/2020|2020-05-27|EPI_ISL_523261|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORT-1B7982A/2020|2020-11-29|EPI_ISL_741437|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000852/2020|2020-03-11|EPI_ISL_452699|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-AA38D0/2020|2020-10-22|EPI_ISL_630925|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0551/2020|2020-05-15|EPI_ISL_698712|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/South Africa/KRISP-K002625/2020|2020-07-29|EPI_ISL_535488|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Scotland/QEUA-A0BC52/2020|2020-10-03|EPI_ISL_599344|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3788/2020|2020-04-00|EPI_ISL_692039|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B1A2D/2020|2020-05-15|EPI_ISL_452996|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-SR0341/2020|2020-05-08|EPI_ISL_450190|Original|hCoV-19^^California|Human|Rady's Childrens Hospital|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-Wadsworth-11171-01/2020|2020-03-06|EPI_ISL_525579|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Belgium/ULG-10562/2020|2020-10-23|EPI_ISL_626323|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/OXON-B1DF8/2020|2020-00-00|EPI_ISL_479094|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-F3871/2020|2020-10-27|EPI_ISL_637864|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0672/2020|2020-03-24|EPI_ISL_509730|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-110019/2020|2020-04-01|EPI_ISL_486459|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-498704/2020|2020-11-25|EPI_ISL_727115|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0285/2020|2020-04-15|EPI_ISL_667082|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-548/2020|2020-09-16|EPI_ISL_577976|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-ACDA07/2020|2020-10-21|EPI_ISL_634383|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2061/2020|2020-03-21|EPI_ISL_776345|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-B09A4A/2020|2020-10-31|EPI_ISL_673162|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139003404/2020|2020-03-27|EPI_ISL_421850|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-E8DDA/2020|2020-04-26|EPI_ISL_461810|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-BDB601/2020|2020-11-26|EPI_ISL_709708|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CruiseA-19/2020|2020-02-18|EPI_ISL_414479|Original|hCoV-19^^USA|Human|unknown|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-C48D72/2020|2020-12-10|EPI_ISL_736600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1020EF/2020|2020-03-21|EPI_ISL_441380|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-BAC232/2020|2020-11-18|EPI_ISL_783343|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18460/2020|2020-11-19|EPI_ISL_784808|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-AE232F/2020|2020-10-27|EPI_ISL_633427|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr320/2020|2020-08-17|EPI_ISL_636865|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Luxembourg/LNS5731562/2020|2020-03-18|EPI_ISL_417529|Original|hCoV-19^^Luxembourg|Human|Laboratoire Nationale de Sant\u00e9|Laboratoire Nationale de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-A666A2/2020|2020-10-11|EPI_ISL_627322|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-A96445/2020|2020-10-20|EPI_ISL_624878|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A44CC6/2020|2020-10-06|EPI_ISL_598640|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-974727/2020|2020-08-21|EPI_ISL_575795|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/DVG-0325146/2020|2020-03-25|EPI_ISL_420403|Original|hCoV-19^^Geraardsbergen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/VIC4711/2020|2020-07-16|EPI_ISL_519099|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/204881383/2020|2020-11-27|EPI_ISL_754333|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-280230/2020|2020-09-10|EPI_ISL_560529|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-13080/2020|2020-08-27|EPI_ISL_788231|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-94C807/2020|2020-06-15|EPI_ISL_555900|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5085/2020|2020-07-17|EPI_ISL_519888|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S683/2020|2020-04-07|EPI_ISL_449853|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMB-837B5/2020|2020-04-15|EPI_ISL_443572|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13536/2020|2020-06-11|EPI_ISL_672025|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/India/TG-CCMB-J057/2020|2020-03-31|EPI_ISL_447563|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Denmark/DCGC-10028/2020|2020-11-09|EPI_ISL_669346|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16C2ED/2020|2020-09-10|EPI_ISL_574037|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00007/2020|2020-12-16|EPI_ISL_737242|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Belgium/reg-0909929/2020|2020-09-09|EPI_ISL_734918|Original|hCoV-19^^Haacht|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-10223/2020|2020-07-07|EPI_ISL_789376|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-D5909/2020|2020-04-17|EPI_ISL_457277|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-975AF0/2020|2020-08-20|EPI_ISL_552555|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA1938/2020|2020-11-18|EPI_ISL_719702|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42199864/2020|2020-03-20|EPI_ISL_528255|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-2820/2020|2020-08-17|EPI_ISL_616456|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB6123/2020|2020-05-13|EPI_ISL_478233|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-C57BC1/2020|2020-12-12|EPI_ISL_736243|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4173/2020|2020-09-14|EPI_ISL_621993|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_214/2020|2020-03-25|EPI_ISL_422749|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9EA2B2/2020|2020-09-24|EPI_ISL_580030|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11950/2020|2020-09-17|EPI_ISL_790144|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-11244/2020|2020-11-02|EPI_ISL_670791|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-UW-799/2020|2020-07-07|EPI_ISL_495503|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-4A0280/2020|2020-12-04|EPI_ISL_743420|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR3273/2020|2020-05-06|EPI_ISL_456773|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR4972/2020|2020-10-06|EPI_ISL_594735|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-MSK-10B/2020|2020-05-02|EPI_ISL_583465|Original|hCoV-19^^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/England/QEUA-A1EB8C/2020|2020-09-29|EPI_ISL_587474|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009131675/2020|2020-09-12|EPI_ISL_710224|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Ireland/OY-NVRL-20G43526/2020|2020-03-24|EPI_ISL_681889|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/MD-MDH-0483/2020|2020-11-12|EPI_ISL_710097|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/South Africa/KRISP-0167/2020|2020-06-02|EPI_ISL_467517|Original|hCoV-19^^KwaZulu-Natal|Human|NHLIS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Sierra Leone/KGH-G-8604/2020|2020-04-03|EPI_ISL_512814|Original|hCoV-19^^Sierra Leone|Human|Kenema Government Hospital|Kenema Government Hospital|Sandi|Sierra Leone

>Spike|hCoV-19/Japan/PG-8575/2020|2020-08-00|EPI_ISL_686171|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS2447440/2020|2020-10-18|EPI_ISL_740126|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-49DE64/2020|2020-12-04|EPI_ISL_742920|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-0022/2020|2020-03-18|EPI_ISL_423043|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/CAMB-1B4FD0/2020|2020-06-17|EPI_ISL_477809|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-B821AE/2020|2020-11-14|EPI_ISL_668214|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3E56A/2020|2020-10-06|EPI_ISL_609677|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4026/2020|2020-08-29|EPI_ISL_535125|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Finland/2A10SVIIC/2020|2020-04-02|EPI_ISL_481650|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Oman/RESP-20-5414/2020|2020-03-24|EPI_ISL_457993|Original|hCoV-19^^Dakhiliyah|Human|Oman-NIC|Oman-NIC|Al Mahruqi|Oman

>Spike|hCoV-19/England/205260860/2020|2020-12-18|EPI_ISL_754326|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-292669/2020|2020-05-12|EPI_ISL_489097|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-29389-01/2020|2020-03-24|EPI_ISL_525631|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Japan/PG-1414/2020|2020-04-00|EPI_ISL_685021|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AR-IBV-97010748/2020|2020-10-02|EPI_ISL_779736|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Japan/PG-1918/2020|2020-03-00|EPI_ISL_685524|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-19972/2020|2020-12-07|EPI_ISL_747562|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-5AA9EA/2020|2020-06-15|EPI_ISL_558628|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18492/2020|2020-12-07|EPI_ISL_749400|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B42298/2020|2020-11-08|EPI_ISL_657041|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2159/2020|2020-10-28|EPI_ISL_734241|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-14285/2020|2020-11-30|EPI_ISL_711673|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-481443/2020|2020-04-28|EPI_ISL_559694|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99011536/2020|2020-12-15|EPI_ISL_779884|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-B08674/2020|2020-10-29|EPI_ISL_643744|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28AE5D/2020|2020-04-16|EPI_ISL_492943|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1545/2020|2020-08-28|EPI_ISL_568643|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC6128/2020|2020-07-22|EPI_ISL_518142|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Finland/5LS4D11/2020|2020-10-05|EPI_ISL_756058|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-CB5A97/2020|2020-12-18|EPI_ISL_761898|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164713/2020|2020-05-09|EPI_ISL_474221|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9507F4/2020|2020-06-14|EPI_ISL_554434|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16058/2020|2020-11-16|EPI_ISL_714214|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B11BA6/2020|2020-11-02|EPI_ISL_642332|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482DCF/2020|2020-10-15|EPI_ISL_627740|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A1E779/2020|2020-09-29|EPI_ISL_587455|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0065/2020|2020-04-22|EPI_ISL_464030|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Canada/MB-NML-608/2020|2020-04-03|EPI_ISL_632913|Original|hCoV-19^^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial laboratory|Majer|Canada

>Spike|hCoV-19/USA/MI-UM-10036139449/2020|2020-09-25|EPI_ISL_590705|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/New Zealand/20VR3007/2020|2020-00-00|EPI_ISL_579379|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-94C2FA/2020|2020-07-16|EPI_ISL_556685|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10057/2020|2020-11-09|EPI_ISL_669367|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/C200003912/2020|2020-08-03|EPI_ISL_676510|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B78527/2020|2020-11-11|EPI_ISL_661640|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EA08/2020|2020-10-15|EPI_ISL_607968|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/LU-ETHZ-410188/2020|2020-12-12|EPI_ISL_737766|Original|hCoV-19^^Lucerne|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-5659/2020|2020-09-28|EPI_ISL_619946|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5179/2020|2020-06-21|EPI_ISL_544578|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-OICR-SLB2868/2020|2020-04-10|EPI_ISL_538385|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/MA-MGH-03429/2020|2020-11-12|EPI_ISL_765834|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-9EAE09/2020|2020-09-24|EPI_ISL_579973|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8E7FB/2020|2020-11-13|EPI_ISL_673952|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D213F/2020|2020-03-21|EPI_ISL_613282|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-54D55E/2020|2020-05-12|EPI_ISL_533412|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290636-01/2020|2020-12-24|EPI_ISL_767537|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CO-CDPHE-2009053300/2020|2020-09-04|EPI_ISL_710158|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-227/2020|2020-07-06|EPI_ISL_487367|Original|hCoV-19^^Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/AZ-TG408213/2020|2020-06-17|EPI_ISL_694949|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-C3EDF7/2020|2020-12-10|EPI_ISL_719226|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D432A/2020|2020-04-06|EPI_ISL_444117|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-B56A7B/2020|2020-11-04|EPI_ISL_656865|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-51F42B/2020|2020-06-02|EPI_ISL_559050|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C6F81/2020|2020-10-05|EPI_ISL_653071|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168867/2020|2020-04-20|EPI_ISL_494295|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Friesland_10/2020|2020-03-30|EPI_ISL_422566|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B4019D/2020|2020-11-08|EPI_ISL_657060|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5C73/2020|2020-09-10|EPI_ISL_567701|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1852F61/2020|2020-03-29|EPI_ISL_492368|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8B689/2020|2020-10-16|EPI_ISL_643180|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B636D1/2020|2020-11-09|EPI_ISL_656639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10828/2020|2020-11-13|EPI_ISL_661216|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUEH-7C86B0/2020|2020-07-23|EPI_ISL_532912|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD0CA/2020|2020-09-16|EPI_ISL_566158|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0563-SAN/2020|2020-05-10|EPI_ISL_483225|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-C4BDBB/2020|2020-12-14|EPI_ISL_736689|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/Rega-0327216/2020|2020-03-27|EPI_ISL_458186|Original|hCoV-19^^Givry|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/CVR3919/2020|2020-06-21|EPI_ISL_512467|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4906F0/2020|2020-11-13|EPI_ISL_706502|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0894/2020|2020-04-00|EPI_ISL_684504|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Serbia/Novi Pazar-00391007/2020|2020-07-09|EPI_ISL_644579|Original|hCoV-19^^Novi Pazar|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/England/MILK-9D453A/2020|2020-09-18|EPI_ISL_601674|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-860/2020|2020-05-18|EPI_ISL_614827|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-952A17/2020|2020-06-11|EPI_ISL_554062|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491678/2020|2020-06-25|EPI_ISL_695211|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410315/2020|2020-12-16|EPI_ISL_737568|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-UW-16246/2020|2020-07-10|EPI_ISL_776674|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/NY-Wadsworth-290345-01/2020|2020-12-18|EPI_ISL_765535|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-729FF/2020|2020-03-22|EPI_ISL_439558|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2806/2020|2020-07-30|EPI_ISL_526740|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMB-7FC53/2020|2020-04-16|EPI_ISL_433496|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-9D2156/2020|2020-09-18|EPI_ISL_601594|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16213/2020|2020-11-16|EPI_ISL_714642|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16003A/2020|2020-05-25|EPI_ISL_472885|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Taiwan/TSGH-06/2020|2020-03-15|EPI_ISL_427393|Original|hCoV-19^^Taipei|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/England/20118016704/2020|2020-03-11|EPI_ISL_464889|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15137/2020|2020-11-23|EPI_ISL_739252|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-6695/2020|2020-07-00|EPI_ISL_687806|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-001454/2020|2020-11-25|EPI_ISL_683817|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Spain/MD-IBV-97010031/2020|2020-03-11|EPI_ISL_779717|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-S2466/2020|2020-06-15|EPI_ISL_497098|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/BRIS-129A99/2020|2020-04-15|EPI_ISL_458320|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-367/2020|2020-07-21|EPI_ISL_514239|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/AZ-TG333445/2020|2020-05-27|EPI_ISL_694356|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Scotland/CVR5717/2020|2020-11-05|EPI_ISL_651931|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC14076/2020|2020-09-17|EPI_ISL_592344|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E6A45/2020|2020-09-24|EPI_ISL_580359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM28392841/2020|2020-11-30|EPI_ISL_753558|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/UT-UPHL-2008841/2020|2020-05-22|EPI_ISL_524858|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/ULG-9742/2020|2020-03-22|EPI_ISL_418665|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MI-MDHHS-SC20328/2020|2020-03-18|EPI_ISL_450607|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NORW-F0C1E/2020|2020-10-13|EPI_ISL_595205|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Korea/IHC597/2020|2020-02-20|EPI_ISL_540993|Vero|hCoV-19^^Gwangju|Human|Health and Environmental Research Institute of Gwangju Metropolitan city|Health and Environmental Research Institute of Gwangju Metropolitan city|Kim|South Korea

>Spike|hCoV-19/USA/TX-DSHS-1246/2020|2020-05-30|EPI_ISL_644187|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-AAF5FB/2020|2020-10-22|EPI_ISL_631101|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D02C4/2020|2020-12-20|EPI_ISL_765176|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13000/2020|2020-12-07|EPI_ISL_712519|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9F4367/2020|2020-09-25|EPI_ISL_588523|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC3832-CSIR-IGIB/2020|2020-05-20|EPI_ISL_482587|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Denmark/DCGC-4862/2020|2020-09-14|EPI_ISL_621548|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A572BF/2020|2020-10-15|EPI_ISL_597354|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB3D2/2020|2020-03-20|EPI_ISL_441417|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Bahrain/530223991_s30_L001/2020|2020-10-14|EPI_ISL_632906|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/MILK-A7A3A4/2020|2020-10-15|EPI_ISL_606673|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16326/2020|2020-11-16|EPI_ISL_714704|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A468DF/2020|2020-10-05|EPI_ISL_598732|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-76IRL32009/2020|2020-10-18|EPI_ISL_732483|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9973/2020|2020-07-06|EPI_ISL_780361|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B69F2B/2020|2020-11-11|EPI_ISL_655077|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94F1AF/2020|2020-06-20|EPI_ISL_556328|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38E55/2020|2020-11-01|EPI_ISL_658841|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4051/2020|2020-06-18|EPI_ISL_543327|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20146001704/2020|2020-04-01|EPI_ISL_423572|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7E855/2020|2020-11-14|EPI_ISL_668220|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11F3C8/2020|2020-05-12|EPI_ISL_679967|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3214/2020|2020-07-27|EPI_ISL_635914|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/WB-ACTREC-076/2020|2020-05-18|EPI_ISL_699732|Original|hCoV-19^^West Bengal|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/MA-MGH-00150/2020|2020-03-26|EPI_ISL_460462|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/India/MH-GA2/2020|2020-06-17|EPI_ISL_508215|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/BIRM-605B4/2020|2020-05-28|EPI_ISL_477732|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-6702/2020|2020-07-00|EPI_ISL_687813|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-2837/2020|2020-09-02|EPI_ISL_667343|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Scotland/QEUI-A32241/2020|2020-10-07|EPI_ISL_627303|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410340/2020|2020-12-17|EPI_ISL_737398|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-110682/2020|2020-04-20|EPI_ISL_441544|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUI-960B7D/2020|2020-08-03|EPI_ISL_532050|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-101/2020|2020-03-15|EPI_ISL_436196|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Singapore/8/2020|2020-02-03|EPI_ISL_410714|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/NORT-282990/2020|2020-03-27|EPI_ISL_488647|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-GD00687523/2020|2020-11-25|EPI_ISL_736993|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B7A473/2020|2020-11-12|EPI_ISL_741113|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/IDF-9449/2020|2020-10-12|EPI_ISL_614285|Original|hCoV-19^^\u00cele-de-France|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Switzerland/BS-UHB-42202292/2020|2020-03-22|EPI_ISL_528332|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Germany/HH-hpi-p2366/2020|2020-03-24|EPI_ISL_775883|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Spain/VC-FISABIO-181/2020|2020-03-22|EPI_ISL_436276|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-9918B8/2020|2020-08-26|EPI_ISL_577000|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUI-7A7E55/2020|2020-07-11|EPI_ISL_533051|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6288/2020|2020-04-03|EPI_ISL_487724|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2230/2020|2020-03-12|EPI_ISL_604591|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-B1A3E1/2020|2020-11-01|EPI_ISL_646138|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76E38/2020|2020-03-31|EPI_ISL_425432|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/United Arab Emirates/1069/2020|2020-06-11|EPI_ISL_708827|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Spain/MD-IBV-99008585/2020|2020-09-21|EPI_ISL_654125|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Germany/NW-HHU-505/2020|2020-09-17|EPI_ISL_770721|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/LA-EVTL692/2020|2020-07-14|EPI_ISL_653384|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/GSTT-5178/2020|2020-03-18|EPI_ISL_560655|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Scotland/CVR5315/2020|2020-10-22|EPI_ISL_651752|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-C860CA/2020|2020-12-17|EPI_ISL_756499|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD4609/2020|2020-10-26|EPI_ISL_634625|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204501161/2020|2020-11-02|EPI_ISL_660785|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A57CA2/2020|2020-10-09|EPI_ISL_597285|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6C53EA/2020|2020-07-01|EPI_ISL_556119|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-941170/2020|2020-07-29|EPI_ISL_532637|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496F4A/2020|2020-11-25|EPI_ISL_726752|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-488/2020|2020-03-23|EPI_ISL_571222|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Austria/CeMM0246/2020|2020-03-21|EPI_ISL_438076|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/South Korea/KCDC2305/2020|2020-05-25|EPI_ISL_510641|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-13323/2020|2020-11-30|EPI_ISL_712728|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B6346E/2020|2020-11-09|EPI_ISL_656613|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FBB43/2020|2020-04-12|EPI_ISL_470014|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA077C/2020|2020-10-22|EPI_ISL_624131|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9A94C8/2020|2020-09-01|EPI_ISL_551058|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-IB19/2020|2020-06-17|EPI_ISL_508297|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/LIVE-DC4609/2020|2020-11-10|EPI_ISL_705897|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2C44/2020|2020-12-13|EPI_ISL_743997|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-1266C69/2020|2020-12-10|EPI_ISL_741191|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-5904/2020|2020-08-00|EPI_ISL_689019|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC20212/2020|2020-03-17|EPI_ISL_447183|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Spain/CL-IBV-97006255/2020|2020-04-20|EPI_ISL_537627|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Ireland/D-NVRL-20Z04363/2020|2020-04-15|EPI_ISL_671370|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/South Africa/Tygerberg_38/2020|2020-04-08|EPI_ISL_464149|Original|hCoV-19^^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/Scotland/QEUH-9AF19E/2020|2020-09-03|EPI_ISL_560032|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Chile/RM-133547/2020|2020-07-25|EPI_ISL_746635|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/ALDP-981E8C/2020|2020-08-10|EPI_ISL_552750|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0076/2020|2020-04-11|EPI_ISL_515354|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Portugal/PT0399a/2020|2020-04-19|EPI_ISL_454122|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-C47906/2020|2020-12-10|EPI_ISL_718954|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E8F9F/2020|2020-09-24|EPI_ISL_584179|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BE35/2020|2020-09-18|EPI_ISL_573979|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1119/2020|2020-04-17|EPI_ISL_542541|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-SC066/2020|2020-04-17|EPI_ISL_629103|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-16D3DA/2020|2020-09-18|EPI_ISL_574232|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-4ADF31/2020|2020-06-08|EPI_ISL_559622|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32DB3/2020|2020-04-14|EPI_ISL_446689|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22696/2020|2020-12-08|EPI_ISL_767345|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Italy/VEN-UniVR-139/2020|2020-04-04|EPI_ISL_751436|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/USA/ME-HETL-J0284/2020|2020-10-05|EPI_ISL_755427|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/FL-BPHL-0416/2020|2020-05-14|EPI_ISL_489825|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-15C5E7/2020|2020-05-04|EPI_ISL_472513|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC261/2020|2020-03-21|EPI_ISL_419954|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/SHEF-C391D/2020|2020-06-18|EPI_ISL_484445|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Singapore/341/2020|2020-04-16|EPI_ISL_469095|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/WA-S2569/2020|2020-06-18|EPI_ISL_497201|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-7EDE8/2020|2020-04-07|EPI_ISL_442997|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/IN-CDC-2013/2020|2020-03-09|EPI_ISL_452131|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/CVR2264/2020|2020-04-10|EPI_ISL_473512|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/ARA-12630/2020|2020-03-23|EPI_ISL_420613|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Centre Hospitalier de Macon|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/New Zealand/20CV0217/2020|2020-08-29|EPI_ISL_548064|Original|hCoV-19^^Waikato|Human|Waikato Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Spain/MD-IBV-99012359/2020|2020-11-22|EPI_ISL_780003|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC12756/2020|2020-09-10|EPI_ISL_563589|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-922CFC/2020|2020-06-23|EPI_ISL_553307|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-650/2020|2020-06-26|EPI_ISL_491341|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/MILK-6754AA/2020|2020-07-03|EPI_ISL_558195|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR3244/2020|2020-04-27|EPI_ISL_449252|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Brazil/RJ-00320/2020|2020-05-12|EPI_ISL_623123|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil
>Spike|hCoV-19/England/ALDP-9553DD/2020|2020-06-12|EPI_ISL_553602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-10145/2020|2020-11-09|EPI_ISL_668514|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Luxembourg/LNS3513703/2020|2020-11-20|EPI_ISL_740323|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/India/OR-ILSCV31684/2020|2020-05-26|EPI_ISL_481150|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India
>Spike|hCoV-19/England/QEUH-9F6A9D/2020|2020-09-27|EPI_ISL_588344|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC22361/2020|2020-10-31|EPI_ISL_708341|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/Wales/PHWC-481B6C/2020|2020-10-21|EPI_ISL_613148|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Ireland/D-NVRL-20G35149/2020|2020-03-20|EPI_ISL_605144|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapathi|Ireland
>Spike|hCoV-19/Scotland/GCVR-17131F/2020|2020-03-26|EPI_ISL_459546|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-17770/2020|2020-12-14|EPI_ISL_749558|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/OXON-B0EBA/2020|2020-04-09|EPI_ISL_478974|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/MILK-AB7727/2020|2020-10-19|EPI_ISL_623338|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B845FB/2020|2020-11-15|EPI_ISL_675374|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Brunei/1/2020|2020-03-11|EPI_ISL_443187|Original|hCoV-19^^Brunei|Human|National Virology Reference Laboratory|National Public Health Laboratory|Mak|Brunei
>Spike|hCoV-19/USA/CA-CDPH208/2020|2020-11-12|EPI_ISL_755064|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>Spike|hCoV-19/USA/WA-UW-2541/2020|2020-03-30|EPI_ISL_477718|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Iceland/395/2020|2020-03-19|EPI_ISL_424419|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\|u00f3nsson|Iceland

>Spike|hCoV-19/USA/CA-QDX-2204/2020|2020-03-15|EPI_ISL_604506|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/New Zealand/20VR1848/2020|2020-03-26|EPI_ISL_579148|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/LA-EVTL925/2020|2020-08-11|EPI_ISL_653616|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/UT-UPHL-2012270978/2020|2020-08-03|EPI_ISL_745770|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-16150/2020|2020-11-16|EPI_ISL_714098|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-02436/2020|2020-09-00|EPI_ISL_671580|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Japan/PG-2702/2020|2020-04-00|EPI_ISL_690834|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-7BD36/2020|2020-04-05|EPI_ISL_442186|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-D373E/2020|2020-03-31|EPI_ISL_440980|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-9C3D90/2020|2020-09-09|EPI_ISL_566782|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-1575/2020|2020-05-20|EPI_ISL_561026|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/CA-CZB-11912/2020|2020-10-05|EPI_ISL_672288|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Brazil/RJ-00513/2020|2020-07-28|EPI_ISL_717790|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/2009900804/2020|2020-02-28|EPI_ISL_464201|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-C51505/2020|2020-12-11|EPI_ISL_769664|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B80E/2020|2020-12-05|EPI_ISL_742389|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F0F6/2020|2020-10-14|EPI_ISL_607804|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B337AA/2020|2020-11-05|EPI_ISL_659180|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6802A/2020|2020-10-12|EPI_ISL_609031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EF3F/2020|2020-09-28|EPI_ISL_585887|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FACF6/2020|2020-04-15|EPI_ISL_459400|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2216/2020|2020-06-29|EPI_ISL_635389|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-47EE4B/2020|2020-10-09|EPI_ISL_595599|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BBDB60/2020|2020-11-22|EPI_ISL_703723|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1357/2020|2020-12-11|EPI_ISL_779023|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-A3EC29/2020|2020-10-05|EPI_ISL_609787|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG411559/2020|2020-06-25|EPI_ISL_694976|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A513A3/2020|2020-10-08|EPI_ISL_598140|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12899D/2020|2020-04-14|EPI_ISL_458900|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sichuan/SC-WCH4-293/2020|2020-02-03|EPI_ISL_451394|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/TX-HMH-7551/2020|2020-06-25|EPI_ISL_546844|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9E128E/2020|2020-09-20|EPI_ISL_580979|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0232/2020|2020-09-05|EPI_ISL_548071|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-9CAFDF/2020|2020-09-16|EPI_ISL_575590|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAFB08/2020|2020-10-23|EPI_ISL_623433|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0806/2020|2020-05-19|EPI_ISL_698945|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/CVR5263/2020|2020-10-15|EPI_ISL_627422|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR1343/2020|2020-03-31|EPI_ISL_433547|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B5415A/2020|2020-11-06|EPI_ISL_656755|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003711/2020|2020-04-02|EPI_ISL_467202|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/CVR5063/2020|2020-10-10|EPI_ISL_594796|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-03777/2020|2020-04-01|EPI_ISL_509588|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Luxembourg/LNS3577548/2020|2020-10-21|EPI_ISL_740336|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/EXET-136000/2020|2020-04-18|EPI_ISL_457189|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/France/PAC-41071320/2020|2020-04-10|EPI_ISL_505003|Original|hCoV-19^^Provence-Alpes-C\u00f4te d'Azur|Human|Biology Dpt|Microbiology and Infections Diseases|Gorge|France

>Spike|hCoV-19/England/MILK-4B8698/2020|2020-06-04|EPI_ISL_559181|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-991117/2020|2020-08-27|EPI_ISL_551849|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1610/2020|2020-04-08|EPI_ISL_468539|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Wales/PHWC-16F47B/2020|2020-10-04|EPI_ISL_585969|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-B023/2020|2020-10-23|EPI_ISL_718218|Original|hCoV-19^^Sarawak|Human|Borneo Medical Centre|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/England/MILK-B95C7A/2020|2020-11-14|EPI_ISL_674891|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10415/2020|2020-08-14|EPI_ISL_581597|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-16C7C0/2020|2020-09-25|EPI_ISL_574094|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-360203/2020|2020-11-10|EPI_ISL_728879|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1B5DA8/2020|2020-09-04|EPI_ISL_549390|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34908/2020|2020-04-19|EPI_ISL_446993|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200117/2020|2020-04-09|EPI_ISL_578347|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Wales/PHWC-4838EB/2020|2020-10-21|EPI_ISL_627870|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9D3F1F/2020|2020-09-18|EPI_ISL_601718|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012633389/2020|2020-08-14|EPI_ISL_746138|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Lebanon/LAU-uk2/2020|2020-12-21|EPI_ISL_768798|Original|hCoV-19^^Beirut|Human|MoPH (Lebanese ministry of Public Health)|Microbial genomics lab LAU|Koweyes|Lebanon

>Spike|hCoV-19/USA/CA-CHLA-PLM47954122/2020|2020-11-19|EPI_ISL_753384|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Denmark/DCGC-5421/2020|2020-09-14|EPI_ISL_615353|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Gelderland_19/2020|2020-03-18|EPI_ISL_460655|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WY-WYPHL012/2020|2020-03-14|EPI_ISL_421549|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/CAMC-94870E/2020|2020-07-18|EPI_ISL_556549|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10396/2020|2020-11-02|EPI_ISL_669941|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10378/2020|2020-08-07|EPI_ISL_540545|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-BAB321/2020|2020-11-17|EPI_ISL_783155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC92/2020|2020-04-02|EPI_ISL_475709|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/MILK-56B217/2020|2020-06-10|EPI_ISL_558273|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-65BDB/2020|2020-10-10|EPI_ISL_612212|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMC-B99E9E/2020|2020-11-15|EPI_ISL_673671|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS108/2020|2020-04-15|EPI_ISL_522573|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/ZH-ETHZ-350126/2020|2020-11-02|EPI_ISL_693824|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Ireland/D-SVUH-R6380/2020|2020-04-03|EPI_ISL_596669|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/USA/WA-S350/2020|2020-04-02|EPI_ISL_434110|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-C3D657/2020|2020-12-10|EPI_ISL_730904|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1102AC/2020|2020-04-11|EPI_ISL_441493|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11404/2020|2020-11-02|EPI_ISL_670893|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-QDX-02-2/2020|2020-03-13|EPI_ISL_454692|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-5590/2020|2020-08-00|EPI_ISL_688715|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-AD0D53/2020|2020-10-26|EPI_ISL_634128|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A0B144/2020|2020-10-01|EPI_ISL_599152|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UN-2020772/2020|2020-00-00|EPI_ISL_420548|Vero CCL81 P1|hCoV-19^^India|Human|Indian Council of Medical Research-National Institute of Virology|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/USA/WA-S114/2020|2020-03-05|EPI_ISL_417167|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-B024CB/2020|2020-10-24|EPI_ISL_643042|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2290/2020|2020-04-00|EPI_ISL_685895|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS6246495/2020|2020-11-03|EPI_ISL_744389|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/DE-DHSS-F952774/2020|2020-04-02|EPI_ISL_593976|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Wales/ALDP-AA49AF/2020|2020-10-21|EPI_ISL_625065|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C93A17/2020|2020-12-16|EPI_ISL_777152|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL233/2020|2020-08-22|EPI_ISL_574367|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMB-1BCFC9/2020|2020-00-00|EPI_ISL_723918|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/SHEF-10CCA1/2020|2020-12-16|EPI_ISL_727909|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-111/2020|2020-10-09|EPI_ISL_632630|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-11964/2020|2020-09-18|EPI_ISL_790149|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1249/2020|2020-03-16|EPI_ISL_511210|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Luxembourg/LNS2204274/2020|2020-10-26|EPI_ISL_740078|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-80DF2/2020|2020-04-10|EPI_ISL_442991|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000142/2020|2020-04-03|EPI_ISL_631633|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-20097/2020|2020-12-07|EPI_ISL_747980|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/AG-ETHZ-180023/2020|2020-06-29|EPI_ISL_489970|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-4715/2020|2020-10-29|EPI_ISL_730100|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORT-2985DF/2020|2020-04-22|EPI_ISL_488026|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/BRE-5374/2020|2020-03-25|EPI_ISL_443274|Original|hCoV-19^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Wales/MILK-9E325F/2020|2020-09-21|EPI_ISL_581232|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00439/2020|2020-05-04|EPI_ISL_538247|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Nigeria/OS-CV307/2020|2020-10-12|EPI_ISL_729985|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Wales/PHWC-3175C/2020|2020-04-13|EPI_ISL_446481|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99011545/2020|2020-12-06|EPI_ISL_779889|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-9D23F/2020|2020-04-06|EPI_ISL_449602|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-991CE9/2020|2020-08-27|EPI_ISL_577039|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/EDB9746/2020|2020-11-13|EPI_ISL_680539|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Scotland/CVR4709/2020|2020-09-21|EPI_ISL_611714|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14832/2020|2020-11-19|EPI_ISL_739123|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NY-Wadsworth-292839-01/2020|2020-12-27|EPI_ISL_769978|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WI-UW-1247/2020|2020-08-15|EPI_ISL_536620|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-2EFD2/2020|2020-04-04|EPI_ISL_446184|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-02571/2020|2020-04-25|EPI_ISL_487218|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19817/2020|2020-11-30|EPI_ISL_784147|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A8778A/2020|2020-10-17|EPI_ISL_606141|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7E137/2020|2020-04-16|EPI_ISL_434043|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4849C9/2020|2020-10-23|EPI_ISL_626931|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1593/2020|2020-07-03|EPI_ISL_693598|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-16CDDD/2020|2020-09-24|EPI_ISL_574169|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2F539/2020|2020-04-18|EPI_ISL_446264|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII8275S/2020|2020-04-21|EPI_ISL_450268|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/NY-NYU-VC-015/2020|2020-03-26|EPI_ISL_479669|Original|hCoV-19^^New York|Human|Center for Genomics and System Biology|Center for Genomics and System Biology|Ghedini|USA

>Spike|hCoV-19/England/QEUEH-BCCDE0/2020|2020-11-26|EPI_ISL_704227|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-002042/2020|2020-03-16|EPI_ISL_452384|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/PV-IBV-003209/2020|2020-03-13|EPI_ISL_481005|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A669B8/2020|2020-10-12|EPI_ISL_630429|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MO-NVRL-20Z06675/2020|2020-04-18|EPI_ISL_681891|Original|hCoV-19^^Mayo|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/MILK-A7B5BC/2020|2020-10-16|EPI_ISL_607503|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-72428/2020|2020-05-22|EPI_ISL_746775|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/TX-HMH-6113/2020|2020-06-22|EPI_ISL_547249|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-01828/2020|2020-04-26|EPI_ISL_435401|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/VIC10661/2020|2020-09-05|EPI_ISL_563022|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/BC-BCCDC-6413/2020|2020-10-00|EPI_ISL_740568|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/England/CAMB-84ACA/2020|2020-03-09|EPI_ISL_440487|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B231FA/2020|2020-11-03|EPI_ISL_665030|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-8277A/2020|2020-04-13|EPI_ISL_443637|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8539717/2020|2020-12-02|EPI_ISL_771007|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-B356C9/2020|2020-11-05|EPI_ISL_659630|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-282645-01/2020|2020-12-02|EPI_ISL_754435|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-6092/2020|2020-08-00|EPI_ISL_689204|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Colombia/VAC-INS-79449/2020|2020-03-12|EPI_ISL_456133|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud - Unidad de Secuenciación y An\u00e9lisis Gen\u00f3mico|Instituto Nacional de Salud|D\u00e9|Colombia

>Spike|hCoV-19/England/EXET-13860C/2020|2020-10-19|EPI_ISL_627424|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B225D1/2020|2020-11-01|EPI_ISL_646047|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH3-188/2020|2020-03-03|EPI_ISL_455383|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/ALDP-9EA021/2020|2020-09-24|EPI_ISL_580095|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29348C/2020|2020-06-22|EPI_ISL_499595|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1962/2020|2020-10-01|EPI_ISL_677370|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-2952/2020|2020-08-24|EPI_ISL_616713|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A0709/2020|2020-12-08|EPI_ISL_743485|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AF47F1/2020|2020-10-30|EPI_ISL_662826|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1110/2020|2020-06-10|EPI_ISL_626498|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Australia/NSW1181/2020|2020-10-22|EPI_ISL_667784|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/LA-GBCL-26544582/2020|2020-04-17|EPI_ISL_485152|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Germany/HH-hpi-p2329/2020|2020-03-18|EPI_ISL_776443|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-CB539C/2020|2020-12-19|EPI_ISL_761713|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-576F4F/2020|2020-06-11|EPI_ISL_558266|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16108/2020|2020-11-16|EPI_ISL_714290|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B45E73/2020|2020-11-07|EPI_ISL_656256|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3164/2020|2020-06-00|EPI_ISL_691284|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/ALAB-HH-220/2020|2020-04-28|EPI_ISL_452071|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUA-A5E33D/2020|2020-10-12|EPI_ISL_597296|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-64E5B/2020|2020-09-24|EPI_ISL_594523|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-B80A69/2020|2020-11-14|EPI_ISL_661825|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13847B/2020|2020-09-13|EPI_ISL_611701|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Japan/PG-0296/2020|2020-03-27|EPI_ISL_479973|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/PE-IAM939/2020|2020-05-03|EPI_ISL_572361|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/England/QEUA-A338C6/2020|2020-10-03|EPI_ISL_628414|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-CA68AE/2020|2020-12-16|EPI_ISL_761640|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C50603/2020|2020-12-11|EPI_ISL_736550|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-283BF3/2020|2020-04-03|EPI_ISL_478520|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F463/2020|2020-11-09|EPI_ISL_681095|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DC40A1/2020|2020-11-08|EPI_ISL_705884|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B73EC7/2020|2020-11-12|EPI_ISL_664467|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21247/2020|2020-04-04|EPI_ISL_507502|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-10605/2020|2020-11-02|EPI_ISL_670082|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-13084A/2020|2020-04-12|EPI_ISL_492654|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUE-B7E882/2020|2020-11-14|EPI_ISL_668151|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20138024604/2020|2020-03-26|EPI_ISL_423306|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-279/2020|2020-09-28|EPI_ISL_631323|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Australia/NSW3724/2020|2020-12-25|EPI_ISL_738137|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/ALDP-A95DC3/2020|2020-10-20|EPI_ISL_624875|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2810E7/2020|2020-03-04|EPI_ISL_472156|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/CM-IBV-003886/2020|2020-05-20|EPI_ISL_474941|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-UM-10036455304/2020|2020-10-15|EPI_ISL_628846|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/ALAB-HH17/2020|2020-03-10|EPI_ISL_429275|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/PHWC-27892/2020|2020-03-31|EPI_ISL_432413|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-S154/2020|2020-03-24|EPI_ISL_586366|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CA-CDPH206/2020|2020-11-12|EPI_ISL_755062|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/ALDP-6D9714/2020|2020-07-02|EPI_ISL_556257|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3577/2020|2020-06-00|EPI_ISL_691833|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9715/2020|2020-08-25|EPI_ISL_565669|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-EVTL1096/2020|2020-12-01|EPI_ISL_768366|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/VIC4375/2020|2020-07-13|EPI_ISL_519671|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-5518/2020|2020-06-23|EPI_ISL_544840|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-5054/2020|2020-08-00|EPI_ISL_690165|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WY-WPHL-20157068/2020|2020-12-02|EPI_ISL_756132|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Scotland/MILK-A6BD99/2020|2020-10-08|EPI_ISL_625426|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B09D6/2020|2020-05-12|EPI_ISL_452926|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A639E8/2020|2020-10-09|EPI_ISL_596177|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/MILK-9EFA3D/2020|2020-09-23|EPI_ISL_594971|Original|hCoV-19^^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-A05E43/2020|2020-10-01|EPI_ISL_600014|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130BC9/2020|2020-03-16|EPI_ISL_492536|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-6390S/2020|2020-06-05|EPI_ISL_639934|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-9CDE57/2020|2020-09-16|EPI_ISL_566203|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA064/2020|2020-11-20|EPI_ISL_701718|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-516/2020|2020-09-01|EPI_ISL_577944|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB081/2020|2020-03-20|EPI_ISL_425873|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CWAR-24FD8F5/2020|2020-04-22|EPI_ISL_584450|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/205041400/2020|2020-12-05|EPI_ISL_766286|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2052/2020|2020-02-21|EPI_ISL_481372|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/LIVE-A993B/2020|2020-03-23|EPI_ISL_517294|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL082/2020|2020-05-07|EPI_ISL_451243|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-B3622E/2020|2020-11-05|EPI_ISL_645326|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD23B9/2020|2020-10-26|EPI_ISL_634051|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C46E9F/2020|2020-12-10|EPI_ISL_718677|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15118/2020|2020-11-23|EPI_ISL_739254|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-10477/2020|2020-11-02|EPI_ISL_670000|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/GA-QDX-241/2020|2020-04-28|EPI_ISL_498718|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20140007604/2020|2020-03-29|EPI_ISL_423384|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-9608FE/2020|2020-08-03|EPI_ISL_532043|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4429/2020|2020-07-00|EPI_ISL_692653|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/New Zealand/20VR2548/2020|2020-00-00|EPI_ISL_579291|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-HMH-MCoV-8143/2020|2020-06-30|EPI_ISL_784230|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/3844/2020|2020-09-28|EPI_ISL_591009|original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Canada/ON-UHTC-0376/2020|2020-10-04|EPI_ISL_671659|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/CAMC-B51F26/2020|2020-11-08|EPI_ISL_657931|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4116/2020|2020-07-00|EPI_ISL_692356|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-1961/2020|2020-05-06|EPI_ISL_486233|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Scotland/EDB6643/2020|2020-05-26|EPI_ISL_493965|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Burkina Faso/1698/2020|2020-08-14|EPI_ISL_660449|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Souro Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/England/QEUH-C93F81/2020|2020-12-17|EPI_ISL_777376|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3655/2020|2020-04-27|EPI_ISL_439306|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2277/2020|2020-11-12|EPI_ISL_728044|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/United Arab Emirates/0559/2020|2020-05-19|EPI_ISL_698720|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/NY-NYCPHL-000695/2020|2020-03-10|EPI_ISL_632111|Original|hCoV-19^^New York|Human|Montefiore Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LOND-DAAF2/2020|2020-11-06|EPI_ISL_724692|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/NA_136/2020|2020-03-19|EPI_ISL_422680|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUA-A0B4B4/2020|2020-10-03|EPI_ISL_599376|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B206EF/2020|2020-11-02|EPI_ISL_647772|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-9C5EE6/2020|2020-09-10|EPI_ISL_567808|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0892/2020|2020-04-00|EPI_ISL_684502|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-C32ACF/2020|2020-12-11|EPI_ISL_782595|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-95DE2F/2020|2020-08-07|EPI_ISL_537053|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200031/2020|2020-03-21|EPI_ISL_752617|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Australia/VIC11344/2020|2020-08-24|EPI_ISL_563340|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA4D94/2020|2020-10-21|EPI_ISL_630844|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20488/2020|2020-12-21|EPI_ISL_759180|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A46FE9/2020|2020-10-06|EPI_ISL_598299|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AE0D/2020|2020-12-03|EPI_ISL_727691|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/RS-6240/2020|2020-06-01|EPI_ISL_729841|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Switzerland/VD-ETHZ-321447/2020|2020-10-14|EPI_ISL_603670|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/ON-S824/2020|2020-04-11|EPI_ISL_586452|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Japan/PG-7062/2020|2020-08-00|EPI_ISL_688167|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9497B2/2020|2020-07-27|EPI_ISL_556066|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC7A75/2020|2020-11-23|EPI_ISL_721431|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-363/2020|2020-07-23|EPI_ISL_700012|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-16530/2020|2020-11-16|EPI_ISL_714818|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8504/2020|2020-07-01|EPI_ISL_780597|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/8May35S7/2020|2020-05-08|EPI_ISL_481724|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Ireland/MN-NVRL-20IRL82802/2020|2020-10-05|EPI_ISL_639867|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-ALSR-3112/2020|2020-08-25|EPI_ISL_635854|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/NSW1080/2020|2020-08-10|EPI_ISL_593653|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-4957AD/2020|2020-11-23|EPI_ISL_726395|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002782/2020|2020-08-20|EPI_ISL_529776|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-CZB-10918/2020|2020-08-28|EPI_ISL_583147|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-AC91F7/2020|2020-10-22|EPI_ISL_629699|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B9B6E/2020|2020-11-10|EPI_ISL_664959|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-AD20C1/2020|2020-10-27|EPI_ISL_634102|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A01B0/2020|2020-12-04|EPI_ISL_743407|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2411/2020|2020-03-16|EPI_ISL_604677|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-6496/2020|2020-09-00|EPI_ISL_689598|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B3DF4E/2020|2020-11-01|EPI_ISL_741410|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-E9FF1/2020|2020-05-03|EPI_ISL_448384|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC187/2020|2020-03-19|EPI_ISL_419883|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/NM-UNM-00688/2020|2020-05-07|EPI_ISL_560356|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Japan/PG-0279/2020|2020-03-19|EPI_ISL_479959|Original|hCoV-19^^Kanto|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Iceland/324/2020|2020-03-18|EPI_ISL_417653|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMC-B07068/2020|2020-10-29|EPI_ISL_643776|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95B076/2020|2020-06-13|EPI_ISL_555695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0981/2020|2020-07-27|EPI_ISL_569028|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wales/PHWC-2B1A2/2020|2020-04-07|EPI_ISL_432261|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-288190-01/2020|2020-12-15|EPI_ISL_767477|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-B55A30/2020|2020-11-05|EPI_ISL_657393|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1099/2020|2020-04-28|EPI_ISL_444057|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/CA-CZB-13738/2020|2020-09-09|EPI_ISL_738745|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMB-7F066/2020|2020-04-07|EPI_ISL_442840|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/IC-0329/2020|2020-11-00|EPI_ISL_721577|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-K004328/2020|2020-10-24|EPI_ISL_660204|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/EXET-138ED7/2020|2020-10-23|EPI_ISL_664215|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002290/2020|2020-07-23|EPI_ISL_515668|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/India/TG-CCMB-L1885/2020|2020-06-03|EPI_ISL_495167|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/CO-CDPHE-2009170340/2020|2020-09-16|EPI_ISL_710345|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/MILK-9704D9/2020|2020-08-18|EPI_ISL_553130|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495AC2/2020|2020-11-25|EPI_ISL_726436|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0211/2020|2020-06-00|EPI_ISL_667640|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-GBCL-26513063/2020|2020-04-21|EPI_ISL_485096|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/India/TG-CCMB-J132/2020|2020-04-01|EPI_ISL_447850|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/PHWC-1600FE/2020|2020-05-25|EPI_ISL_472896|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00234248/2020|2020-03-23|EPI_ISL_536047|Original|hCoV-19^^Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaud\u00e9re|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Morocco/RMPS-07/2020|2020-04-04|EPI_ISL_482732|Original|hCoV-19^^Morocco|Human|LNR National Reference Laboratory|Medical Biotechnology Laboratory|Kartti|Morocco

>Spike|hCoV-19/England/SHEF-D3507/2020|2020-09-08|EPI_ISL_540774|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE67A/2020|2020-04-27|EPI_ISL_459491|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A9447/2020|2020-04-09|EPI_ISL_538872|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79606/2020|2020-10-13|EPI_ISL_606726|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-010/2020|2020-05-02|EPI_ISL_699667|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Portugal/PT2045/2020|2020-11-12|EPI_ISL_732260|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-B9FA94/2020|2020-11-18|EPI_ISL_721121|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C06D8F/2020|2020-12-06|EPI_ISL_709379|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03870/2020|2020-04-08|EPI_ISL_470726|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-6132/2020|2020-06-22|EPI_ISL_547263|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-350469/2020|2020-11-03|EPI_ISL_728855|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-97FEEB/2020|2020-08-06|EPI_ISL_529266|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-10069/2020|2020-04-23|EPI_ISL_547486|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/20129064904/2020|2020-03-10|EPI_ISL_424063|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-BA159E/2020|2020-11-18|EPI_ISL_719882|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3490/2020|2020-03-27|EPI_ISL_491025|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-3962/2020|2020-07-00|EPI_ISL_692210|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-001291/2020|2020-11-09|EPI_ISL_683957|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/BRIS-127178/2020|2020-04-23|EPI_ISL_469649|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-286D63/2020|2020-10-25|EPI_ISL_651060|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC11F/2020|2020-11-22|EPI_ISL_724489|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0125v1/2020|2020-04-16|EPI_ISL_644261|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/SAP278/2020|2020-03-28|EPI_ISL_483085|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/OR-UW-13394/2020|2020-07-01|EPI_ISL_501083|Original|hCoV-19^^Oregon|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B75CCB/2020|2020-11-12|EPI_ISL_723695|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B42553/2020|2020-11-08|EPI_ISL_657120|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB105E/2020|2020-11-17|EPI_ISL_720425|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1607EA/2020|2020-04-26|EPI_ISL_472978|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2124/2020|2020-04-11|EPI_ISL_468947|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/CVR1925/2020|2020-04-08|EPI_ISL_448137|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-C46E44/2020|2020-12-10|EPI_ISL_718883|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F0BF3/2020|2020-10-13|EPI_ISL_595203|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-300393/2020|2020-09-29|EPI_ISL_603360|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/NSW07/2020|2020-02-29|EPI_ISL_413214|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Laboratory

Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research;
Westmead Hospital; University of Sydney|Eden|Australia
>Spike|hCoV-19/England/CAMB-1BCA9B/2020|2020-12-01|EPI_ISL_764291|Original|hCoV-
19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48B2B8/2020|2020-11-05|EPI_ISL_666217|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Switzerland/BL-UHB-42200091/2020|2020-03-
19|EPI_ISL_528267|Original|hCoV-19^^Basel-Land|Human|University Hospital
Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/England/ALDP-B84B9F/2020|2020-11-14|EPI_ISL_675973|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A671CE/2020|2020-10-12|EPI_ISL_630394|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-21686/2020|2020-12-21|EPI_ISL_757760|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Canada/ON-PHL-20-01264/2020|2020-06-00|EPI_ISL_548878|Original|hCoV-
19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario
Laboratory|Guthrie|Canada
>Spike|hCoV-19/USA/VA-DCLS-0114/2020|2020-04-09|EPI_ISL_434605|Original|hCoV-
19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/CAMC-A82109/2020|2020-10-13|EPI_ISL_610804|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2009677/2020|2020-07-27|EPI_ISL_605352|Original|hCoV-
19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/AZ-TG491711/2020|2020-06-25|EPI_ISL_695223|Original|hCoV-
19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/Wales/PHWC-165DB6/2020|2020-05-15|EPI_ISL_490801|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/OH-USAFSAM-S042/2020|2020-03-26|EPI_ISL_512807|Original|hCoV-
19^^Ohio|Human|Public Health|Public Health|Fries|USA
>Spike|hCoV-19/USA/TX-HMH-2601/2020|2020-06-05|EPI_ISL_545418|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1374/2020|2020-06-
04|EPI_ISL_678016|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/England/ALDP-B74330/2020|2020-11-12|EPI_ISL_662029|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-AA231C/2020|2020-10-22|EPI_ISL_624491|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-125ABB/2020|2020-03-30|EPI_ISL_443860|Original|hCoV-
19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for
the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/New Zealand/20CV0615/2020|2020-11-26|EPI_ISL_682293|Original|hCoV-
19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research
(ESR)|Wang|New Zealand
>Spike|hCoV-19/USA/SC-DHEC-0867/2020|2020-06-26|EPI_ISL_538401|Original|hCoV-
19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA
>Spike|hCoV-19/USA/AZ-TG271884/2020|2020-03-25|EPI_ISL_426545|Original|hCoV-
19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/Japan/TKYE610419/2020|2020-04-00|EPI_ISL_479677|unknown|hCoV-19^^Japan|Human|unknown|Contact|Submitter|Japan

>Spike|hCoV-19/Belgium/regal-12111432/2020|2020-12-11|EPI_ISL_738484|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-DSHS-0570/2020|2020-05-14|EPI_ISL_574472|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NY-Wadsworth-11017-01/2020|2020-03-05|EPI_ISL_426040|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WA-S2084/2020|2020-06-06|EPI_ISL_497512|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC3920/2020|2020-07-08|EPI_ISL_520632|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-12C568/2020|2020-05-06|EPI_ISL_469466|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC47DB/2020|2020-11-25|EPI_ISL_703378|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/HCMC-3013/2020|2020-03-22|EPI_ISL_498174|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19/Denmark/DCGC-15579/2020|2020-11-23|EPI_ISL_713289|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-1886/2020|2020-09-23|EPI_ISL_644919|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/204881289/2020|2020-11-00|EPI_ISL_678812|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-110804/2020|2020-04-21|EPI_ISL_441862|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-B400BE/2020|2020-11-08|EPI_ISL_657101|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4668/2020|2020-08-00|EPI_ISL_689805|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S670/2020|2020-04-08|EPI_ISL_449840|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/LIVE-99831/2020|2020-04-10|EPI_ISL_439764|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7626/2020|2020-10-19|EPI_ISL_618527|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS1726686/2020|2020-11-23|EPI_ISL_739984|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/20124021106/2020|2020-03-18|EPI_ISL_423854|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2D515A/2020|2020-00-00|EPI_ISL_741682|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2477/2020|2020-12-27|EPI_ISL_759751|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Moreno|USA
>Spike|hCoV-19/USA/UT-UPHL-2012955640/2020|2020-08-14|EPI_ISL_746126|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/QEUA-547C8C/2020|2020-05-14|EPI_ISL_533420|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUA-A0C33E/2020|2020-10-03|EPI_ISL_599211|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-AF2614/2020|2020-10-30|EPI_ISL_662722|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CDC-1/2020|2020-01-23|EPI_ISL_406034|Original|hCoV-19^^California|Human|California Department of Public Health|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/Switzerland/SG-ETHZ-331461/2020|2020-10-21|EPI_ISL_614946|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/England/MILK-9A8362/2020|2020-09-02|EPI_ISL_550112|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16A5AA/2020|2020-09-09|EPI_ISL_540909|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Wales/MILK-A46C2E/2020|2020-10-06|EPI_ISL_609232|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B480B6/2020|2020-11-07|EPI_ISL_649272|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48E22E/2020|2020-11-11|EPI_ISL_680826|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC852/2020|2020-04-04|EPI_ISL_427112|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Australia/NSW1023/2020|2020-04-28|EPI_ISL_593667|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Canada/BC-BCCDC-6408/2020|2020-10-00|EPI_ISL_740563|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19/England/ALDP-95127A/2020|2020-06-13|EPI_ISL_554406|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-10CD7BC/2020|2020-11-23|EPI_ISL_727917|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/ALDP-BBB4B2/2020|2020-11-21|EPI_ISL_701970|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-13894/2020|2020-11-30|EPI_ISL_713087|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/20109002804/2020|2020-03-04|EPI_ISL_464507|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6322021/2020|2020-11-06|EPI_ISL_744397|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-16F420/2020|2020-09-30|EPI_ISL_585964|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14782/2020|2020-11-11|EPI_ISL_738985|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Italy/LOM-ASST-14/2020|2020-03-24|EPI_ISL_486651|Original|hCoV-19^^Lombardy|Human|Microbiology|Microbiology|Comandatore|Italy

>Spike|hCoV-19/England/ALDP-B5D801/2020|2020-11-09|EPI_ISL_703473|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-C5BAA2/2020|2020-12-14|EPI_ISL_769282|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A50113/2020|2020-10-07|EPI_ISL_597596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Morocco/FMP-35/2020|2020-12-00|EPI_ISL_768834|Original|hCoV-19^^Temara|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahgiri|Morocco

>Spike|hCoV-19/Australia/NSW10/2020|2020-02-28|EPI_ISL_413596|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology - Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Rockett|Australia

>Spike|hCoV-19/Scotland/QEUEH-AA05CD/2020|2020-10-21|EPI_ISL_666090|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/EDB8003/2020|2020-09-29|EPI_ISL_585470|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3643/2020|2020-09-25|EPI_ISL_636121|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-AD3DAB/2020|2020-10-26|EPI_ISL_629756|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03282/2020|2020-05-07|EPI_ISL_493013|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUEH-96E122/2020|2020-08-18|EPI_ISL_530436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1264C98/2020|2020-11-23|EPI_ISL_724553|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Portugal/PT0548/2020|2020-05-02|EPI_ISL_454272|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC13290/2020|2020-07-29|EPI_ISL_592225|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-13456/2020|2020-09-09|EPI_ISL_672475|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Netherlands/GE-EMC-210/2020|2020-05-29|EPI_ISL_523192|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORT-295B58/2020|2020-04-03|EPI_ISL_488595|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13788/2020|2020-08-21|EPI_ISL_563838|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-498661/2020|2020-11-23|EPI_ISL_727106|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF0722/2020|2020-10-29|EPI_ISL_662664|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-UW213/2020|2020-03-13|EPI_ISL_417362|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-2923EA/2020|2020-05-04|EPI_ISL_457322|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B3A7E/2020|2020-09-04|EPI_ISL_573526|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012666124/2020|2020-08-03|EPI_ISL_746060|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-UCLA-48/2020|2020-03-12|EPI_ISL_537577|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/LOND-D3877/2020|2020-04-02|EPI_ISL_440998|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/NOTT-11F692/2020|2020-11-25|EPI_ISL_725552|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6195/2020|2020-07-04|EPI_ISL_547304|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/AGS-INDRE-82/2020|2020-11-02|EPI_ISL_658873|Original|hCoV-19^^Aguascalientes|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/USA/HI-H200740/2020|2020-12-09|EPI_ISL_753261|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUEH-B6977E/2020|2020-11-11|EPI_ISL_661469|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2111/2020|2020-03-22|EPI_ISL_776356|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Japan/DP0274/2020|2020-02-16|EPI_ISL_416586|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-BB3D37/2020|2020-11-19|EPI_ISL_701739|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6076/2020|2020-10-05|EPI_ISL_620270|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AADB5/2020|2020-04-19|EPI_ISL_470344|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12349/2020|2020-09-26|EPI_ISL_789894|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-11393B/2020|2020-09-15|EPI_ISL_572527|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-9710C5/2020|2020-08-17|EPI_ISL_553104|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC75B1/2020|2020-10-21|EPI_ISL_630061|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0552/2020|2020-12-00|EPI_ISL_779235|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR3657/2020|2020-05-21|EPI_ISL_478086|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009027/2020|2020-05-11|EPI_ISL_525332|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUH-9BA7DA/2020|2020-09-09|EPI_ISL_573827|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM02726594/2020|2020-12-04|EPI_ISL_753637|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Spain/IB-IBV-99010780/2020|2020-10-06|EPI_ISL_691671|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/VA-DCLS-1275/2020|2020-08-12|EPI_ISL_572291|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/NSW374/2020|2020-03-21|EPI_ISL_451634|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/GA-CDC-7347/2020|2020-10-22|EPI_ISL_681780|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-17866/2020|2020-12-14|EPI_ISL_749608|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0810/2020|2020-05-20|EPI_ISL_514156|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM70845114/2020|2020-11-15|EPI_ISL_753332|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Spain/RI-IBV-99010905/2020|2020-11-04|EPI_ISL_732751|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/UT-03810/2020|2020-04-03|EPI_ISL_470712|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Sichuan/SC-NC-072/2020|2020-02-02|EPI_ISL_451331|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Canada/BC_06975953/2020|2020-04-00|EPI_ISL_466811|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/MI-UM-10036231954/2020|2020-10-01|EPI_ISL_590722|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/LIVE-A6224/2020|2020-03-21|EPI_ISL_499536|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A4FD8C/2020|2020-10-07|EPI_ISL_597583|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10937/2020|2020-09-04|EPI_ISL_583166|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC14995/2020|2020-09-02|EPI_ISL_593097|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-3760/2020|2020-07-30|EPI_ISL_548389|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-81c4F/2020|2020-04-12|EPI_ISL_443071|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORW-EBC52/2020|2020-05-07|EPI_ISL_457494|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NOTT-110303/2020|2020-04-11|EPI_ISL_441498|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000858/2020|2020-03-27|EPI_ISL_484715|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMC-9B2F8F/2020|2020-09-05|EPI_ISL_549335|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-23562C/2020|2020-11-10|EPI_ISL_742122|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Saudi Arabia/656/2020|2020-02-26|EPI_ISL_490010|Original|hCoV-19^^Saudi Arabia|Human|King Fahad Medical City|King Fahad Medical City|Naeem|Saudi Arabia

>Spike|hCoV-19/Japan/PG-1623/2020|2020-04-00|EPI_ISL_685229|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A521A8/2020|2020-10-07|EPI_ISL_598158|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9928A8/2020|2020-08-27|EPI_ISL_552056|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD4E6B/2020|2020-10-26|EPI_ISL_633935|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2373/2020|2020-04-22|EPI_ISL_439194|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Belgium/UGent-15/2020|2020-03-25|EPI_ISL_425056|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Denmark/DCGC-4696/2020|2020-09-21|EPI_ISL_621928|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/MB-NML-1131/2020|2020-08-03|EPI_ISL_582462|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/USA/IA-GMF-31330/2020|2020-11-04|EPI_ISL_661082|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/MILK-9A8A30/2020|2020-09-01|EPI_ISL_550185|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2508/2020|2020-03-15|EPI_ISL_604820|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-2297/2020|2020-07-10|EPI_ISL_635418|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/NA_488/2020|2020-03-24|EPI_ISL_460661|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A51FDC/2020|2020-10-07|EPI_ISL_598167|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2736/2020|2020-04-22|EPI_ISL_486023|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-5774/2020|2020-07-00|EPI_ISL_688893|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-9F3702/2020|2020-09-24|EPI_ISL_588593|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1264F8/2020|2020-04-10|EPI_ISL_459071|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-959/2020|2020-04-07|EPI_ISL_545933|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-1106EC/2020|2020-04-07|EPI_ISL_441848|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-C4FD20/2020|2020-12-11|EPI_ISL_769710|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2BE7E/2020|2020-04-10|EPI_ISL_445859|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1277/2020|2020-04-07|EPI_ISL_579664|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/VIC2321/2020|2020-06-25|EPI_ISL_522042|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/TG-CCMB-X87/2020|2020-07-14|EPI_ISL_528866|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-B5D2F4/2020|2020-11-09|EPI_ISL_678885|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR780/2020|2020-03-27|EPI_ISL_433338|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-974AE2/2020|2020-08-21|EPI_ISL_552631|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B2BD/2020|2020-05-02|EPI_ISL_487527|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C34052/2020|2020-12-11|EPI_ISL_734076|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6043/2020|2020-06-30|EPI_ISL_547188|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/1112/2020|2020-10-19|EPI_ISL_605821|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/UT-08687/2020|2020-05-26|EPI_ISL_524407|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Colombia/RIS-INS-81402/2020|2020-03-18|EPI_ISL_497736|Original|hCoV-19^^Risaralda|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Wales/PHWC-162609/2020|2020-05-20|EPI_ISL_473098|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-28010/2020|2020-10-27|EPI_ISL_661000|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/TX-HMH-6634/2020|2020-06-24|EPI_ISL_546134|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-5648/2020|2020-06-20|EPI_ISL_544932|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16504/2020|2020-11-16|EPI_ISL_714806|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4821/2020|2020-07-17|EPI_ISL_519206|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2344/2020|2020-04-13|EPI_ISL_448181|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORT-297A0E/2020|2020-04-22|EPI_ISL_488141|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB3AB6/2020|2020-10-21|EPI_ISL_651138|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Chile/AT-CMM-ATAC11/2020|2020-08-07|EPI_ISL_626557|Original|hCoV-19^^Atacama|Human|Laboratorio de Biología Molecular|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jar|Chile

>Spike|hCoV-19/Scotland/EDB5381/2020|2020-03-31|EPI_ISL_461733|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-B6AA29/2020|2020-11-11|EPI_ISL_662506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-320588/2020|2020-10-12|EPI_ISL_737690|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-7274/2020|2020-08-00|EPI_ISL_688377|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR4363/2020|2020-09-14|EPI_ISL_572518|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-12CCAF/2020|2020-04-16|EPI_ISL_481966|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-NH19/2020|2020-03-13|EPI_ISL_418786|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUEH-5EC4BE/2020|2020-06-16|EPI_ISL_533301|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020322097/2020|2020-09-01|EPI_ISL_542076|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Russia/MOS-CRIE-13678497/2020|2020-11-09|EPI_ISL_745252|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>y|Korneenko|Russia

>Spike|hCoV-19/Portugal/PT1418/2020|2020-03-26|EPI_ISL_511377|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B01E19/2020|2020-10-24|EPI_ISL_642873|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-993704/2020|2020-08-24|EPI_ISL_552187|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-21FDF6/2020|2020-12-11|EPI_ISL_725068|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15043/2020|2020-10-15|EPI_ISL_786527|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-483BB5/2020|2020-10-12|EPI_ISL_627904|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B76C1/2020|2020-09-08|EPI_ISL_590513|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/430/2020|2020-03-16|EPI_ISL_475961|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-954AF7/2020|2020-06-11|EPI_ISL_553763|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1655/2020|2020-05-29|EPI_ISL_496081|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15491/2020|2020-10-24|EPI_ISL_786975|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-101986/2020|2020-11-05|EPI_ISL_732680|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/LA-BIE-019/2020|2020-04-08|EPI_ISL_468710|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/South Korea/KCDC2176/2020|2020-03-23|EPI_ISL_506970|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-12520/2020|2020-11-16|EPI_ISL_682701|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-1314/2020|2020-03-17|EPI_ISL_422991|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-2835/2020|2020-08-24|EPI_ISL_616661|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9D4F2D/2020|2020-09-19|EPI_ISL_601531|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA306F/2020|2020-10-22|EPI_ISL_630909|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15E58B/2020|2020-05-14|EPI_ISL_472820|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9C544E/2020|2020-09-10|EPI_ISL_567719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15539/2020|2020-10-22|EPI_ISL_787023|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB2954/2020|2020-04-02|EPI_ISL_489013|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0452/2020|2020-04-16|EPI_ISL_626411|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/MILK-B567CF/2020|2020-11-05|EPI_ISL_657486|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-610/2020|2020-05-07|EPI_ISL_730072|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Scotland/QEUH-A4CA3D/2020|2020-10-07|EPI_ISL_596010|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/AZ-TG312407/2020|2020-05-16|EPI_ISL_694013|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/India/TG-CCMB-L989/2020|2020-05-11|EPI_ISL_458065|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/CWAR-24FDCCC/2020|2020-05-05|EPI_ISL_584508|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/SHEF-C17CA/2020|2020-05-06|EPI_ISL_490582|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-B09C71/2020|2020-10-30|EPI_ISL_673008|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL625/2020|2020-08-06|EPI_ISL_579029|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-B2096E/2020|2020-10-15|EPI_ISL_647697|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5174/2020|2020-06-29|EPI_ISL_544575|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-170021/2020|2020-06-24|EPI_ISL_486533|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-489E2F/2020|2020-11-02|EPI_ISL_652496|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1345/2020|2020-12-11|EPI_ISL_779011|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUA-9F3A81/2020|2020-09-24|EPI_ISL_588586|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/7107/2020|2020-12-21|EPI_ISL_775527|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Japan/PG-2828/2020|2020-04-00|EPI_ISL_690955|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9DA5BC/2020|2020-09-22|EPI_ISL_601477|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S001135/2020|2020-05-05|EPI_ISL_495592|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-1518/2020|2020-04-28|EPI_ISL_542768|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1510/2020|2020-03-28|EPI_ISL_511469|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Luxembourg/LNS7673816/2020|2020-10-26|EPI_ISL_744610|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-A477C2/2020|2020-10-05|EPI_ISL_598292|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AB364/2020|2020-08-13|EPI_ISL_539631|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/QEUA-CCCABB/2020|2020-12-21|EPI_ISL_782228|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-492CDE/2020|2020-11-27|EPI_ISL_725776|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-999FD9/2020|2020-08-30|EPI_ISL_550270|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS-CPH-isl-509/2020|2020-04-29|EPI_ISL_605889|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/Ireland/un-NVRL-20W266/2020|2020-04-00|EPI_ISL_437684|Original|hCoV-19^^Ireland|Human|UCD National Virus Reference Laboratory|UCD National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/VIC1329/2020|2020-04-12|EPI_ISL_430696|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-287637-01/2020|2020-12-15|EPI_ISL_767469|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-0432/2020|2020-04-05|EPI_ISL_480098|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-4430/2020|2020-09-14|EPI_ISL_621851|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-137351/2020|2020-03-28|EPI_ISL_471965|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-A7C0E7/2020|2020-10-15|EPI_ISL_606465|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35AF5/2020|2020-04-25|EPI_ISL_474527|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Kenya/C3205/2020|2020-04-28|EPI_ISL_457902|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/QEUH-9D0194/2020|2020-09-16|EPI_ISL_589886|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF405/2020|2020-09-21|EPI_ISL_637752|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-2719/2020|2020-03-13|EPI_ISL_605030|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9831/2020|2020-07-06|EPI_ISL_780297|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-4461/2020|2020-07-08|EPI_ISL_649043|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-S2396/2020|2020-06-14|EPI_ISL_497028|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/201161425/2020|2020-03-11|EPI_ISL_464839|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9CDCA8/2020|2020-09-16|EPI_ISL_566155|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18435/2020|2020-11-18|EPI_ISL_784783|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC-BCCDC-8362/2020|2020-11-00|EPI_ISL_740752|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Wales/PHWC-484EBB/2020|2020-10-23|EPI_ISL_628125|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4370/2020|2020-06-18|EPI_ISL_543567|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20169034404/2020|2020-04-17|EPI_ISL_465232|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22169/2020|2020-10-16|EPI_ISL_614220|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Spain/MD-IBV-99008769/2020|2020-10-20|EPI_ISL_654260|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Norway/2986/2020|2020-07-24|EPI_ISL_549111|Original|hCoV-19^^Agder|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Denmark/DCGC-20988/2020|2020-12-21|EPI_ISL_759065|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-L16-CD384/2020|2020-04-02|EPI_ISL_476293|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/ALDP-952613/2020|2020-06-09|EPI_ISL_555636|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002299/2020|2020-07-22|EPI_ISL_515676|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Scotland/EDB11314/2020|2020-12-24|EPI_ISL_764361|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2EB38/2020|2020-04-08|EPI_ISL_446118|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0626/2020|2020-04-07|EPI_ISL_495299|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01225/2020|2020-06-00|EPI_ISL_548847|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-A6CB70/2020|2020-10-14|EPI_ISL_608002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-300258/2020|2020-10-01|EPI_ISL_603290|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/LI-EMC-97/2020|2020-10-19|EPI_ISL_632715|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-8314/2020|2020-10-26|EPI_ISL_617327|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6305/2020|2020-07-04|EPI_ISL_547379|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2012529719/2020|2020-07-27|EPI_ISL_745715|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUH-A1F9AF/2020|2020-10-01|EPI_ISL_599077|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0FCB/2020|2020-11-18|EPI_ISL_719998|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R10199/2020|2020-05-22|EPI_ISL_490263|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Henan/HN04/2020|2020-02-24|EPI_ISL_605930|Vero|hCoV-19^^Henan|Human|Department of Infectious Disease Prevention and Control|Department of Infectious Disease Prevention and Control|Li,X.|China

>Spike|hCoV-19/USA/WA-UW-2140/2020|2020-03-25|EPI_ISL_426095|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/PORT-2E9C16/2020|2020-00-00|EPI_ISL_703548|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1188/2020|2020-05-02|EPI_ISL_477278|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Norway/CS-01/2020|2020-03-29|EPI_ISL_664101|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f8vestad|Norway

>Spike|hCoV-19/England/BRIS-123B8D/2020|2020-04-07|EPI_ISL_442706|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7538/2020|2020-11-00|EPI_ISL_740705|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajeky|Canada

>Spike|hCoV-19/Panama/329198/2020|2020-03-08|EPI_ISL_496626|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/QEUA-AD0A7A/2020|2020-10-26|EPI_ISL_633714|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15017/2020|2020-07-29|EPI_ISL_593104|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9629AE/2020|2020-08-10|EPI_ISL_531717|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005025/2020|2020-04-19|EPI_ISL_510334|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-4A1313/2020|2020-12-09|EPI_ISL_743655|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2291/2020|2020-05-14|EPI_ISL_545228|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-5729/2020|2020-06-30|EPI_ISL_546972|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/201141523/2020|2020-03-09|EPI_ISL_464761|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WHCM2-265/2020|2020-02-14|EPI_ISL_455000|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Germany/HH-hpi-p2192/2020|2020-03-21|EPI_ISL_776420|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/201360198/2020|2020-03-24|EPI_ISL_423236|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-71DCF6/2020|2020-07-01|EPI_ISL_557583|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-RIYADH1157/2020|2020-06-15|EPI_ISL_678190|Original|hCoV-19^^Riyadh|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/SA02/2020|2020-01-30|EPI_ISL_480779|Original|hCoV-19^^South Australia|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C58164/2020|2020-12-13|EPI_ISL_736165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99E2AE/2020|2020-08-31|EPI_ISL_550722|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-210015/2020|2020-07-20|EPI_ISL_510762|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/NSW694/2020|2020-07-20|EPI_ISL_513337|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/VA-DCLS-1855/2020|2020-09-23|EPI_ISL_614079|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-B1B1E6/2020|2020-11-02|EPI_ISL_645791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42180261/2020|2020-03-06|EPI_ISL_527947|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Suriname/SR-12/2020|2020-06-20|EPI_ISL_517623|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/USA/WA-S526/2020|2020-03-31|EPI_ISL_434286|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/SHEF-C5D97/2020|2020-04-21|EPI_ISL_453718|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC17331/2020|2020-07-24|EPI_ISL_663844|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-3040/2020|2020-08-28|EPI_ISL_635808|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/PORT-2D5C3B/2020|2020-12-19|EPI_ISL_765139|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/EDB8291/2020|2020-10-12|EPI_ISL_594841|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/MILK-B05EF7/2020|2020-10-24|EPI_ISL_642962|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09318/2020|2020-03-21|EPI_ISL_450010|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/CAMC-B36A44/2020|2020-11-05|EPI_ISL_645229|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22346/2020|2020-08-05|EPI_ISL_570605|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/NSW889/2020|2020-08-24|EPI_ISL_544970|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/OXON-AE848/2020|2020-00-00|EPI_ISL_448726|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-C3480F/2020|2020-12-11|EPI_ISL_734034|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CC0756/2020|2020-12-20|EPI_ISL_778047|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/MV-Cento-70002372/2020|2020-03-28|EPI_ISL_459964|Original|hCoV-19^^Mecklenburg-Western Pomerania|Human|Centogene AG|Centogene AG|Kandaswamy|Germany

>Spike|hCoV-19/USA/WA-S2729/2020|2020-07-09|EPI_ISL_525719|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/BRIS-12847E/2020|2020-04-16|EPI_ISL_469600|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DEDCE/2020|2020-09-21|EPI_ISL_601198|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-92/2020|2020-10-02|EPI_ISL_593900|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/England/QEUH-B66410/2020|2020-11-11|EPI_ISL_662417|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB6AC/2020|2020-09-16|EPI_ISL_575753|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC265/2020|2020-06-13|EPI_ISL_483860|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-15590/2020|2020-10-24|EPI_ISL_787074|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-3540/2020|2020-08-31|EPI_ISL_616333|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS9999244/2020|2020-11-30|EPI_ISL_770874|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Turkey/IST-GLAB-225/2020|2020-05-14|EPI_ISL_735293|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/CAMB-1ACA8F/2020|2020-04-22|EPI_ISL_489541|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B6BDD4/2020|2020-11-11|EPI_ISL_655223|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA313/2020|2020-03-22|EPI_ISL_596856|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/MILK-AB83E6/2020|2020-10-21|EPI_ISL_623510|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NC_200271/2020|2020-04-00|EPI_ISL_454810|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/United Arab Emirates/0715/2020|2020-05-19|EPI_ISL_698866|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-A68BDE/2020|2020-10-12|EPI_ISL_608917|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1798/2020|2020-04-16|EPI_ISL_486127|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/New Zealand/20VR3194/2020|2020-03-26|EPI_ISL_579480|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-272C1/2020|2020-03-30|EPI_ISL_431967|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8515/2020|2020-07-01|EPI_ISL_780430|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20VR1978/2020|2020-04-07|EPI_ISL_579185|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-HMH-5019/2020|2020-06-24|EPI_ISL_544464|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-2154/2020|2020-11-29|EPI_ISL_708492|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/TX-DSHS-0652/2020|2020-07-19|EPI_ISL_576306|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/France/ARA-10968/2020|2020-03-18|EPI_ISL_418431|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Australia/VIC10818/2020|2020-07-30|EPI_ISL_563107|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-BA14FB/2020|2020-11-18|EPI_ISL_757218|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BC3657/2020|2020-11-25|EPI_ISL_704119|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-288936-01/2020|2020-12-21|EPI_ISL_767496|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-BB14F8/2020|2020-11-17|EPI_ISL_720092|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A1DFEB/2020|2020-10-01|EPI_ISL_587549|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A962A5/2020|2020-10-20|EPI_ISL_624803|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB46FE/2020|2020-12-19|EPI_ISL_760938|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-954B7C/2020|2020-06-11|EPI_ISL_553469|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-MPP-33/2020|2020-06-17|EPI_ISL_487423|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00f6ttingen|Germany

>Spike|hCoV-19/Spain/MD-IBV-99008661/2020|2020-09-29|EPI_ISL_654222|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-2003/2020|2020-07-20|EPI_ISL_618251|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-280198/2020|2020-09-09|EPI_ISL_560552|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-2077/2020|2020-07-17|EPI_ISL_653230|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Finland/23LS8C1/2020|2020-10-23|EPI_ISL_759791|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Sweden/20-50305/2020|2020-03-12|EPI_ISL_475132|Original|hCoV-19^^Ostergötland|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-MCoV-14939/2020|2020-10-15|EPI_ISL_786423|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-121800/2020|2020-03-03|EPI_ISL_440214|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B225A4/2020|2020-11-02|EPI_ISL_645836|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14585/2020|2020-10-09|EPI_ISL_787870|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-233099/2020|2020-09-27|EPI_ISL_680251|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/20166000704/2020|2020-04-15|EPI_ISL_466496|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00450/2020|2020-04-30|EPI_ISL_693110|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Russia/KDA-RII-MH4887S/2020|2020-10-25|EPI_ISL_733280|Original|hCoV-19^^Krasnodar|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/BRIS-12B3C9/2020|2020-05-01|EPI_ISL_487570|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ukraine/203100347/2020|2020-05-16|EPI_ISL_512626|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/Australia/VIC6427/2020|2020-07-24|EPI_ISL_521218|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-2248/2020|2020-11-18|EPI_ISL_763331|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-99D7DD/2020|2020-08-30|EPI_ISL_550737|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7907966/2020|2020-10-23|EPI_ISL_744652|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUEH-9C9FC1/2020|2020-09-10|EPI_ISL_567318|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0271/2020|2020-03-26|EPI_ISL_434899|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4941CE/2020|2020-11-16|EPI_ISL_726081|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DA701/2020|2020-09-21|EPI_ISL_601435|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1839/2020|2020-05-27|EPI_ISL_496265|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-6391/2020|2020-07-05|EPI_ISL_545964|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-95281D/2020|2020-06-11|EPI_ISL_553968|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-nimh-3720/2020|2020-04-23|EPI_ISL_486394|Original|hCoV-19^^Karnataka|Human|MIMS|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/England/QEUEH-AD2BC0/2020|2020-10-26|EPI_ISL_634216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-321398/2020|2020-10-13|EPI_ISL_603639|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-AD3B1A/2020|2020-10-24|EPI_ISL_629962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205121191/2020|2020-00-00|EPI_ISL_766321|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Italy/APU-IZSPB_294PT/2020|2020-11-03|EPI_ISL_653788|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/ALDP-A863A5/2020|2020-10-17|EPI_ISL_606071|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11873/2020|2020-10-26|EPI_ISL_670742|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7336/2020|2020-10-12|EPI_ISL_619303|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-53640/2020|2020-11-02|EPI_ISL_766624|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-CZB-1672/2020|2020-05-14|EPI_ISL_468614|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/20119030104/2020|2020-03-14|EPI_ISL_465041|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11770/2020|2020-10-26|EPI_ISL_671124|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9CCAEB/2020|2020-09-16|EPI_ISL_573127|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Iran/Q100/2020|2020-03-10|EPI_ISL_637099|Original|hCoV-19^^Iran|Human|Indian Council of Medical Research-National Institute of Virology,\u00a0Microbial Containment Complex|Indian Council of Medical Research-National Institute of Virology,\u00a0Microbial Containment Complex|Yadav|Iran

>Spike|hCoV-19/England/ALDP-BE93BE/2020|2020-12-03|EPI_ISL_708911|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204490998/2020|2020-10-31|EPI_ISL_654013|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-AAB683/2020|2020-10-21|EPI_ISL_652804|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-C3F0DF/2020|2020-12-10|EPI_ISL_719256|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-119/2020|2020-04-07|EPI_ISL_537473|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/LIVE-DC21DD/2020|2020-11-23|EPI_ISL_679403|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Slovenia/V0-6255/2020|2020-04-07|EPI_ISL_635295|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/MILK-A6B27C/2020|2020-10-09|EPI_ISL_608774|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-260013/2020|2020-08-21|EPI_ISL_539349|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS6136324/2020|2020-11-25|EPI_ISL_744368|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Colombia/ANT-INS-103237/2020|2020-10-20|EPI_ISL_739674|Original|hCoV-19^^Antioquia|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/USA/FL-BPHL-1097/2020|2020-08-19|EPI_ISL_526583|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-1516/2020|2020-04-00|EPI_ISL_685123|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B85F74/2020|2020-11-13|EPI_ISL_674134|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2499/2020|2020-12-30|EPI_ISL_779331|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUEH-9F2CB9/2020|2020-09-25|EPI_ISL_588546|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1116AF/2020|2020-05-20|EPI_ISL_461907|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LEED-2A99C0/2020|2020-04-12|EPI_ISL_538811|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-300457/2020|2020-09-30|EPI_ISL_603408|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4880C0/2020|2020-10-26|EPI_ISL_639348|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-B2EB8/2020|2020-03-28|EPI_ISL_534822|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D3577/2020|2020-09-18|EPI_ISL_577338|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1643/2020|2020-07-02|EPI_ISL_594332|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-B12905/2020|2020-11-02|EPI_ISL_642211|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-BJMC-2442/2020|2020-04-20|EPI_ISL_496551|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Scotland/EDB7151/2020|2020-08-04|EPI_ISL_514557|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUH-9F47C5/2020|2020-09-27|EPI_ISL_588415|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-184/2020|2020-03-22|EPI_ISL_428280|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Australia/VIC4342/2020|2020-07-13|EPI_ISL_519638|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA3B31/2020|2020-10-22|EPI_ISL_624236|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290362-01/2020|2020-12-19|EPI_ISL_765545|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-A96339/2020|2020-10-20|EPI_ISL_624733|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5678/2020|2020-11-06|EPI_ISL_650806|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-9E37E7/2020|2020-09-24|EPI_ISL_584874|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47DB63/2020|2020-10-13|EPI_ISL_595333|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EAD9C/2020|2020-04-29|EPI_ISL_457375|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2436/2020|2020-03-17|EPI_ISL_468778|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-B678C8/2020|2020-11-10|EPI_ISL_655719|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0143/2020|2020-03-23|EPI_ISL_626367|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/UT-QDX-151/2020|2020-03-13|EPI_ISL_467914|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/SHEF-C2D4F/2020|2020-09-27|EPI_ISL_573691|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/HI-H200171/2020|2020-07-27|EPI_ISL_752732|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/UT-UPHL-03214/2020|2020-05-06|EPI_ISL_575269|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC9122/2020|2020-08-19|EPI_ISL_565398|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MASPHL-00038/2020|2020-04-02|EPI_ISL_791542|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/QEUH-A9D156/2020|2020-10-20|EPI_ISL_652658|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/PORT-2D0EFE/2020|2020-04-20|EPI_ISL_475303|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-BB2BF2/2020|2020-11-19|EPI_ISL_702683|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAC6CD/2020|2020-11-18|EPI_ISL_681422|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14952/2020|2020-06-06|EPI_ISL_739364|Original|hCoV-19^^California|Human|Monterey County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Netherlands/ZE-RIVM-10356/2020|2020-07-30|EPI_ISL_636588|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-94BB69/2020|2020-06-11|EPI_ISL_555802|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7EAD7/2020|2020-11-14|EPI_ISL_661698|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-98EEAD/2020|2020-08-28|EPI_ISL_540354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7154/2020|2020-09-00|EPI_ISL_688259|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20109029704/2020|2020-03-05|EPI_ISL_464550|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A66DE9/2020|2020-10-12|EPI_ISL_630475|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/488/2020|2020-03-20|EPI_ISL_424510|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Australia/VIC5068/2020|2020-07-17|EPI_ISL_519871|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A5067E/2020|2020-10-07|EPI_ISL_597621|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3085/2020|2020-09-02|EPI_ISL_635837|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MA-MGH-00773/2020|2020-04-12|EPI_ISL_791759|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Germany/HH-hpi-p1916/2020|2020-03-25|EPI_ISL_776247|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-C6F66B/2020|2020-12-13|EPI_ISL_778398|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C87A5/2020|2020-04-19|EPI_ISL_442032|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3906/2020|2020-08-12|EPI_ISL_548096|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-B3C1FE/2020|2020-11-01|EPI_ISL_706131|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1BD317/2020|2020-12-07|EPI_ISL_740966|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-5AC335/2020|2020-06-17|EPI_ISL_558830|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15617/2020|2020-10-26|EPI_ISL_785301|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300284/2020|2020-10-01|EPI_ISL_603316|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Kenya/C5246/2020|2020-05-09|EPI_ISL_568754|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/NOTT-113F39/2020|2020-10-01|EPI_ISL_577123|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42225323/2020|2020-04-08|EPI_ISL_581690|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Australia/VIC5486/2020|2020-07-20|EPI_ISL_520233|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-EVTL259/2020|2020-08-22|EPI_ISL_574393|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MA-MGH-00015/2020|2020-03-25|EPI_ISL_460319|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Japan/PG-4716/2020|2020-07-00|EPI_ISL_689852|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-127E80/2020|2020-04-17|EPI_ISL_469682|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14766/2020|2020-10-07|EPI_ISL_786251|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-2583/2021|2021-01-04|EPI_ISL_791101|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Canada/ON-S128/2020|2020-03-23|EPI_ISL_591184|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-956239/2020|2020-06-08|EPI_ISL_553942|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9967957/2020|2020-11-19|EPI_ISL_745021|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Luxembourg/LNS8076261/2020|2020-11-11|EPI_ISL_744678|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/SHEF-D1509/2020|2020-06-08|EPI_ISL_479276|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-CB5AB5/2020|2020-12-18|EPI_ISL_767104|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1103/2020|2020-10-14|EPI_ISL_596493|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Thailand/Bangkok-0038/2020|2020-03-25|EPI_ISL_429174|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Netherlands/UT-RIVM-20180/2020|2020-11-30|EPI_ISL_723155|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUH-BA0052/2020|2020-11-18|EPI_ISL_719615|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/296/2020|2020-03-18|EPI_ISL_417625|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/WI-UW-1297/2020|2020-08-28|EPI_ISL_536669|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/FL-BPHL-1442/2020|2020-09-07|EPI_ISL_549224|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUH-9B70A5/2020|2020-09-08|EPI_ISL_602119|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19208/2020|2020-12-07|EPI_ISL_748817|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18968/2020|2020-11-25|EPI_ISL_785252|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-4A44E0/2020|2020-06-03|EPI_ISL_559530|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B6349B/2020|2020-11-09|EPI_ISL_656359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-969/2020|2020-03-15|EPI_ISL_571768|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/AZ-TG491500/2020|2020-06-18|EPI_ISL_695129|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-5127F2/2020|2020-06-12|EPI_ISL_559088|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3825/2020|2020-07-09|EPI_ISL_520538|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p2112/2020|2020-03-22|EPI_ISL_775741|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMB-7C6D0/2020|2020-04-05|EPI_ISL_442281|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9D7643/2020|2020-09-18|EPI_ISL_576574|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0589/2020|2020-04-10|EPI_ISL_569606|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0020Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-13667/2020|2020-08-20|EPI_ISL_788765|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-CB460D/2020|2020-12-19|EPI_ISL_760912|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB655/2020|2020-11-18|EPI_ISL_681571|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3D719/2020|2020-11-02|EPI_ISL_645345|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8881/2020|2020-10-27|EPI_ISL_652015|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/France/IDF-10064DR/2020|2020-03-00|EPI_ISL_447729|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/Wales/PHWC-489F86/2020|2020-11-03|EPI_ISL_652510|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC28/2020|2020-03-10|EPI_ISL_419747|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/SC-DHEC-0931/2020|2020-06-26|EPI_ISL_541671|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/Australia/VIC5462/2020|2020-07-15|EPI_ISL_520212|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-CB560C/2020|2020-12-20|EPI_ISL_761861|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-279/2020|2020-03-16|EPI_ISL_436374|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/20132091504/2020|2020-03-22|EPI_ISL_423822|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI409/2020|2020-03-10|EPI_ISL_429503|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Brazil/SE-6533/2020|2020-03-19|EPI_ISL_541374|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/MILK-9AAB2C/2020|2020-08-31|EPI_ISL_550833|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99340D/2020|2020-08-26|EPI_ISL_552035|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC338a/2020|2020-07-09|EPI_ISL_512075|Original|hCoV-19^^Gujarat|Human|Dr. RSS Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/VIC7924/2020|2020-08-06|EPI_ISL_564746|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wuhan/HB-WH4-194/2020|2020-03-24|EPI_ISL_454948|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/ALDP-A2EBD4/2020|2020-10-05|EPI_ISL_587249|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-002718/2020|2020-04-07|EPI_ISL_467279|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NV-NSPHL-A0173/2020|2020-05-18|EPI_ISL_515431|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/QEUH-9C9CCA/2020|2020-09-10|EPI_ISL_567313|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B91E4/2020|2020-00-00|EPI_ISL_705545|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-8B6F9B/2020|2020-06-29|EPI_ISL_557098|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCBDA3/2020|2020-11-28|EPI_ISL_724463|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Gibraltar/205000673/2020|2020-12-00|EPI_ISL_709999|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/WI-UW-297/2020|2020-04-13|EPI_ISL_436591|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-C3C6EF/2020|2020-12-10|EPI_ISL_731662|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-SR0297/2020|2020-04-08|EPI_ISL_445152|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUH-96FF54/2020|2020-08-18|EPI_ISL_568428|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-956EAE/2020|2020-06-10|EPI_ISL_554295|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD301B/2020|2020-10-26|EPI_ISL_634140|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484B5A/2020|2020-10-21|EPI_ISL_628082|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/PDL-SC602/2020|2020-03-14|EPI_ISL_663250|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-10646/2020|2020-11-02|EPI_ISL_670111|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A9FDF/2020|2020-03-25|EPI_ISL_517385|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A69B73/2020|2020-10-09|EPI_ISL_665548|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-B046F0/2020|2020-10-24|EPI_ISL_652167|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00770/2020|2020-09-14|EPI_ISL_682056|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Wales/PHWC-48E3B2/2020|2020-11-12|EPI_ISL_680850|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1880857/2020|2020-10-27|EPI_ISL_740010|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/NM-DOH-2020318368/2020|2020-08-27|EPI_ISL_732732|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-10467/2020|2020-11-02|EPI_ISL_669994|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-964E16/2020|2020-08-13|EPI_ISL_531002|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6573/2020|2020-05-24|EPI_ISL_478256|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM04835647/2020|2020-12-04|EPI_ISL_753654|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/QEUEH-A3287C/2020|2020-10-06|EPI_ISL_628362|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-960D1D/2020|2020-08-06|EPI_ISL_532001|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/MASRI-014/2020|2020-04-30|EPI_ISL_482765|Original|hCoV-19^^Egypt|Human|Medical Ain Shams Research Institute (MASRI)|Medical Ain Shams Research Institute (MASRI)|Moustafa|Egypt

>Spike|hCoV-19/England/LIVE-AA2E4/2020|2020-03-23|EPI_ISL_517433|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Iceland/231/2020|2020-03-17|EPI_ISL_417559|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/LIVE-DC2CEB/2020|2020-11-24|EPI_ISL_705844|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1842/2020|2020-04-09|EPI_ISL_613922|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8218/2020|2020-07-07|EPI_ISL_784272|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-SLB3098/2020|2020-04-17|EPI_ISL_717756|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Scotland/QEUEH-AE26AE/2020|2020-10-27|EPI_ISL_649652|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CDE75/2020|2020-09-16|EPI_ISL_566241|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B907/2020|2020-09-19|EPI_ISL_573917|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Norway/5560/2020|2020-11-08|EPI_ISL_708121|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/LA-GBCL-26791695/2020|2020-04-10|EPI_ISL_485321|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Denmark/DCGC-17402/2020|2020-12-14|EPI_ISL_750958|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036740188/2020|2020-11-02|EPI_ISL_682105|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Israel/CVL-39-ngs/2020|2020-12-24|EPI_ISL_776630|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/NY-Wadsworth-287512-01/2020|2020-12-14|EPI_ISL_767420|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/VIC3932/2020|2020-07-13|EPI_ISL_520644|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|Schultz|Australia

>Spike|hCoV-19/England/20110000606/2020|2020-03-06|EPI_ISL_417301|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7C904/2020|2020-04-05|EPI_ISL_442817|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/204900615/2020|2020-11-30|EPI_ISL_766279|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Singapore/523/2020|2020-04-15|EPI_ISL_479601|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Israel/130711104/2020|2020-04-20|EPI_ISL_447455|Original|hCoV-19^^Tel Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/QEUEH-96E81E/2020|2020-08-19|EPI_ISL_581402|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F88A9/2020|2020-12-10|EPI_ISL_725369|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21177/2020|2020-12-21|EPI_ISL_759594|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACBFFB/2020|2020-10-21|EPI_ISL_629230|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC87D7/2020|2020-11-23|EPI_ISL_721378|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11130/2020|2020-12-18|EPI_ISL_737374|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-9E5897/2020|2020-09-24|EPI_ISL_589420|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0066/2020|2020-06-00|EPI_ISL_591408|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-4038/2020|2020-08-10|EPI_ISL_548647|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/France/OCC-SC568/2020|2020-05-20|EPI_ISL_663245|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Czech Republic/ChVir1912/2020|2020-03-05|EPI_ISL_416743|Original|hCoV-19^^Prague|Human|NRL for Influenza|Charite Universitaetsmedizin Berlin|Muehlemann|Czech Republic

>Spike|hCoV-19/South Korea/KDCA0206/2020|2020-11-26|EPI_ISL_747441|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Switzerland/ZH-ETHZ-270207/2020|2020-08-30|EPI_ISL_541539|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-9BAEF3/2020|2020-09-09|EPI_ISL_573851|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489CAD/2020|2020-10-23|EPI_ISL_652477|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-SR0198/2020|2020-03-21|EPI_ISL_437585|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/VA-DCLS-1657/2020|2020-08-29|EPI_ISL_644829|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-B84713/2020|2020-11-15|EPI_ISL_675411|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-45110/2020|2020-12-08|EPI_ISL_747219|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18037/2020|2020-11-16|EPI_ISL_786185|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/GJ-GBRC-362a/2020|2020-06-18|EPI_ISL_524713|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Gibraltar/204462823/2020|2020-10-29|EPI_ISL_614998|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Netherlands/NA_250/2020|2020-03-29|EPI_ISL_422784|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH079/2020|2020-03-19|EPI_ISL_434788|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NA_636/2020|2020-04-02|EPI_ISL_461071|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/OXON-AC631/2020|2020-04-06|EPI_ISL_448470|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14996/2020|2020-10-16|EPI_ISL_786480|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0759/2020|2020-06-27|EPI_ISL_512565|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUH-B12D63/2020|2020-11-01|EPI_ISL_641884|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-298/2020|2020-09-29|EPI_ISL_632510|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-13127/2020|2020-11-30|EPI_ISL_712600|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B5D1F7/2020|2020-11-09|EPI_ISL_678871|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B0845C/2020|2020-10-30|EPI_ISL_643587|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A41E69/2020|2020-10-03|EPI_ISL_609409|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/79290/2020|2020-11-00|EPI_ISL_732895|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/Spain/VC-IBV-98003098/2020|2020-03-15|EPI_ISL_538034|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8nic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORT-1B727CA/2020|2020-12-03|EPI_ISL_724899|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3400/2020|2020-07-07|EPI_ISL_636004|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MN-MDH-1637/2020|2020-05-12|EPI_ISL_539831|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Scotland/QEUH-98FF12/2020|2020-08-26|EPI_ISL_568336|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B96F43/2020|2020-11-13|EPI_ISL_675047|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18165/2020|2020-12-14|EPI_ISL_749790|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/WA305/2020|2020-03-25|EPI_ISL_596848|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Spain/PV-IBV-98007698/2020|2020-09-15|EPI_ISL_582042|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-18985/2020|2020-11-25|EPI_ISL_785266|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC3940/2020|2020-07-15|EPI_ISL_520651|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/TG-CCMB-OM12/2020|2020-05-15|EPI_ISL_495278|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/MILK-ACBDA6/2020|2020-10-20|EPI_ISL_629225|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-109/2020|2020-09-28|EPI_ISL_722837|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Israel/CVL-n-6131/2020|2020-03-15|EPI_ISL_474994|Original|hCoV-19^^Kiryat Ono|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/NOTT-1128F3/2020|2020-04-19|EPI_ISL_493560|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LIVE-DB643D/2020|2020-11-06|EPI_ISL_650290|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-7999/2020|2020-08-00|EPI_ISL_687100|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-46937/2020|2020-12-08|EPI_ISL_756207|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUH-9990B8/2020|2020-08-24|EPI_ISL_541838|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95C840/2020|2020-06-21|EPI_ISL_555032|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020321214/2020|2020-09-03|EPI_ISL_569632|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/QEUH-B7D64D/2020|2020-11-14|EPI_ISL_674543|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5660/2020|2020-11-06|EPI_ISL_650728|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10743/2020|2020-09-19|EPI_ISL_641585|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-9A5383/2020|2020-09-03|EPI_ISL_550022|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C3F5FE/2020|2020-12-10|EPI_ISL_719399|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45C88/2020|2020-11-07|EPI_ISL_656030|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D6337/2020|2020-04-21|EPI_ISL_482195|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B59C81/2020|2020-11-06|EPI_ISL_679923|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/NSW1028/2020|2020-03-16|EPI_ISL_593757|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMC-B09D05/2020|2020-10-30|EPI_ISL_673107|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495057/2020|2020-11-25|EPI_ISL_726291|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A4FAB2/2020|2020-10-07|EPI_ISL_597746|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03708/2020|2020-11-00|EPI_ISL_775190|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Singapore/498/2020|2020-04-18|EPI_ISL_479576|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/MI-MDHHS-SC20257/2020|2020-03-12|EPI_ISL_447227|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/NA_106/2020|2020-03-18|EPI_ISL_422655|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B01F34/2020|2020-10-23|EPI_ISL_642805|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A21A/2020|2020-04-02|EPI_ISL_440583|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000847/2020|2020-03-30|EPI_ISL_632224|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Singapore/1008/2020|2020-03-25|EPI_ISL_574493|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/India/DL-NCDC-4476/2020|2020-04-13|EPI_ISL_436455|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/QEUA-A8B953/2020|2020-10-16|EPI_ISL_643153|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201061225/2020|2020-03-04|EPI_ISL_464408|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH059/2020|2020-06-19|EPI_ISL_755035|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/205260475/2020|2020-12-17|EPI_ISL_754369|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7E3C8/2020|2020-04-07|EPI_ISL_524522|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6804/2020|2020-07-21|EPI_ISL_564067|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B41ABF/2020|2020-11-08|EPI_ISL_658735|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20149740/2020|2020-11-24|EPI_ISL_770102|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/NORT-294157/2020|2020-07-26|EPI_ISL_573337|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/OH-OSUP0024/2020|2020-04-12|EPI_ISL_430010|Original|hCoV-19^^Ohio|Human|OSU Wexner Medical Center|James Molecular Lab - OSUWMC|Jones|USA

>Spike|hCoV-19/France/PAC-IHU-0632/2020|2020-04-13|EPI_ISL_568903|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-16302/2020|2020-11-16|EPI_ISL_714691|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-47147/2020|2020-12-18|EPI_ISL_756238|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Germany/HH-hpi-p2497/2020|2020-06-26|EPI_ISL_776547|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/CA-CZB-1139/2020|2020-04-02|EPI_ISL_447890|Original|hCoV-19^^California|Human|University of California|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-3521/2020|2020-08-31|EPI_ISL_616312|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20166060504/2020|2020-04-03|EPI_ISL_466559|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-6503/2020|2020-07-00|EPI_ISL_689605|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16BE44/2020|2020-09-18|EPI_ISL_573980|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A137D/2020|2020-12-09|EPI_ISL_743661|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00243608/2020|2020-03-30|EPI_ISL_536367|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Switzerland/SH-ETHZ-400021/2020|2020-12-04|EPI_ISL_729090|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A44D0F/2020|2020-10-06|EPI_ISL_598547|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201141471/2020|2020-03-09|EPI_ISL_464755|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-BCB4CE/2020|2020-11-25|EPI_ISL_704185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA334/2020|2020-03-17|EPI_ISL_596877|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/MI-UM-10035823850/2020|2020-09-05|EPI_ISL_583321|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-A94F37/2020|2020-10-19|EPI_ISL_624790|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL135/2020|2020-05-09|EPI_ISL_451296|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-15868/2020|2020-11-23|EPI_ISL_714074|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2086/2020|2020-09-23|EPI_ISL_677491|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01295/2020|2020-06-00|EPI_ISL_548899|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/LA-GBCL-26544513/2020|2020-04-22|EPI_ISL_485105|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/ALDP-9FDED6/2020|2020-10-01|EPI_ISL_587869|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Cyprus/007/2020|2020-04-17|EPI_ISL_463747|Original|hCoV-19^^Cyprus|Human|Department of Molecular Virology|Department of Molecular Virology|Richter|Cyprus

>Spike|hCoV-19/Belgium/reg-0916967/2020|2020-09-16|EPI_ISL_734957|Original|hCoV-19^^Berg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/NM-DOH-2020329070/2020|2020-09-02|EPI_ISL_575324|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-6277/2020|2020-10-05|EPI_ISL_620037|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/TG-CCMB-OM25/2020|2020-09-20|EPI_ISL_644719|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/201090792/2020|2020-03-05|EPI_ISL_464606|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-852A09/2020|2020-07-17|EPI_ISL_557352|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-H12-LP16-6193/2020|2020-03-09|EPI_ISL_428675|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/CAMC-A575F2/2020|2020-10-08|EPI_ISL_597392|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001875/2020|2020-03-07|EPI_ISL_452470|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e1diz - INIBICA|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B853A5/2020|2020-11-15|EPI_ISL_674277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-956/2020|2020-03-09|EPI_ISL_614548|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5688/2020|2020-07-20|EPI_ISL_518494|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-31F63/2020|2020-04-13|EPI_ISL_446590|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-17-10/2020|2020-07-02|EPI_ISL_523035|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-489AA3/2020|2020-10-27|EPI_ISL_652448|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-1D2B23/2020|2020-03-29|EPI_ISL_612408|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC5614/2020|2020-07-16|EPI_ISL_518429|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-10614/2020|2020-11-02|EPI_ISL_669551|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3D38E/2020|2020-10-31|EPI_ISL_741366|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/ARA-117777/2020|2020-12-09|EPI_ISL_745377|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/France/ARA-06923/2020|2020-03-09|EPI_ISL_508937|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Netherlands/ZH-EMC-791/2020|2020-10-05|EPI_ISL_632672|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B3CB5A/2020|2020-11-01|EPI_ISL_706187|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20095816/2020|2020-08-01|EPI_ISL_602619|Original|hCoV-19^^Hong Kong|Human|United Christian Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/CAMC-B234B5/2020|2020-11-02|EPI_ISL_651518|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-A7D0F5/2020|2020-10-11|EPI_ISL_606608|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA133/2020|2020-04-02|EPI_ISL_596696|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/CA-CZB-14522/2020|2020-11-11|EPI_ISL_738536|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Australia/NSW1266/2020|2020-12-16|EPI_ISL_745097|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|CIDM-PH|Gall|Australia

>Spike|hCoV-19/Japan/PG-7147/2020|2020-09-00|EPI_ISL_688252|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-0106/2020|2020-04-29|EPI_ISL_509061|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/CAMC-B7A17C/2020|2020-11-12|EPI_ISL_741086|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Romania/ROSV_2492/2020|2020-04-16|EPI_ISL_491058|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Australia/VIC6357/2020|2020-07-22|EPI_ISL_518337|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC13510/2020|2020-07-30|EPI_ISL_592279|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Poland/PL_MCB_7/2020|2020-04-07|EPI_ISL_645006|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/England/MILK-9C29E8/2020|2020-09-10|EPI_ISL_566426|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-C32E78/2020|2020-12-11|EPI_ISL_757171|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-295B85/2020|2020-04-03|EPI_ISL_488629|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B6339E/2020|2020-11-09|EPI_ISL_656642|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5906/2020|2020-10-05|EPI_ISL_620171|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-AE50F8/2020|2020-10-27|EPI_ISL_633230|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7CE7E/2020|2020-04-06|EPI_ISL_441597|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A589/2020|2020-04-07|EPI_ISL_445586|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1775/2020|2020-11-11|EPI_ISL_732006|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/LIVE-A50B2/2020|2020-03-01|EPI_ISL_500104|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-B39249/2020|2020-11-01|EPI_ISL_658892|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008928/2020|2020-05-28|EPI_ISL_525033|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/ON-UHTC_0150/2020|2020-06-09|EPI_ISL_526283|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/EXET-136CDF/2020|2020-04-24|EPI_ISL_471913|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Ireland/CO-NVRL-72IRL34461/2020|2020-08-15|EPI_ISL_578250|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-UCLA-71/2020|2020-03-17|EPI_ISL_537596|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Ireland/un-NVRL-AIIDB0141v1/2020|2020-12-17|EPI_ISL_791311|Original|hCoV-19^^Ireland|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Wales/PHWC-47DF67/2020|2020-10-07|EPI_ISL_595385|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CEF8/2020|2020-09-25|EPI_ISL_574183|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-1223D1/2020|2020-04-04|EPI_ISL_440676|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42186303/2020|2020-03-11|EPI_ISL_528001|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/ID-UW-4418/2020|2020-03-28|EPI_ISL_430952|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Portugal/PT0005/2020|2020-03-04|EPI_ISL_417989|Original|hCoV-19^^Portugal|Human|Centro Hospitalar e Universitario de Sao Joao|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Brazil/RJ-00471/2020|2020-08-03|EPI_ISL_717866|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/France/OCC-57/2020|2020-07-15|EPI_ISL_593872|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut

F\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut
F\u00e9ratif de Biologie|Latour|France
>Spike|hCoV-19/England/SHEF-C85F6/2020|2020-03-22|EPI_ISL_432451|Original|hCoV-
19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de
Silva|United Kingdom
>Spike|hCoV-19/Peru/ARE-INS-075/2020|2020-04-16|EPI_ISL_527787|Original|hCoV-
19^^Arequipa|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro
Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de
Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional
de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru
>Spike|hCoV-19/Spain/MD-IBV-99008652/2020|2020-09-28|EPI_ISL_654216|Original|hCoV-
19^^Madrid|Human|Hospital General Universitario Gregorio Marañ\u00f1\u00f3n|SeqCOVID-
SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/England/QEUH-B8095D/2020|2020-11-14|EPI_ISL_674569|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-2777/2020|2020-07-15|EPI_ISL_635675|Original|hCoV-
19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at
Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/WI-WSLH-200464/2020|2020-05-18|EPI_ISL_578606|Original|hCoV-
19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease
Division|Wisconsin State Laboratory of Hygiene Communicable Disease
Division|Florek|USA
>Spike|hCoV-19/Australia/VIC12778/2020|2020-07-27|EPI_ISL_592077|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Switzerland/ZH-ETHZ-190038/2020|2020-07-
08|EPI_ISL_500900|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems
Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/AZ-TG517513/2020|2020-06-28|EPI_ISL_695339|Original|hCoV-
19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/England/ALDP-95AEF5/2020|2020-06-14|EPI_ISL_555713|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-964089/2020|2020-08-12|EPI_ISL_534370|Original|hCoV-
19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORW-F2BE2/2020|2020-11-18|EPI_ISL_665697|Original|hCoV-
19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK)
Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/QEUH-B133AC/2020|2020-11-02|EPI_ISL_641813|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-1739/2020|2020-03-09|EPI_ISL_619980|Original|hCoV-
19^^Nordjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/PG-5291/2020|2020-08-00|EPI_ISL_690394|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/MA-MGH-01022/2020|2020-04-30|EPI_ISL_791848|Original|hCoV-
19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease
Program|Park|USA
>Spike|hCoV-19/England/CAMB-1B92B4/2020|2020-11-03|EPI_ISL_651008|Original|hCoV-
19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Spain/RI-IBV-99010974/2020|2020-09-23|EPI_ISL_732802|Original|hCoV-
19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital
San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-C995D4/2020|2020-12-18|EPI_ISL_762059|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7B15E/2020|2020-10-15|EPI_ISL_607541|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01820/2020|2020-04-10|EPI_ISL_509571|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Denmark/DCGC-5788/2020|2020-09-28|EPI_ISL_620975|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B09C17/2020|2020-10-31|EPI_ISL_672995|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2004230658/2020|2020-04-23|EPI_ISL_677637|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/QEUA-AD10E0/2020|2020-10-26|EPI_ISL_647953|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB77C/2020|2020-09-16|EPI_ISL_575634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20378/2020|2020-03-24|EPI_ISL_450589|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9388/2020|2020-07-03|EPI_ISL_780557|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS7550441/2020|2020-07-10|EPI_ISL_744586|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/CVR4686/2020|2020-09-29|EPI_ISL_611610|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9699068/2020|2020-11-08|EPI_ISL_744969|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-998514/2020|2020-08-24|EPI_ISL_540017|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1746/2020|2020-05-12|EPI_ISL_542811|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS2285274/2020|2020-08-24|EPI_ISL_740092|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-95611E/2020|2020-06-08|EPI_ISL_554082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/KC-RII-MH2746S/2020|2020-09-17|EPI_ISL_602424|Original|hCoV-19^^Karachay-Cherkess|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUA-B2B286/2020|2020-11-03|EPI_ISL_646475|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/221_33038/2020|2020-03-12|EPI_ISL_437888|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Wales/PHWC-494B39/2020|2020-11-25|EPI_ISL_726220|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC7243/2020|2020-07-27|EPI_ISL_564309|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Italy/FVG-ICGEB-bal16/2020|2020-04-12|EPI_ISL_479618|Original|hCoV-19^^Friuli Venezia Giulia|Human|Laboratory of Molecular Virology of the International Centre for Genetic Engineering and Biotechnology (ICGEB)|ARGO Open Lab Platform for Genome Sequencing|Marcello|Italy

>Spike|hCoV-19/Denmark/DCGC-3530/2020|2020-08-31|EPI_ISL_616321|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99CD45/2020|2020-08-30|EPI_ISL_549816|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99DDEA/2020|2020-08-31|EPI_ISL_550676|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F2AE/2020|2020-10-05|EPI_ISL_609556|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4328/2020|2020-06-18|EPI_ISL_543537|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A666EE/2020|2020-10-11|EPI_ISL_626940|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-AA407D/2020|2020-10-22|EPI_ISL_624146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB8B5/2020|2020-04-07|EPI_ISL_470063|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139070504/2020|2020-03-28|EPI_ISL_423362|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036474937/2020|2020-10-16|EPI_ISL_628822|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-61A735/2020|2020-07-06|EPI_ISL_557885|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL779/2020|2020-06-29|EPI_ISL_528522|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/England/ALDP-925567/2020|2020-06-23|EPI_ISL_552828|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/GUA-INdRE-19/2020|2020-03-27|EPI_ISL_493334|Original|hCoV-19^^Guanajuato|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/USA/WA-S2361/2020|2020-06-10|EPI_ISL_496993|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18716/2020|2020-11-22|EPI_ISL_785064|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR2992/2020|2020-04-23|EPI_ISL_473638|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Palestine/AAS24/2020|2020-11-29|EPI_ISL_739659|Original|hCoV-19^^West Bank|Human|Al-Quds Nutrition and Health Research Institute|Al-Quds Nutrition and Health Research Institute|Ereqat|Palestine

>Spike|hCoV-19/England/MILK-99392C/2020|2020-08-26|EPI_ISL_552371|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E86DF/2020|2020-04-17|EPI_ISL_448224|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-24788/2020|2020-10-08|EPI_ISL_660913|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Japan/PG-6327/2020|2020-07-00|EPI_ISL_689438|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-2589/2020|2020-08-20|EPI_ISL_667258|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Spain/PV-HUB-52580776/2020|2020-06-10|EPI_ISL_483573|Original|hCoV-19^^Basque Country|Human|Clinical Microbiology Laboratory- Basurto University Hospital|Biocruces-Bizkaia|Urrutikoetxea-Gutierrez|Spain

>Spike|hCoV-19/England/OXON-B001E/2020|2020-04-18|EPI_ISL_478845|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1939/2020|2020-09-23|EPI_ISL_613487|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Faroe Islands/HFS-11/2020|2020-03-14|EPI_ISL_526941|Original|hCoV-19^^Faroe Islands|Human|Faroese National Reference Laboratory for Fish and Animal Diseases|Faroese National Reference Laboratory for Fish and Animal Diseases|Dahl|Faroe Islands

>Spike|hCoV-19/USA/WA-S939/2020|2020-04-23|EPI_ISL_463429|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A928E3/2020|2020-10-20|EPI_ISL_610938|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02897/2020|2020-04-30|EPI_ISL_513688|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/MILK-975BDF/2020|2020-08-21|EPI_ISL_552594|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-67D7C7/2020|2020-07-03|EPI_ISL_551799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B125A7/2020|2020-11-02|EPI_ISL_642537|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5796/2020|2020-04-17|EPI_ISL_449720|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/WA-S1771/2020|2020-06-01|EPI_ISL_496197|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-B39962/2020|2020-11-02|EPI_ISL_651373|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MN66-MDH66/2020|2020-03-14|EPI_ISL_419394|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/Scotland/CVR2785/2020|2020-04-20|EPI_ISL_473565|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC12467/2020|2020-07-29|EPI_ISL_641282|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18041/2020|2020-11-16|EPI_ISL_786189|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48464A/2020|2020-10-12|EPI_ISL_628026|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7841987/2020|2020-10-26|EPI_ISL_744640|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/New Zealand/20CV0392/2020|2020-10-05|EPI_ISL_622802|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/CA-CZB-13996/2020|2020-06-14|EPI_ISL_738957|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WI-UW-294/2020|2020-04-09|EPI_ISL_436588|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Uruguay/UY-4/2020|2020-03-17|EPI_ISL_426479|Original|hCoV-19^^Montevideo|Human|Microbial Genomics Laboratory|Microbial Genomics Laboratory|Iraola|Uruguay

>Spike|hCoV-19/England/CAMC-A57CFD/2020|2020-10-08|EPI_ISL_597041|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0408/2020|2020-12-16|EPI_ISL_755516|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/CO-QDX-2403/2020|2020-03-16|EPI_ISL_604691|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/DP0568/2020|2020-02-17|EPI_ISL_416609|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-6389/2020|2020-08-00|EPI_ISL_688622|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Thailand/Bangkok_KC0004/2020|2020-12-05|EPI_ISL_768612|Original|hCoV-19^^Bangkok|Human|Emergency Operation Center|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/USA/NY-Wadsworth-288888-01/2020|2020-12-18|EPI_ISL_767491|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Kenya/C256/2020|2020-04-04|EPI_ISL_568697|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/India/MH-NIV-46317/2020|2020-06-01|EPI_ISL_479550|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/DE-DHSS-F1013301/2020|2020-10-07|EPI_ISL_708428|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/CA-ALSR-1301/2020|2020-05-03|EPI_ISL_494485|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WI-UW-1057/2020|2020-07-24|EPI_ISL_516483|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-B94EFD/2020|2020-11-13|EPI_ISL_676253|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3283/2020|2020-09-17|EPI_ISL_635949|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/MILK-9F025F/2020|2020-09-24|EPI_ISL_589771|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/BRE-8940/2020|2020-08-01|EPI_ISL_560608|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Australia/VIC2672/2020|2020-07-02|EPI_ISL_521514|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-A8BFAC/2020|2020-10-15|EPI_ISL_643228|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9E5615/2020|2020-09-24|EPI_ISL_600932|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8378/2020|2020-06-29|EPI_ISL_783567|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA417A/2020|2020-10-21|EPI_ISL_624153|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_36/2020|2020-04-21|EPI_ISL_645035|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/England/QEUEH-9FFF68/2020|2020-10-01|EPI_ISL_600338|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8064/2020|2020-07-03|EPI_ISL_545830|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS2884060/2020|2020-11-23|EPI_ISL_740212|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S1905/2020|2020-05-29|EPI_ISL_496331|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-4A2840/2020|2020-12-09|EPI_ISL_743948|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR4348/2020|2020-09-12|EPI_ISL_572746|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LOND-124C416/2020|2020-03-24|EPI_ISL_492879|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18732/2020|2020-12-07|EPI_ISL_750150|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B32213/2020|2020-11-05|EPI_ISL_659344|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C807DA/2020|2020-12-17|EPI_ISL_762632|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-744DB7/2020|2020-06-29|EPI_ISL_557374|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670214/2020|2020-05-01|EPI_ISL_696402|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-C3C7DD/2020|2020-12-10|EPI_ISL_731036|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8446/2020|2020-07-01|EPI_ISL_780564|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B8C2A1/2020|2020-11-12|EPI_ISL_674251|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UN-3239/2020|2020-03-17|EPI_ISL_424365|Original|hCoV-19^^India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/USA/WI-UW-909/2020|2020-07-10|EPI_ISL_509910|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/DC-HP00122/2020|2020-03-18|EPI_ISL_457814|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/MILK-A6C017/2020|2020-10-09|EPI_ISL_609115|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LAM-INS-043/2020|2020-03-31|EPI_ISL_514264|Original|hCoV-19^^Lambayeque|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud. Per\u00fa|Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular.Instituto Nacional de Salud.Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/USA/WI-UW-1545/2020|2020-09-15|EPI_ISL_605423|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-A50429/2020|2020-10-07|EPI_ISL_597551|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-123BC9/2020|2020-04-06|EPI_ISL_442647|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL583/2020|2020-06-30|EPI_ISL_578987|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18347/2020|2020-11-18|EPI_ISL_784695|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1441/2020|2020-04-01|EPI_ISL_438810|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-A0AFA5/2020|2020-10-01|EPI_ISL_599433|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D666-2/2020|2020-03-07|EPI_ISL_516630|Original|hCoV-19^^Berlin|Human|Charite\u0301 Universita\u0308tsmedizin Berlin|Charite\u0301 Universita\u0308tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Switzerland/ZH-ETHZ-270100/2020|2020-09-03|EPI_ISL_541520|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORT-293783/2020|2020-07-02|EPI_ISL_499559|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00517/2020|2020-07-29|EPI_ISL_717906|Original|hCoV-19^^Rio de Janeiro|Human|LACEN RJ - Noel Nutels|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Sweden/20-53866/2020|2020-12-14|EPI_ISL_789042|Original|hCoV-19^^Uppsala|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Northern Ireland/NIRE-23311E/2020|2020-09-29|EPI_ISL_680256|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0432v4/2020|2020-04-07|EPI_ISL_644287|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-97164B/2020|2020-08-18|EPI_ISL_553038|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20164087204/2020|2020-04-14|EPI_ISL_466491|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC17142/2020|2020-08-14|EPI_ISL_663759|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18724/2020|2020-11-22|EPI_ISL_785071|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB4800/2020|2020-05-12|EPI_ISL_453152|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-556/2020|2020-12-01|EPI_ISL_728204|Original|hCoV-19^^Santo Domingo|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/mink/Netherlands/NB-EMC-58-4/2020|2020-00-00|EPI_ISL_632351|Original|hCoV-19^^Noord Brabant|Neovision vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/IB-IBV-99011576/2020|2020-12-08|EPI_ISL_779903|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-498519/2020|2020-12-01|EPI_ISL_727087|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9449C0/2020|2020-06-07|EPI_ISL_555720|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009575/2020|2020-09-16|EPI_ISL_683603|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-BBCF83/2020|2020-11-20|EPI_ISL_705614|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3220/2020|2020-06-12|EPI_ISL_544088|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-2084/2020|2020-06-09|EPI_ISL_653237|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-17180/2020|2020-12-14|EPI_ISL_750807|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/AG-ETHZ-410263/2020|2020-12-14|EPI_ISL_737473|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-1D2B8D/2020|2020-03-29|EPI_ISL_612411|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/EDB232/2020|2020-03-27|EPI_ISL_425951|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15924/2020|2020-11-23|EPI_ISL_714486|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-4072/2020|2020-08-05|EPI_ISL_548581|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Netherlands/NH-EMC-70/2020|2020-09-16|EPI_ISL_577866|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A80D70/2020|2020-10-13|EPI_ISL_610912|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1178/2020|2020-08-20|EPI_ISL_526664|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-BC3AF1/2020|2020-11-25|EPI_ISL_704072|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C66B9/2020|2020-07-26|EPI_ISL_517553|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC6429/2020|2020-07-24|EPI_ISL_521220|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-5792/2020|2020-09-28|EPI_ISL_620979|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-1979/2020|2020-07-30|EPI_ISL_526081|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM53624288/2020|2020-12-02|EPI_ISL_753587|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-9E74DD/2020|2020-09-24|EPI_ISL_580386|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-961/2020|2020-10-17|EPI_ISL_722510|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-5295/2020|2020-08-00|EPI_ISL_690398|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B8C8A/2020|2020-11-02|EPI_ISL_651004|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/TAS13/2020|2020-04-15|EPI_ISL_522595|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NB-EMC-301/2020|2020-10-02|EPI_ISL_632536|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/201620360/2020|2020-04-07|EPI_ISL_466413|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15744/2020|2020-11-23|EPI_ISL_713995|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/PA-MGEL88/2020|2020-04-02|EPI_ISL_454371|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/Indonesia/JB-WJHL-ITB-L18952/2020|2020-10-04|EPI_ISL_745033|Original|hCoV-19^^West Java|Human|West Java Health Laboratory|West Java Health Laboratory|Fibriani|Indonesia

>Spike|hCoV-19/England/SHEF-BFE9D/2020|2020-03-24|EPI_ISL_418302|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9535/2020|2020-11-09|EPI_ISL_668549|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-00352/2020|2020-03-27|EPI_ISL_449805|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/AZ-TG480748/2020|2020-07-08|EPI_ISL_695068|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-7789/2020|2020-10-19|EPI_ISL_618682|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BA769/2020|2020-11-16|EPI_ISL_664995|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664521/2020|2020-04-19|EPI_ISL_696138|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Scotland/EDB2742/2020|2020-03-27|EPI_ISL_456897|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUH-896FFB/2020|2020-07-24|EPI_ISL_532739|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B6062/2020|2020-09-19|EPI_ISL_572779|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1735/2020|2020-09-03|EPI_ISL_614054|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/LIVE-9D75E/2020|2020-04-11|EPI_ISL_453230|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-5160/2020|2020-08-12|EPI_ISL_672393|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUH-76BF2D/2020|2020-07-16|EPI_ISL_533160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00232101/2020|2020-03-22|EPI_ISL_535977|Original|hCoV-19^^Quebec|Human|Centre de SSS de Trois-Rivières|Laboratoire de santé publique du Québec|Moreira|Canada

>Spike|hCoV-19/Switzerland/ZH-ETHZ-230000/2020|2020-07-31|EPI_ISL_516552|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/ULG-10621/2020|2020-08-17|EPI_ISL_626233|Original|hCoV-19^^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-11767/2020|2020-10-26|EPI_ISL_671123|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B07C28/2020|2020-10-29|EPI_ISL_643641|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-3-2/2020|2020-05-06|EPI_ISL_523091|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-0297/2020|2020-03-27|EPI_ISL_420812|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CDPH255/2020|2020-11-14|EPI_ISL_755091|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22211/2020|2020-10-26|EPI_ISL_644356|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/CAMC-B987D0/2020|2020-11-15|EPI_ISL_673779|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50256/2020|2020-03-07|EPI_ISL_455894|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/QEUH-A9D262/2020|2020-10-20|EPI_ISL_680562|Original|hCoV-19^^Scotland|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Singapore/1091/2020|2020-09-26|EPI_ISL_596481|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-490E16/2020|2020-11-17|EPI_ISL_706575|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-544/2020|2020-06-22|EPI_ISL_484919|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Germany/NW-HHU-494/2020|2020-12-03|EPI_ISL_770743|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Denmark/ALAB-SSI349/2020|2020-03-23|EPI_ISL_429463|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/CA-UCLA-220/2020|2020-06-09|EPI_ISL_537527|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/VA-DCLS-1236/2020|2020-07-30|EPI_ISL_528655|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUH-AE21DA/2020|2020-10-26|EPI_ISL_633464|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BAA42/2020|2020-11-13|EPI_ISL_664774|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2028/2020|2020-09-21|EPI_ISL_677435|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/TAS51/2020|2020-04-09|EPI_ISL_522726|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-226966-01/2020|2020-09-24|EPI_ISL_677130|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-B09B0B/2020|2020-10-31|EPI_ISL_673121|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-09861/2020|2020-11-04|EPI_ISL_676489|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Japan/PG-6761/2020|2020-08-00|EPI_ISL_687871|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9615/2020|2020-08-02|EPI_ISL_565627|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-D3A17/2020|2020-04-06|EPI_ISL_441023|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-A93C13/2020|2020-10-19|EPI_ISL_611117|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-BEAECB/2020|2020-12-04|EPI_ISL_710624|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9C081/2020|2020-03-31|EPI_ISL_449504|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Austria/CeMM0267/2020|2020-03-24|EPI_ISL_438096|Original|hCoV-19^^Styria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/HI-H200110/2020|2020-06-23|EPI_ISL_752673|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMC-BBB8C5/2020|2020-11-21|EPI_ISL_705563|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14660/2020|2020-11-16|EPI_ISL_738968|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-11353/2020|2020-11-02|EPI_ISL_670860|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0443/2020|2020-05-17|EPI_ISL_698617|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/LOND-D6D48/2020|2020-04-01|EPI_ISL_478428|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/204221434/2020|2020-00-00|EPI_ISL_593985|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26544523/2020|2020-04-20|EPI_ISL_485109|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/CAMB-8090D/2020|2020-04-10|EPI_ISL_443034|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-A31312/2020|2020-10-04|EPI_ISL_595878|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-4719/2020|2020-07-00|EPI_ISL_689855|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/mink/Netherlands/NB-EMC-25-12/2020|2020-07-26|EPI_ISL_523084|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-9B9C63/2020|2020-09-07|EPI_ISL_568256|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132080104/2020|2020-03-24|EPI_ISL_423804|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B8781/2020|2020-09-08|EPI_ISL_549675|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2346D2/2020|2020-10-14|EPI_ISL_680424|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-C6BA45/2020|2020-12-14|EPI_ISL_778627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15622/2020|2020-10-26|EPI_ISL_785306|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-51849/2020|2020-06-01|EPI_ISL_510855|Original|hCoV-19^^Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-CZB-11500/2020|2020-08-02|EPI_ISL_625593|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-ALSR-4109/2020|2020-07-01|EPI_ISL_648829|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-9F8248/2020|2020-09-27|EPI_ISL_588906|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38B8B/2020|2020-11-01|EPI_ISL_658965|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0459/2020|2020-11-11|EPI_ISL_682070|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/QEUEH-9DC7B4/2020|2020-09-21|EPI_ISL_580999|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-230/2020|2020-11-12|EPI_ISL_717623|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/LA-EVTL1027/2020|2020-08-25|EPI_ISL_653718|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/India/KA-IB54/2020|2020-06-20|EPI_ISL_508331|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/France/BRE-IPP9990/2020|2020-10-17|EPI_ISL_718245|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/204321426/2020|2020-10-19|EPI_ISL_649828|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001344/2020|2020-11-13|EPI_ISL_683926|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/PG-6829/2020|2020-07-00|EPI_ISL_687937|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-EVTL506/2020|2020-06-24|EPI_ISL_578910|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-48DF28/2020|2020-11-09|EPI_ISL_680779|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1387/2020|2020-11-12|EPI_ISL_700420|Original|hCoV-19^Western Cape|Human|D'Almeida Clinic wc DAL|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Spain/CT-IBV-99009878/2020|2020-07-31|EPI_ISL_660275|Original|hCoV-19^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-9E61F5/2020|2020-09-24|EPI_ISL_580425|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1420/2020|2020-03-18|EPI_ISL_423000|Original|hCoV-19^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-A64A99/2020|2020-10-11|EPI_ISL_608987|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-UZH-1000483258/2020|2020-03-15|EPI_ISL_508868|Original|hCoV-19^Zurich|Human|Division of Infectious Diseases and Hospital Epidemiology|Institute of Medical Virology|Huber|Switzerland

>Spike|hCoV-19/Australia/VIC8987/2020|2020-07-25|EPI_ISL_565337|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9C2E70/2020|2020-09-10|EPI_ISL_566482|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-117876/2020|2020-10-23|EPI_ISL_627671|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/CVR3164/2020|2020-04-22|EPI_ISL_453096|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96EA63/2020|2020-08-19|EPI_ISL_534462|Original|hCoV-19^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4770/2020|2020-08-00|EPI_ISL_689906|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/SIC-IZSBM169-76/2020|2020-06-00|EPI_ISL_582694|Original|hCoV-19^Sicily|Human|Laboratorio di Riferimento Regionale della Sicilia Occidentale per l'Emergenza COVID-19|Istituto Zooprofilattico Sperimentale della Sicilia|Reale|Italy

>Spike|hCoV-19/England/ALDP-951A90/2020|2020-06-10|EPI_ISL_555504|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2634/2020|2020-04-00|EPI_ISL_690766|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-2242/2020|2020-08-10|EPI_ISL_617547|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20148002204/2020|2020-04-02|EPI_ISL_466050|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15116/2020|2020-10-17|EPI_ISL_786600|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-QDX-2285/2020|2020-03-13|EPI_ISL_604606|Original|hCoV-19^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-4A4C9D/2020|2020-06-07|EPI_ISL_559537|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B1D5D9/2020|2020-11-01|EPI_ISL_710983|Original|hCoV-19^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B2145D/2020|2020-10-03|EPI_ISL_647213|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1DA5/2020|2020-04-05|EPI_ISL_499278|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI370/2020|2020-03-23|EPI_ISL_429476|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wuhan/HBCDC-HB-04/2020|2020-01-18|EPI_ISL_412980|Original|hCoV-19^^Hubei|Human|Union Hospital of Tongji Medical College|Hubei Provincial Center for Disease Control and Prevention|Fang|China

>Spike|hCoV-19/South Korea/KDCA0144/2020|2020-10-20|EPI_ISL_747379|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-92D435/2020|2020-06-21|EPI_ISL_553719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14406/2020|2020-08-16|EPI_ISL_592485|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7930/2020|2020-06-29|EPI_ISL_545715|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/North Macedonia/2531/2020|2020-06-06|EPI_ISL_516414|Original|hCoV-19^^Skopje|Human|Center for public health - Skopje|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/Spain/RI-IBV-005984/2020|2020-03-22|EPI_ISL_500418|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/GCVR-17133D/2020|2020-03-26|EPI_ISL_459672|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-321476/2020|2020-10-14|EPI_ISL_603688|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-BA3329/2020|2020-11-18|EPI_ISL_721171|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-EMC-56/2020|2020-00-00|EPI_ISL_577852|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/CT-IBV-97009538/2020|2020-10-28|EPI_ISL_671840|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A47337/2020|2020-10-06|EPI_ISL_598484|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1527323/2020|2020-10-25|EPI_ISL_739948|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B622B0/2020|2020-11-09|EPI_ISL_656474|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B88B04/2020|2020-11-14|EPI_ISL_675851|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC76CC/2020|2020-11-22|EPI_ISL_721474|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0478/2020|2020-04-02|EPI_ISL_480138|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9B1D95/2020|2020-09-04|EPI_ISL_566610|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B10A13/2020|2020-11-02|EPI_ISL_642674|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1D2A44/2020|2020-03-29|EPI_ISL_611575|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1326/2020|2020-03-16|EPI_ISL_572115|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/India/KA-IB31/2020|2020-06-03|EPI_ISL_508310|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Japan/PG-1503/2020|2020-04-00|EPI_ISL_685110|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Jordan/AM-ALSR-5303/2020|2020-11-04|EPI_ISL_730539|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/NORT-296C27/2020|2020-04-28|EPI_ISL_484274|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9905208/2020|2020-10-26|EPI_ISL_745007|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-76973/2020|2020-03-29|EPI_ISL_438449|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB2446/2020|2020-04-23|EPI_ISL_439210|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/PORT-2D58CE/2020|2020-12-18|EPI_ISL_764121|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11325/2020|2020-11-02|EPI_ISL_670841|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-73IRL76207/2020|2020-09-15|EPI_ISL_596909|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/WI-WSLH-200695/2020|2020-09-17|EPI_ISL_631452|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUA-CDF48A/2020|2020-12-26|EPI_ISL_782186|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1678/2020|2020-03-30|EPI_ISL_468618|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/MILK-B3C0A6/2020|2020-11-01|EPI_ISL_706117|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B862B6/2020|2020-11-13|EPI_ISL_673911|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24EC5/2020|2020-11-04|EPI_ISL_646538|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-D0264B/2020|2020-12-21|EPI_ISL_781633|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46FBC/2020|2020-10-06|EPI_ISL_598439|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB046/2020|2020-03-25|EPI_ISL_429001|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-13341/2020|2020-11-30|EPI_ISL_712741|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG395912/2020|2020-06-08|EPI_ISL_694756|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUH-B1303C/2020|2020-11-03|EPI_ISL_649508|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-0536/2020|2020-04-04|EPI_ISL_435370|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-18633/2020|2020-12-07|EPI_ISL_749167|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/N00129/2020|2020-07-06|EPI_ISL_623019|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/ALDP-950B52/2020|2020-06-14|EPI_ISL_554599|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10973/2020|2020-11-02|EPI_ISL_670318|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0358/2020|2020-06-13|EPI_ISL_538295|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NM-NMDOH-2020327015/2020|2020-09-03|EPI_ISL_644587|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/201620041/2020|2020-04-13|EPI_ISL_466391|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2F5D32/2020|2020-04-09|EPI_ISL_512424|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUH-AAE1E9/2020|2020-10-22|EPI_ISL_652964|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020323686/2020|2020-09-01|EPI_ISL_542090|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Italy/VEN-UniVR-42/2020|2020-03-11|EPI_ISL_751354|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Wales/PHWC-365F3/2020|2020-05-01|EPI_ISL_474689|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0627-IPL/2020|2020-04-21|EPI_ISL_483266|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-UM-10036650310/2020|2020-10-27|EPI_ISL_682102|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-95606C/2020|2020-06-08|EPI_ISL_554021|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A823E5/2020|2020-10-10|EPI_ISL_610875|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497161/2020|2020-11-26|EPI_ISL_726786|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00062/2020|2020-12-21|EPI_ISL_765999|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14335/2020|2020-10-05|EPI_ISL_787620|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9769/2020|2020-07-06|EPI_ISL_780264|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-124E0B/2020|2020-03-26|EPI_ISL_443811|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/SD-SDPHL-0012/2020|2020-07-29|EPI_ISL_569620|Original|hCoV-19^^South Dakota|Human|McCrossan Boys Ranch|South Dakota Public Health Laboratory|Carlson|USA

>Spike|hCoV-19/Belgium/regal-10141396/2020|2020-10-14|EPI_ISL_738448|Original|hCoV-19^^Putte|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/204941525/2020|2020-12-02|EPI_ISL_754344|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E57D/2020|2020-12-07|EPI_ISL_743014|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/KA-nimh-1519/2020|2020-04-15|EPI_ISL_515937|Original|hCoV-19^^Karnataka|Human|BIMS|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Netherlands/NA_289/2020|2020-03-31|EPI_ISL_422598|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC20675/2020|2020-05-14|EPI_ISL_471699|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/BRIS-130525/2020|2020-04-11|EPI_ISL_492693|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1694DB/2020|2020-06-06|EPI_ISL_499401|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2797/2020|2020-08-31|EPI_ISL_667315|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Panama/331254/2020|2020-03-11|EPI_ISL_496682|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/QEUH-AD2085/2020|2020-10-26|EPI_ISL_634014|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S891/2020|2020-04-28|EPI_ISL_463381|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-19153/2020|2020-12-07|EPI_ISL_748783|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/TG-CCMB-OM27/2020|2020-09-20|EPI_ISL_644721|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Wales/PHWC-497D8B/2020|2020-11-30|EPI_ISL_726972|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CB05C/2020|2020-06-03|EPI_ISL_479245|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1754/2020|2020-03-19|EPI_ISL_776129|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Netherlands/NB-RIVM-10304/2020|2020-03-04|EPI_ISL_636506|Original|hCoV-19^^NoordBrabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-201232095/2020|2020-03-30|EPI_ISL_672557|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC9141/2020|2020-08-22|EPI_ISL_565408|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-BC0933/2020|2020-11-22|EPI_ISL_704904|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2586/2020|2020-06-30|EPI_ISL_521459|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/MILK-9E18B9/2020|2020-09-19|EPI_ISL_577415|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00303/2020|2020-05-13|EPI_ISL_508058|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/New Zealand/20CV0137/2020|2020-08-22|EPI_ISL_548018|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUH-990321/2020|2020-08-26|EPI_ISL_540087|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1834890/2020|2020-10-22|EPI_ISL_740002|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Finland/1LS16E3/2020|2020-10-01|EPI_ISL_757352|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMC-C71B76/2020|2020-12-15|EPI_ISL_769106|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0065/2020|2020-05-09|EPI_ISL_522351|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/QEUH-AD13BA/2020|2020-10-27|EPI_ISL_649713|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUI-9D1597/2020|2020-09-16|EPI_ISL_573856|Original|hCoV-19^^Scotland|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17050B/2020|2020-03-23|EPI_ISL_459667|Original|hCoV-19^^Scotland|Human|NHSGCC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-A4D322/2020|2020-10-05|EPI_ISL_628595|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/LA-SR0285/2020|2020-04-01|EPI_ISL_445140|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-A467E1/2020|2020-10-06|EPI_ISL_598771|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-6F62D4/2020|2020-06-30|EPI_ISL_557532|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20485/2020|2020-12-21|EPI_ISL_758734|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8562/2020|2020-07-01|EPI_ISL_780627|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4368/2020|2020-08-31|EPI_ISL_615571|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B887C4/2020|2020-11-13|EPI_ISL_675917|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-10282/2020|2020-03-17|EPI_ISL_418428|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier Lucien Hessel|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/OR-OHSU-1019/2020|2020-07-09|EPI_ISL_525949|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Italy/APU-UniMI-39/2020|2020-03-16|EPI_ISL_477194|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata;|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/England/QEUI-C57AA6/2020|2020-12-12|EPI_ISL_736367|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-360F2/2020|2020-04-27|EPI_ISL_474621|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1110/2020|2020-12-15|EPI_ISL_722782|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/United Arab Emirates/1053/2020|2020-06-11|EPI_ISL_698128|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/AZ-TG494588/2020|2020-07-13|EPI_ISL_695247|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-49CBD7/2020|2020-12-07|EPI_ISL_742658|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUI-B100C6/2020|2020-11-02|EPI_ISL_642732|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003384/2020|2020-09-10|EPI_ISL_602772|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-A79EFF/2020|2020-10-15|EPI_ISL_606763|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99276F/2020|2020-08-27|EPI_ISL_551973|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC2FC4/2020|2020-11-25|EPI_ISL_705856|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012436214/2020|2020-08-08|EPI_ISL_745816|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13102/2020|2020-08-27|EPI_ISL_788253|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-EMC-223/2020|2020-12-09|EPI_ISL_722462|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Finland/16CH7/2020|2020-12-03|EPI_ISL_732593|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Denmark/DCGC-1946/2020|2020-03-30|EPI_ISL_622508|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-10961/2020|2020-09-17|EPI_ISL_583044|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-481407/2020|2020-10-19|EPI_ISL_613067|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT0234/2020|2020-03-31|EPI_ISL_453948|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Portugal/PT0805/2020|2020-03-19|EPI_ISL_511064|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/201360492/2020|2020-03-24|EPI_ISL_421780|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7281/2020|2020-08-00|EPI_ISL_688384|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-1154/2020|2020-07-03|EPI_ISL_634956|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LOND-1250B92/2020|2020-11-04|EPI_ISL_665251|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7546/2020|2020-11-00|EPI_ISL_740709|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/England/MILK-ACBB9D/2020|2020-10-21|EPI_ISL_629222|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR458/2020|2020-03-23|EPI_ISL_433298|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8447/2020|2020-11-00|EPI_ISL_740806|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/Italy/VEN-UniVR-20/2020|2020-08-26|EPI_ISL_751341|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Denmark/DCGC-3770/2020|2020-04-20|EPI_ISL_622655|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47CE10/2020|2020-10-06|EPI_ISL_586054|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC16303/2020|2020-09-11|EPI_ISL_640583|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/277/2020|2020-04-08|EPI_ISL_462395|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-1628E5/2020|2020-05-31|EPI_ISL_473138|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9EF96/2020|2020-11-18|EPI_ISL_719626|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AC1238/2020|2020-10-10|EPI_ISL_631011|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12952F/2020|2020-04-19|EPI_ISL_458805|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D2BD6/2020|2020-12-08|EPI_ISL_706984|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-A44B50/2020|2020-10-07|EPI_ISL_598540|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12309/2020|2020-11-16|EPI_ISL_682490|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-97B896/2020|2020-07-11|EPI_ISL_526291|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUEH-A209AB/2020|2020-10-01|EPI_ISL_587632|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7D856/2020|2020-11-14|EPI_ISL_741885|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6551/2020|2020-04-16|EPI_ISL_527728|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/South Africa/L00164/2020|2020-07-27|EPI_ISL_622965|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Fuzhou/JX2019/2020|2020-02-10|EPI_ISL_455465|Original|hCoV-19^^Jiangxi|Human|Jiangxi Province Center for Disease Control and Prevention|Jiangxi Province Center for Disease Control and Prevention|Xiong|China

>Spike|hCoV-19/Russia/LEN-RII-MH6113S/2020|2020-11-10|EPI_ISL_733348|Original|hCoV-19^^Leningrad|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/NSW829/2020|2020-08-09|EPI_ISL_526171|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Luxembourg/LNS8359656/2020|2020-10-22|EPI_ISL_744727|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Austria/CeMM0194/2020|2020-03-14|EPI_ISL_438035|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/MILK-A7C1A8/2020|2020-10-15|EPI_ISL_607400|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII8913S/2020|2020-04-23|EPI_ISL_450290|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/VIC147/2020|2020-03-17|EPI_ISL_419844|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-0725/2020|2020-04-00|EPI_ISL_684335|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-GMF-08729/2020|2020-06-30|EPI_ISL_489935|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Spain/MD-IBV-99008630/2020|2020-09-24|EPI_ISL_654204|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MA-MGH-01235/2020|2020-05-04|EPI_ISL_791909|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/CA-ALSR-3832/2020|2020-07-14|EPI_ISL_636232|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CT-Yale-259/2020|2020-04-01|EPI_ISL_469185|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/VA-DCLS-0168/2020|2020-04-13|EPI_ISL_437801|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-95FD4E/2020|2020-08-03|EPI_ISL_531896|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG352039/2020|2020-05-27|EPI_ISL_694421|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-9F765C/2020|2020-09-27|EPI_ISL_595692|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_5186/2020|2020-03-17|EPI_ISL_471553|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague and The National Institute of Public Health|Nagy|Czech Republic

>Spike|hCoV-19/England/BRIS-12C5FF/2020|2020-05-08|EPI_ISL_469480|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8936/2020|2020-07-02|EPI_ISL_780844|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9FAAB7/2020|2020-09-29|EPI_ISL_588109|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20296/2020|2020-03-14|EPI_ISL_447093|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NOTT-119EDC/2020|2020-11-03|EPI_ISL_627729|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Poland/PL_P14/2020|2020-03-31|EPI_ISL_451975|Original|hCoV-19^^Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/Taiwan/225/2020|2020-03-22|EPI_ISL_421651|Original|hCoV-19^^Taipei|Human|Centers for Disease Control|Centers for Disease Control|Yang|Taiwan

>Spike|hCoV-19/England/ALDP-B843D3/2020|2020-11-14|EPI_ISL_674428|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4874C5/2020|2020-10-29|EPI_ISL_639202|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ukraine/203100320/2020|2020-06-23|EPI_ISL_512600|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/England/BRIS-12276C/2020|2020-04-04|EPI_ISL_440737|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004598/2020|2020-11-05|EPI_ISL_660628|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-94DAA6/2020|2020-06-17|EPI_ISL_555204|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-96CBAE/2020|2020-08-21|EPI_ISL_530676|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5C191A/2020|2020-06-15|EPI_ISL_558881|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0391/2020|2020-05-31|EPI_ISL_542451|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0200/2020|2020-10-15|EPI_ISL_729893|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Wales/PHWC-31FFA/2020|2020-04-13|EPI_ISL_446597|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-CDC-2-3714069/2020|2020-12-02|EPI_ISL_751728|Original|hCoV-19^^Colorado|Human|CO Dept. of Public Health and Environment|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-C2F913/2020|2020-12-07|EPI_ISL_733811|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BED7A/2020|2020-09-10|EPI_ISL_567934|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/TH-IIMK-CaSe-7/2020|2020-05-19|EPI_ISL_728298|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/Canada/ON-CVD01417/2020|2020-11-24|EPI_ISL_755739|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/SHEF-C962F/2020|2020-10-13|EPI_ISL_611602|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Hungary/mb11/2020|2020-03-17|EPI_ISL_416426|Original|hCoV-19^^Budapest|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/USA/UT-UPHL-201004959/2020|2020-04-24|EPI_ISL_594420|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC9195/2020|2020-08-22|EPI_ISL_565437|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-479/2020|2020-06-10|EPI_ISL_484854|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/New Zealand/20VR0712/2020|2020-03-11|EPI_ISL_456163|Original|hCoV-19^^Lakes|Human|PathLab Bay of Plenty|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/United Arab Emirates/H27/2020|2020-04-30|EPI_ISL_528718|Original|hCoV-19^^Abu Dhabi|Human|Alsafar - Khalifa University Abu Dhabi|Alsafar - Khalifa University Abu Dhabi|Daw Elbait|United Arab Emirates

>Spike|hCoV-19/Belgium/ULG-10080/2020|2020-04-03|EPI_ISL_424641|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUA-AAA824/2020|2020-10-21|EPI_ISL_652712|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-AE4F65/2020|2020-10-27|EPI_ISL_633371|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5C0E94/2020|2020-06-18|EPI_ISL_558733|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3452/2020|2020-07-00|EPI_ISL_691562|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A58175/2020|2020-10-08|EPI_ISL_597075|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6753/2020|2020-06-25|EPI_ISL_546218|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9A8CEF/2020|2020-09-02|EPI_ISL_550214|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS-isl-6841/2020|2020-05-18|EPI_ISL_605916|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/England/CAMC-B2244D/2020|2020-11-03|EPI_ISL_647150|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-AR55/2020|2020-06-09|EPI_ISL_511919|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/LIVE-A049D/2020|2020-05-24|EPI_ISL_472113|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498CF6/2020|2020-11-27|EPI_ISL_727200|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B3F5E0/2020|2020-11-08|EPI_ISL_658727|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4114/2020|2020-09-08|EPI_ISL_540814|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC7839/2020|2020-07-29|EPI_ISL_564690|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-5322/2020|2020-08-00|EPI_ISL_690425|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-1071/2020|2020-07-09|EPI_ISL_525963|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-14322/2020|2020-11-30|EPI_ISL_711693|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7588/2020|2020-10-12|EPI_ISL_618487|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/GE-SNRCI-2895/2020|2020-03-00|EPI_ISL_548161|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/QEUA-BCC120/2020|2020-11-27|EPI_ISL_704197|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17769/2020|2020-08-19|EPI_ISL_779436|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/CAMC-A64AB7/2020|2020-10-11|EPI_ISL_608924|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-359/2020|2020-11-04|EPI_ISL_722715|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-97063D/2020|2020-08-18|EPI_ISL_553202|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C5801C/2020|2020-12-14|EPI_ISL_736010|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7562/2020|2020-11-00|EPI_ISL_740723|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/Romania/284489/2020|2020-05-14|EPI_ISL_455470|Original|hCoV-19^^Bucuresti|Human|Laboratory for Respiratory Viruses|Cantacuzino Institute|Lazar|Romania

>Spike|hCoV-19/England/QEUA-AF49DD/2020|2020-10-30|EPI_ISL_662930|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C56AB/2020|2020-03-27|EPI_ISL_432804|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-AA130E/2020|2020-10-22|EPI_ISL_624167|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1670/2020|2020-09-17|EPI_ISL_605544|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-8675/2020|2020-09-00|EPI_ISL_686271|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-02421/2020|2020-04-21|EPI_ISL_470547|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9EA11F/2020|2020-09-24|EPI_ISL_580263|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1AC22/2020|2020-11-01|EPI_ISL_646002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14637/2020|2020-08-01|EPI_ISL_592927|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-3113/2020|2020-05-26|EPI_ISL_544001|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC6178/2020|2020-07-22|EPI_ISL_518183|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-4129/2020|2020-07-02|EPI_ISL_648837|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Canada/MB-NML-1090/2020|2020-08-05|EPI_ISL_582439|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Austria/CeMM0428/2020|2020-03-21|EPI_ISL_475856|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/AZ-TG618044/2020|2020-07-20|EPI_ISL_695686|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-15325/2020|2020-11-25|EPI_ISL_739020|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/EDB1898/2020|2020-04-17|EPI_ISL_491612|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AA00028/2020|2020-10-13|EPI_ISL_710421|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Australia/VIC5679/2020|2020-07-09|EPI_ISL_518486|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200495/2020|2020-10-09|EPI_ISL_753034|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Israel/CVL-45176/2020|2020-12-02|EPI_ISL_745038|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Japan/PG-2273/2020|2020-04-00|EPI_ISL_685878|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-2227/2020|2020-10-02|EPI_ISL_677630|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-UW-23600/2020|2020-08-11|EPI_ISL_576483|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC14939/2020|2020-09-01|EPI_ISL_593071|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3467/2020|2020-07-00|EPI_ISL_691577|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Slovakia/UKBA-317/2020|2020-09-16|EPI_ISL_583485|Original|hCoV-19^^Surany|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

>Spike|hCoV-19/England/MILK-95820A/2020|2020-06-13|EPI_ISL_554715|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA03A/2020|2020-11-17|EPI_ISL_681486|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACD7C4/2020|2020-10-21|EPI_ISL_630169|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovenia/5775/2020|2020-03-11|EPI_ISL_635224|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/Israel/CVL-245-ngs/2020|2020-12-27|EPI_ISL_776854|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/UT-UPHL-201123731/2020|2020-10-09|EPI_ISL_628950|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-B51533/2020|2020-11-08|EPI_ISL_657818|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9858/2020|2020-07-06|EPI_ISL_780308|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/APU-IZSPB_315PT/2020|2020-11-02|EPI_ISL_653809|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/LOND-D5B5E/2020|2020-04-18|EPI_ISL_444236|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/20109028804/2020|2020-03-06|EPI_ISL_464549|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC10747/2020|2020-07-31|EPI_ISL_563067|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p1322/2020|2020-03-22|EPI_ISL_775904|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Canada/MB-NML-1162/2020|2020-07-24|EPI_ISL_582484|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/Portugal/PT1651/2020|2020-11-07|EPI_ISL_731955|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/Sweden/20-08357/2020|2020-03-24|EPI_ISL_475101|Original|hCoV-19^^Vastmanland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/France/PAC-MEPHI-1907/2020|2020-08-27|EPI_ISL_644456|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/NY-NYCPHL-001021/2020|2020-09-18|EPI_ISL_633039|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Germany/NW-HHU-517/2020|2020-06-23|EPI_ISL_779937|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/WA-UW269/2020|2020-03-16|EPI_ISL_418054|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/ALDP-B6301F/2020|2020-11-08|EPI_ISL_710873|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0048/2020|2020-09-04|EPI_ISL_747289|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/SHEF-C7E92/2020|2020-04-26|EPI_ISL_475404|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20109054806/2020|2020-03-07|EPI_ISL_417280|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S2568/2020|2020-06-18|EPI_ISL_497200|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-B2DD56/2020|2020-11-03|EPI_ISL_646902|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8110/2020|2020-10-26|EPI_ISL_617205|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-121123/2020|2020-12-15|EPI_ISL_741626|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B89A9/2020|2020-09-07|EPI_ISL_549681|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012043379/2020|2020-08-03|EPI_ISL_745637|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-82E2A/2020|2020-04-14|EPI_ISL_443625|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB6334/2020|2020-06-04|EPI_ISL_473941|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-03879/2020|2020-04-13|EPI_ISL_450564|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B81AD1/2020|2020-11-14|EPI_ISL_667824|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7AF8C/2020|2020-04-09|EPI_ISL_433901|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9216/2020|2020-07-02|EPI_ISL_781003|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-47DA39/2020|2020-10-06|EPI_ISL_586227|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7993/2020|2020-08-00|EPI_ISL_687094|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-10036873336/2020|2020-11-10|EPI_ISL_728482|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-8715/2020|2020-10-26|EPI_ISL_625687|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10918/2020|2020-11-24|EPI_ISL_678459|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/UT-UPHL-2012364630/2020|2020-08-11|EPI_ISL_745938|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-B1FE72/2020|2020-11-02|EPI_ISL_647551|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01777/2020|2020-07-00|EPI_ISL_636929|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Chile/RM-207231/2020|2020-10-14|EPI_ISL_746767|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Wales/QEUH-AA0509/2020|2020-10-19|EPI_ISL_625382|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-16FFD4/2020|2020-03-23|EPI_ISL_459547|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2203/2020|2020-06-17|EPI_ISL_666825|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WI-GMF-M00002/2020|2020-05-10|EPI_ISL_455574|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-2940/2020|2020-08-24|EPI_ISL_616701|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Kenya/C6882/2020|2020-05-15|EPI_ISL_568815|Original|hCoV-19^^Taita Taveta|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Wales/CAMC-A588CB/2020|2020-10-09|EPI_ISL_609176|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3442/2020|2020-08-31|EPI_ISL_616204|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9EC0B6/2020|2020-09-24|EPI_ISL_580367|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C2439/2020|2020-04-24|EPI_ISL_457877|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Australia/VIC9946/2020|2020-07-23|EPI_ISL_565795|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-13380B/2020|2020-07-30|EPI_ISL_524489|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-71/2020|2020-08-25|EPI_ISL_577887|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-AC9A92/2020|2020-10-21|EPI_ISL_630263|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0081/2020|2020-03-02|EPI_ISL_479832|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-2115/2020|2020-05-00|EPI_ISL_685720|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-A35DF2/2020|2020-10-05|EPI_ISL_706895|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH2-159/2020|2020-02-28|EPI_ISL_454927|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/QEUA-A0B45A/2020|2020-10-01|EPI_ISL_599208|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53793/2020|2020-12-14|EPI_ISL_766640|Original|hCoV-19^^Gavleborg|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/BRIS-1853319/2020|2020-04-03|EPI_ISL_492343|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-C319F0/2020|2020-12-11|EPI_ISL_757121|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B989BC/2020|2020-11-15|EPI_ISL_673725|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1432/2020|2020-03-27|EPI_ISL_514651|Original|hCoV-19^^Minnesota|Human|Allina Health Laboratory|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/BRIS-1236C8/2020|2020-04-07|EPI_ISL_442777|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2303/2020|2020-11-25|EPI_ISL_728069|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-A5720A/2020|2020-10-09|EPI_ISL_597461|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SC-766/2020|2020-03-10|EPI_ISL_427305|Original|hCoV-19^^Santa Catarina|Human|LACEN-SC - Laboratorio Central de Santa Catarina|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRs)|Silva|Brazil

>Spike|hCoV-19/England/MILK-B8DE51/2020|2020-11-13|EPI_ISL_674664|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1995/2020|2020-09-30|EPI_ISL_644900|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-16F87F/2020|2020-10-10|EPI_ISL_586029|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-1250FB4/2020|2020-11-08|EPI_ISL_665826|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00486/2020|2020-03-27|EPI_ISL_460204|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-9C4BFF/2020|2020-09-11|EPI_ISL_567825|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21779/2020|2020-12-21|EPI_ISL_757779|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B52E0A/2020|2020-11-09|EPI_ISL_657613|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-1716DA/2020|2020-03-27|EPI_ISL_489678|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD1F98/2020|2020-10-26|EPI_ISL_634699|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K000654/2020|2020-07-13|EPI_ISL_509297|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-SIALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-8128/2020|2020-08-00|EPI_ISL_687227|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20758/2020|2020-12-21|EPI_ISL_758915|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-L1-CAMPI13/2020|2020-04-07|EPI_ISL_476155|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Sabino|Brazil

>Spike|hCoV-19/England/NORW-222464/2020|2020-12-19|EPI_ISL_741495|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13431/2020|2020-11-30|EPI_ISL_712794|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC520/2020|2020-03-30|EPI_ISL_444637|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/VA-CDC-2-3714355/2020|2020-11-18|EPI_ISL_751564|Original|hCoV-19^^Virginia|Human|VA-Division of Consolidated Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Chile/RM-133318/2020|2020-07-25|EPI_ISL_746634|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Pública de Chile|Tognarelli|Chile

>Spike|hCoV-19/Scotland/CVR2596/2020|2020-04-16|EPI_ISL_453062|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Norway/3114/2020|2020-08-06|EPI_ISL_549137|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-A51060/2020|2020-10-07|EPI_ISL_597833|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1680/2020|2020-08-11|EPI_ISL_594369|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-0767/2020|2020-03-00|EPI_ISL_684377|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-292705-01/2020|2020-12-04|EPI_ISL_767712|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/VIC3863/2020|2020-07-13|EPI_ISL_520576|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW197/2020|2020-03-23|EPI_ISL_427746|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMB-1B3D9B/2020|2020-05-28|EPI_ISL_492205|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160629/2020|2020-04-19|EPI_ISL_472955|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-E62/2020|2020-06-02|EPI_ISL_593536|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CAMC-A413A6/2020|2020-10-05|EPI_ISL_609466|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-990400/2020|2020-08-26|EPI_ISL_540052|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1277/2020|2020-03-00|EPI_ISL_684886|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-486AD3/2020|2020-10-31|EPI_ISL_639108|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1752469/2020|2020-11-09|EPI_ISL_739988|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-2130/2020|2020-04-00|EPI_ISL_685735|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/reg-10061011/2020|2020-10-06|EPI_ISL_735051|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Spain/AN-IBV-001961/2020|2020-03-14|EPI_ISL_452420|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-21846/2020|2020-12-21|EPI_ISL_758401|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-00296/2020|2020-04-01|EPI_ISL_460342|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Gibraltar/204421245/2020|2020-10-27|EPI_ISL_613704|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/GA-CDC-7596/2020|2020-10-25|EPI_ISL_681799|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Switzerland/BS-42216821/2020|2020-04-03|EPI_ISL_581676|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/India/MH-NIV-701-3/2020|2020-04-06|EPI_ISL_454560|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-B733E6/2020|2020-11-12|EPI_ISL_662296|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A682BB/2020|2020-10-12|EPI_ISL_608888|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1833/2020|2020-03-14|EPI_ISL_604151|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18603/2020|2020-11-20|EPI_ISL_784951|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9ECDBF/2020|2020-05-05|EPI_ISL_589351|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC793C/2020|2020-11-22|EPI_ISL_721409|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-DB1ED/2020|2020-11-11|EPI_ISL_724744|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-1124/2020|2020-04-00|EPI_ISL_684734|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Suriname/SR-50/2020|2020-07-16|EPI_ISL_518799|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/Morocco/FMP-39/2020|2020-00-00|EPI_ISL_768838|Original|hCoV-19^^Morocco|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Oudghiri|Morocco

>Spike|hCoV-19/Wales/PHWC-2AFF4/2020|2020-04-08|EPI_ISL_432042|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC7514/2020|2020-00-00|EPI_ISL_564461|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2111/2020|2020-07-20|EPI_ISL_618373|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-496214/2020|2020-11-22|EPI_ISL_726548|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/AI-I-004/2020|2020-01-25|EPI_ISL_407084|Vero E6 / TMPRSS2|hCoV-19^^Aichi|Human|Department of Virology III|Pathogen Genomics Center|Nao|Japan

>Spike|hCoV-19/England/ALDP-A84B18/2020|2020-10-17|EPI_ISL_610351|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-731BA/2020|2020-03-22|EPI_ISL_440265|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-S1029/2020|2020-05-01|EPI_ISL_463519|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-4A36FA/2020|2020-12-15|EPI_ISL_744128|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020305755/2020|2020-08-21|EPI_ISL_542050|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/MILK-B565F2/2020|2020-11-05|EPI_ISL_657606|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3CD4/2020|2020-10-21|EPI_ISL_624278|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-MGZ-03/2020|2020-04-19|EPI_ISL_490207|Original|hCoV-19^^Bavaria|Human|M\u00f0fcnchen Klinik Schwabing|MGZ Medical Genetics Center|Wolf|Germany

>Spike|hCoV-19/Australia/VIC7616/2020|2020-07-21|EPI_ISL_564532|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-2685/2020|2020-07-09|EPI_ISL_635630|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Brazil/SP-L7-CD79/2020|2020-03-23|EPI_ISL_476445|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/CAMC-C40E77/2020|2020-12-10|EPI_ISL_719016|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2796/2020|2020-04-20|EPI_ISL_453077|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14040/2020|2020-11-30|EPI_ISL_711531|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-4730/2020|2020-10-28|EPI_ISL_730112|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUH-5DAF1C/2020|2020-06-17|EPI_ISL_533327|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/FL-RIVM-20074/2020|2020-11-08|EPI_ISL_723253|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-ALSR-2073/2020|2020-05-22|EPI_ISL_635335|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/GCVR-17219C/2020|2020-03-30|EPI_ISL_470000|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0229/2020|2020-03-18|EPI_ISL_438062|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Australia/NSW784/2020|2020-07-30|EPI_ISL_526126|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC2427/2020|2020-06-27|EPI_ISL_522137|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B08331/2020|2020-10-29|EPI_ISL_643854|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B46E36/2020|2020-11-07|EPI_ISL_656302|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65A10/2020|2020-10-11|EPI_ISL_637761|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/NY-PV09304/2020|2020-03-21|EPI_ISL_422558|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Australia/VIC12349/2020|2020-07-26|EPI_ISL_591966|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC983/2020|2020-03-30|EPI_ISL_430545|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B739A8/2020|2020-11-12|EPI_ISL_664460|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16119/2020|2020-10-29|EPI_ISL_785803|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2012322580/2020|2020-06-19|EPI_ISL_746399|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Peru/LOR-INS-081/2020|2020-04-22|EPI_ISL_514341|Original|hCoV-19^^Loreto|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto

Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru
>Spike|hCoV-19/France/HDF-1465/2020|2020-02-21|EPI_ISL_418218|Original|hCoV-19^^Hauts-de-France|Human|Centre Hospitalier Compi\u00e8gne Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France
>Spike|hCoV-19/Canada/ON-PHL-20-03638/2020|2020-11-00|EPI_ISL_775142|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada
>Spike|hCoV-19/England/205041770/2020|2020-00-00|EPI_ISL_710530|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Norway/4695/2020|2020-10-14|EPI_ISL_635068|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway
>Spike|hCoV-19/England/QEUA-A2161C/2020|2020-10-01|EPI_ISL_587665|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20099000504/2020|2020-02-27|EPI_ISL_464200|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Japan/PG-3530/2020|2020-06-00|EPI_ISL_691786|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/MI-UM-10036783209/2020|2020-11-04|EPI_ISL_710035|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/Denmark/DCGC-12647/2020|2020-11-16|EPI_ISL_682828|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-ACCB6F/2020|2020-10-22|EPI_ISL_629195|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/SP-L13-CD103/2020|2020-03-19|EPI_ISL_476222|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil
>Spike|hCoV-19/USA/FL-BPHL-1324/2020|2020-07-14|EPI_ISL_541262|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/USA/ME-HETL-J0103/2020|2020-08-25|EPI_ISL_755307|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/Netherlands/ZH-EMC-1222/2020|2020-12-16|EPI_ISL_763291|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Benin/1409/2020|2020-04-06|EPI_ISL_476828|Original|hCoV-19^^Cotonou|Human|Laboratoire des Fi\u00e9vres H\u00e9morragiques Virales du Benin|Charit\u00e9-Universit\u00e4tsmedizin Berlin|Moreira-Soto|Benin
>Spike|hCoV-19/Denmark/DCGC-11486/2020|2020-11-02|EPI_ISL_670950|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/UT-04136/2020|2020-05-13|EPI_ISL_493035|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
>Spike|hCoV-19/USA/WY-WPHL-20158678/2020|2020-12-04|EPI_ISL_756257|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spike|hCoV-19/England/ALDP-94E498/2020|2020-06-17|EPI_ISL_555062|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/PA-MGEL-00156/2020|2020-04-07|EPI_ISL_681947|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16197/2020|2020-10-26|EPI_ISL_785881|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A679D5/2020|2020-10-12|EPI_ISL_630542|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0999/2020|2020-07-03|EPI_ISL_613967|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-C2C916/2020|2020-12-08|EPI_ISL_733698|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B67D50/2020|2020-11-11|EPI_ISL_655130|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Romania/Bucuresti-13907/2020|2020-04-15|EPI_ISL_468151|Original|hCoV-19^^Bucuresti|Human|[Romania|[Romania|Paraschiv|Romania

>Spike|hCoV-19/Taiwan/TSGH-05/2020|2020-03-14|EPI_ISL_427392|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/USA/MD-MDH-0054/2020|2020-05-26|EPI_ISL_509458|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-3197/2020|2020-08-31|EPI_ISL_616020|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BFBAB4/2020|2020-12-04|EPI_ISL_709238|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10448/2020|2020-08-29|EPI_ISL_562710|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB5710/2020|2020-04-12|EPI_ISL_473838|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15219/2020|2020-11-23|EPI_ISL_713702|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1384/2020|2020-11-13|EPI_ISL_700443|Original|hCoV-19^^Western Cape|Human|Crags Clinic wc CRG|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/VA-DCLS-0893/2020|2020-05-12|EPI_ISL_516679|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/PORT-2D3374/2020|2020-04-11|EPI_ISL_517525|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/SAP244/2020|2020-03-24|EPI_ISL_468002|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Netherlands/NH-RIVM-10061/2020|2020-04-01|EPI_ISL_547494|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/BIRM-5F9E9/2020|2020-05-14|EPI_ISL_473361|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-5613/2020|2020-07-00|EPI_ISL_688738|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-4216/2020|2020-09-14|EPI_ISL_622109|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1631/2020|2020-03-17|EPI_ISL_775676|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/NORW-E8AF1/2020|2020-04-13|EPI_ISL_448278|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Romania/ROSV_11161/2020|2020-05-29|EPI_ISL_491037|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Scotland/QEUH-9D0B1E/2020|2020-09-16|EPI_ISL_601829|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A7C6/2020|2020-10-15|EPI_ISL_606362|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A927D7/2020|2020-10-19|EPI_ISL_611032|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-A2FAD6/2020|2020-10-03|EPI_ISL_587151|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB181/2020|2020-03-24|EPI_ISL_425927|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E04B/2020|2020-09-29|EPI_ISL_585658|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-A97918/2020|2020-12-09|EPI_ISL_723935|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-77E19/2020|2020-04-04|EPI_ISL_438253|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-DB4E5F/2020|2020-10-23|EPI_ISL_650924|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-BA9F4D/2020|2020-11-17|EPI_ISL_783225|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F3677/2020|2020-10-29|EPI_ISL_637550|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/France/ARA-120096/2020|2020-12-14|EPI_ISL_745318|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-950EC2/2020|2020-06-14|EPI_ISL_554130|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139045504/2020|2020-03-29|EPI_ISL_420685|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-992F85/2020|2020-08-26|EPI_ISL_552070|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13ED6B/2020|2020-12-14|EPI_ISL_763527|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20638/2020|2020-12-21|EPI_ISL_759267|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B21A97/2020|2020-11-01|EPI_ISL_647323|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/NIH_3744/2020|2020-03-00|EPI_ISL_515291|Vero P1|hCoV-19^^Thailand|Human|National Institute of Health. Department of medical Sciences|National Institute of Health. Department of medical Sciences|Phuygun|Thailand

>Spike|hCoV-19/USA/FL-BPHL-1930/2020|2020-07-30|EPI_ISL_613786|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NORW-EE387/2020|2020-04-24|EPI_ISL_490533|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/LA-QDX-1242/2020|2020-03-16|EPI_ISL_571950|Original|hCoV-19^^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-AF51D4/2020|2020-10-30|EPI_ISL_663148|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-924/2020|2020-03-30|EPI_ISL_614527|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B7B17B/2020|2020-11-12|EPI_ISL_723988|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10790/2020|2020-11-02|EPI_ISL_670209|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD_0027/2020|2020-03-04|EPI_ISL_426425|Original|hCoV-19^^Maryland|Human|MD DOH Laboratories Administration|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20711/2020|2020-04-28|EPI_ISL_471735|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WA-UW-12324/2020|2020-06-27|EPI_ISL_570503|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A05A6D/2020|2020-09-29|EPI_ISL_599828|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LCST-24D6DC6/2020|2020-06-11|EPI_ISL_484236|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LOND-124DF41/2020|2020-00-00|EPI_ISL_584659|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/MILK-B944FB/2020|2020-11-13|EPI_ISL_676014|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204881308/2020|2020-11-00|EPI_ISL_678821|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13206/2020|2020-11-30|EPI_ISL_712650|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACC26A/2020|2020-10-21|EPI_ISL_629326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22225/2020|2020-12-14|EPI_ISL_758625|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-1681/2020|2020-04-01|EPI_ISL_494739|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LOND-D3E48/2020|2020-04-04|EPI_ISL_441040|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1135/2020|2020-07-10|EPI_ISL_509148|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/IC-0218/2020|2020-07-00|EPI_ISL_667647|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16814/2020|2020-12-14|EPI_ISL_750302|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-4699/2020|2020-06-22|EPI_ISL_544267|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-NCCS-NR2108/2020|2020-05-21|EPI_ISL_496535|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Spain/CT-IBV-005479/2020|2020-05-12|EPI_ISL_510522|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUEH-9651D0/2020|2020-08-12|EPI_ISL_531101|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16BB6B/2020|2020-09-09|EPI_ISL_573947|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20139009704/2020|2020-03-27|EPI_ISL_421870|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000421/2020|2020-03-31|EPI_ISL_631904|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/France/OCC-97/2020|2020-10-06|EPI_ISL_671944|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/England/ALDP-952A53/2020|2020-06-13|EPI_ISL_554076|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0746/2020|2020-05-14|EPI_ISL_584147|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-3430/2020|2020-06-14|EPI_ISL_544187|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A05BD3/2020|2020-09-30|EPI_ISL_600039|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5854/2020|2020-08-00|EPI_ISL_688971|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A865BE/2020|2020-10-16|EPI_ISL_606179|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02251/2020|2020-09-00|EPI_ISL_671516|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-A795AF/2020|2020-10-14|EPI_ISL_606893|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BF0C8C/2020|2020-12-05|EPI_ISL_709290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6724/2020|2020-07-26|EPI_ISL_561508|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BAB53A/2020|2020-11-18|EPI_ISL_681358|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L14-CD231/2020|2020-03-26|EPI_ISL_476237|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/Canada/ON-PHL-20-03685/2020|2020-11-00|EPI_ISL_775168|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/UT-QDX-2224/2020|2020-03-13|EPI_ISL_604590|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WY-WPHL-20157841/2020|2020-12-03|EPI_ISL_756242|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/ALDP-B5BF68/2020|2020-11-10|EPI_ISL_655872|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-2717/2020|2020-03-13|EPI_ISL_605029|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-A81AB4/2020|2020-10-13|EPI_ISL_610790|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9843/2020|2020-11-09|EPI_ISL_669220|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-C7B23B/2020|2020-12-15|EPI_ISL_756747|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11018/2020|2020-00-00|EPI_ISL_563201|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BE-ETHZ-420683/2020|2020-12-23|EPI_ISL_768016|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-18181/2020|2020-11-11|EPI_ISL_784529|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-160C18/2020|2020-05-14|EPI_ISL_473029|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CDE8D/2020|2020-04-23|EPI_ISL_453756|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C1CF/2020|2020-04-04|EPI_ISL_474288|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9A85C6/2020|2020-09-02|EPI_ISL_550189|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA514C/2020|2020-10-22|EPI_ISL_630759|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5DBF9/2020|2020-11-10|EPI_ISL_723572|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust

/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/ALDP-921E7F/2020|2020-06-23|EPI_ISL_553339|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/ZH-ETHZ-220047/2020|2020-07-30|EPI_ISL_512025|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Japan/PG-7191/2020|2020-07-00|EPI_ISL_688295|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/MI-MDHHS-SC21117/2020|2020-03-26|EPI_ISL_507893|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/ALDP-9B5C58/2020|2020-08-28|EPI_ISL_590214|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-2594/2020|2020-08-17|EPI_ISL_617830|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/LOND-1251AEF/2020|2020-11-24|EPI_ISL_705947|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19/England/LIVE-DC486D/2020|2020-11-10|EPI_ISL_703150|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-118181-01/2020|2020-05-27|EPI_ISL_676956|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Luxembourg/LNS3879580/2020|2020-03-14|EPI_ISL_419585|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/WI-UW-1163/2020|2020-08-05|EPI_ISL_522919|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMC-B35641/2020|2020-11-05|EPI_ISL_659540|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-17095/2020|2020-12-14|EPI_ISL_750754|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-3910/2020|2020-06-16|EPI_ISL_543275|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-98A67C/2020|2020-08-04|EPI_ISL_529484|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/ALDP-BC85BF/2020|2020-11-23|EPI_ISL_721423|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/StPetersburg-RII10066V/2020|2020-04-29|EPI_ISL_507224|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/England/QEUA-A5E090/2020|2020-10-12|EPI_ISL_597355|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9EAD0C/2020|2020-09-24|EPI_ISL_580005|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-124/2020|2020-04-07|EPI_ISL_427431|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-496AB2/2020|2020-11-23|EPI_ISL_726682|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22003/2020|2020-08-05|EPI_ISL_571012|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-21989/2020|2020-12-14|EPI_ISL_758496|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1377/2020|2020-11-13|EPI_ISL_700505|Original|hCoV-19^^Western Cape|Human|Khayeletu Clinic w KLC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Spain/PV-IBV-001539/2020|2020-03-16|EPI_ISL_467174|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-2718/2020|2020-08-17|EPI_ISL_616463|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0673/2020|2020-03-24|EPI_ISL_509731|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Spain/IB-IBV-99011546/2020|2020-12-13|EPI_ISL_779890|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/CVR1857/2020|2020-04-08|EPI_ISL_512452|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Sweden/20-08114/2020|2020-03-08|EPI_ISL_454485|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-52AB46/2020|2020-06-01|EPI_ISL_558933|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1267/2020|2020-08-24|EPI_ISL_536639|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-16DD27/2020|2020-09-21|EPI_ISL_577525|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9B3B4E/2020|2020-09-04|EPI_ISL_573534|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-BB15F5/2020|2020-11-17|EPI_ISL_720055|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0952/2020|2020-04-13|EPI_ISL_511502|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-C14E7C/2020|2020-12-06|EPI_ISL_709454|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AAEBA/2020|2020-08-31|EPI_ISL_551047|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2DF05/2020|2020-11-04|EPI_ISL_659860|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB3915/2020|2020-11-20|EPI_ISL_701899|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8689/2020|2020-08-00|EPI_ISL_686285|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MGH-00432/2020|2020-03-07|EPI_ISL_460442|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/MILK-B0552F/2020|2020-10-24|EPI_ISL_638554|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9E70E8/2020|2020-09-24|EPI_ISL_580297|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-881/2020|2020-07-13|EPI_ISL_509883|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-BFCE02/2020|2020-12-03|EPI_ISL_720902|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/N00119/2020|2020-06-23|EPI_ISL_622984|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/ALDP-AC5E03/2020|2020-10-14|EPI_ISL_630999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-954D85/2020|2020-06-12|EPI_ISL_553413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F7B8A/2020|2020-09-27|EPI_ISL_589209|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1585/2020|2020-05-26|EPI_ISL_496011|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Norway/5713/2020|2020-11-11|EPI_ISL_708150|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/QEUEH-A36A09/2020|2020-10-05|EPI_ISL_637437|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485A01/2020|2020-10-26|EPI_ISL_628240|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/201280165/2020|2020-03-20|EPI_ISL_465800|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100826/2020|2020-03-26|EPI_ISL_451775|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-1857/2020|2020-05-00|EPI_ISL_685463|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-AEA33/2020|2020-00-00|EPI_ISL_448749|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3841144/2020|2020-10-24|EPI_ISL_740381|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B8442B/2020|2020-11-14|EPI_ISL_674474|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1814/2020|2020-03-27|EPI_ISL_456262|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Iceland/519/2020|2020-03-00|EPI_ISL_424540|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUEH-9DD30A/2020|2020-09-21|EPI_ISL_581098|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NC-CDC-2-3693770/2020|2020-11-02|EPI_ISL_747120|Original|hCoV-19^^North Carolina|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-4167/2020|2020-09-14|EPI_ISL_621987|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-CB361D/2020|2020-12-20|EPI_ISL_761147|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-73IRL70372/2020|2020-09-14|EPI_ISL_639854|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/EXET-1387EB/2020|2020-10-17|EPI_ISL_627190|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-BC18F9/2020|2020-11-21|EPI_ISL_704535|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-B14217/2020|2020-11-03|EPI_ISL_641752|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50562/2020|2020-04-01|EPI_ISL_475148|Original|hCoV-19^^Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMB-81D6A/2020|2020-04-13|EPI_ISL_442567|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Gambia/0268/2020|2020-03-21|EPI_ISL_471159|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Denmark/DCGC-14476/2020|2020-11-30|EPI_ISL_711789|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-F9969/2020|2020-12-03|EPI_ISL_725413|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-BC836A/2020|2020-11-23|EPI_ISL_721402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E1D6/2020|2020-11-13|EPI_ISL_680821|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Beijing/BJ710/2020|2020-02-07|EPI_ISL_430740|Original|hCoV-19^^Beijing|Human|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China

>Spike|hCoV-19/Denmark/DCGC-3388/2020|2020-08-31|EPI_ISL_616147|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0871/2020|2020-06-16|EPI_ISL_610007|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-B8E096/2020|2020-11-13|EPI_ISL_674729|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94CCED/2020|2020-06-15|EPI_ISL_556055|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012066229/2020|2020-07-26|EPI_ISL_745694|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-UW27/2020|2020-03-04|EPI_ISL_414596|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/NY-Wadsworth-240550-01/2020|2020-10-08|EPI_ISL_734306|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MA-MGH-03357/2020|2020-11-06|EPI_ISL_765801|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-9BDD4E/2020|2020-09-09|EPI_ISL_567968|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1609/2020|2020-07-28|EPI_ISL_594299|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-6790/2020|2020-06-25|EPI_ISL_546244|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT0897/2020|2020-03-26|EPI_ISL_511154|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-A0077A/2020|2020-10-02|EPI_ISL_600216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1192/2020|2020-12-11|EPI_ISL_768461|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-CZB-11967/2020|2020-07-11|EPI_ISL_625624|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/United Arab Emirates/0158/2020|2020-05-18|EPI_ISL_698345|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/QEUA-7AC3BB/2020|2020-07-20|EPI_ISL_532874|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C7F932/2020|2020-12-16|EPI_ISL_762940|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15220/2020|2020-10-20|EPI_ISL_786704|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-A9EA3C/2020|2020-10-20|EPI_ISL_625321|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B6990F/2020|2020-11-11|EPI_ISL_661370|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-969C80/2020|2020-08-11|EPI_ISL_530863|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BA99A9/2020|2020-11-17|EPI_ISL_681534|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-004-2/2020|2020-05-21|EPI_ISL_482701|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/NY-Wadsworth-42494-01/2020|2020-04-09|EPI_ISL_676831|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-9A8A12/2020|2020-09-01|EPI_ISL_549439|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0342/2020|2020-06-29|EPI_ISL_576531|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Wales/PHWC-1681A8/2020|2020-05-20|EPI_ISL_494208|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC9716/2020|2020-08-24|EPI_ISL_565670|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B68C34/2020|2020-11-11|EPI_ISL_655111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-152/2020|2020-06-02|EPI_ISL_699808|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/201080055/2020|2020-03-05|EPI_ISL_464446|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL918/2020|2020-07-09|EPI_ISL_653609|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/France/PAC-MEPHI-2410/2020|2020-10-13|EPI_ISL_644559|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-ACC394/2020|2020-10-21|EPI_ISL_629109|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1009/2020|2020-03-22|EPI_ISL_530269|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/NY-NYUMC41/2020|2020-03-18|EPI_ISL_419702|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Norway/3832/2020|2020-09-25|EPI_ISL_590979|original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Denmark/DCGC-1002/2020|2020-05-11|EPI_ISL_614807|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A3F95/2020|2020-12-13|EPI_ISL_764649|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B481C2/2020|2020-11-07|EPI_ISL_649333|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1930/2020|2020-06-03|EPI_ISL_497358|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/AK-PHL489/2020|2020-06-13|EPI_ISL_512142|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/England/ALDP-49828B/2020|2020-05-25|EPI_ISL_559390|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1239/2020|2020-12-11|EPI_ISL_740870|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUEH-9F8BF2/2020|2020-09-27|EPI_ISL_588817|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV08473/2020|2020-03-18|EPI_ISL_421416|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/CAMB-80994/2020|2020-04-10|EPI_ISL_442873|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13799/2020|2020-08-17|EPI_ISL_788892|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B74EE4/2020|2020-11-12|EPI_ISL_679005|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DE442/2020|2020-09-21|EPI_ISL_599655|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD392F/2020|2020-10-26|EPI_ISL_633861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21201/2020|2020-12-21|EPI_ISL_759610|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/LEN-R11-34268M/2020|2020-09-00|EPI_ISL_596233|Original|hCoV-19^^Leningrad|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/PHWC-2C9E5/2020|2020-03-31|EPI_ISL_445932|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4639/2020|2020-07-12|EPI_ISL_519030|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-95E1AD/2020|2020-08-10|EPI_ISL_534420|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A1D789/2020|2020-10-03|EPI_ISL_595083|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NOTT-120397/2020|2020-12-07|EPI_ISL_725608|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC5886/2020|2020-07-21|EPI_ISL_518669|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-12506FB/2020|2020-10-21|EPI_ISL_665227|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4607/2020|2020-09-21|EPI_ISL_621276|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11076/2020|2020-07-31|EPI_ISL_563235|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-0867/2020|2020-00-00|EPI_ISL_684477|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-GMF-31369/2020|2020-11-04|EPI_ISL_661085|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/NORW-ECCAC/2020|2020-06-02|EPI_ISL_472341|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42199841/2020|2020-03-20|EPI_ISL_528254|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Switzerland/VS-ETHZ-321417/2020|2020-10-14|EPI_ISL_603656|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-C539DA/2020|2020-12-12|EPI_ISL_769827|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005881/2020|2020-03-10|EPI_ISL_537423|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/CVR1370/2020|2020-03-31|EPI_ISL_433558|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Oman/RESP-20-B-15879/2020|2020-05-22|EPI_ISL_518835|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/USA/TX-HMH-MCoV-10692/2020|2020-07-09|EPI_ISL_789592|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B2E863/2020|2020-11-03|EPI_ISL_660039|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17762/2020|2020-12-14|EPI_ISL_749552|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACDB8C/2020|2020-10-21|EPI_ISL_630188|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C95ED/2020|2020-09-10|EPI_ISL_567377|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2BE9C/2020|2020-04-10|EPI_ISL_445861|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2F6D1/2020|2020-11-04|EPI_ISL_659926|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96CD8A/2020|2020-08-21|EPI_ISL_534573|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3D5A6/2020|2020-11-02|EPI_ISL_706229|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3950198/2020|2020-11-09|EPI_ISL_740394|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/CVR3074/2020|2020-04-24|EPI_ISL_461658|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LIVE-AA7D6/2020|2020-03-24|EPI_ISL_517504|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Brazil/SP-L32-CD828/2020|2020-04-09|EPI_ISL_722042|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Scotland/EDB2281/2020|2020-04-21|EPI_ISL_491513|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002841/2020|2020-09-01|EPI_ISL_602657|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-B68162/2020|2020-11-11|EPI_ISL_662168|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_21346429/2020|2020-03-00|EPI_ISL_462807|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-8876/2020|2020-11-02|EPI_ISL_626139|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-52184/2020|2020-06-28|EPI_ISL_582837|Original|hCoV-19^^Västernorrland|Human|Klinisk mikrobiologi Västernorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Japan/PG-3258/2020|2020-06-00|EPI_ISL_691373|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B1CE57/2020|2020-11-01|EPI_ISL_645756|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19223/2020|2020-11-28|EPI_ISL_783701|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18496/2020|2020-12-07|EPI_ISL_749335|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B062AF/2020|2020-10-24|EPI_ISL_642927|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8241/2020|2020-08-00|EPI_ISL_687340|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/DRC/11005/2020|2020-05-24|EPI_ISL_527550|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/WA-S1742/2020|2020-06-02|EPI_ISL_496168|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/France/PAC-MEPHI-1730/2020|2020-09-16|EPI_ISL_644435|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMC-A648AE/2020|2020-10-11|EPI_ISL_608446|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12991/2020|2020-12-07|EPI_ISL_712513|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/IB-IBV-99010834/2020|2020-08-16|EPI_ISL_691649|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Germany/BE-ChVir-D2012-8249/2020|2020-10-15|EPI_ISL_753900|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/BRIS-1853F42/2020|2020-04-27|EPI_ISL_492299|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5EA0/2020|2020-04-19|EPI_ISL_444255|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3F647/2020|2020-11-08|EPI_ISL_658617|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15839/2020|2020-07-10|EPI_ISL_785523|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7477B/2020|2020-03-29|EPI_ISL_425333|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC633/2020|2020-04-02|EPI_ISL_444750|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-4A5643/2020|2020-12-15|EPI_ISL_764897|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC131/2020|2020-04-01|EPI_ISL_424938|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Australia/NSW287/2020|2020-04-03|EPI_ISL_451551|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/MILK-9F02D7/2020|2020-09-24|EPI_ISL_580656|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1716/2020|2020-08-25|EPI_ISL_560803|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12154/2020|2020-09-20|EPI_ISL_790227|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18462/2020|2020-12-07|EPI_ISL_749982|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG445157/2020|2020-06-26|EPI_ISL_695000|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Austria/CeMM0153/2020|2020-03-03|EPI_ISL_437999|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-6608/2020|2020-10-12|EPI_ISL_619656|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC7079/2020|2020-08-01|EPI_ISL_564218|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-9668/2020|2020-11-09|EPI_ISL_669098|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20126006006/2020|2020-03-19|EPI_ISL_423879|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-8427/2020|2020-03-06|EPI_ISL_594456|original|hCoV-19^^Georgia|Human|Georgia Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Brazil/RJ-00313/2020|2020-04-07|EPI_ISL_623116|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Wales/PHWC-49679D/2020|2020-11-20|EPI_ISL_726634|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18232/2020|2020-12-14|EPI_ISL_749388|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-12861/2020|2020-08-18|EPI_ISL_788014|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-2977/2020|2020-09-09|EPI_ISL_667442|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-CZB-14949/2020|2020-09-10|EPI_ISL_739546|Original|hCoV-19^^California|Human|Monterey County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMC-A5946C/2020|2020-10-09|EPI_ISL_596955|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2657/2020|2020-06-21|EPI_ISL_497289|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/DRC/158/2020|2020-03-20|EPI_ISL_417950|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/Hong Kong/VM20021516/2020|2020-06-05|EPI_ISL_482783|Original|hCoV-19^^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/MILK-9D47CB/2020|2020-09-17|EPI_ISL_601536|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2473/2020|2020-00-00|EPI_ISL_579235|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Japan/PG-6492/2020|2020-09-00|EPI_ISL_689594|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Finland/11A36S7/2020|2020-04-11|EPI_ISL_481533|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-94DDCB/2020|2020-06-20|EPI_ISL_555579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1095/2020|2020-05-01|EPI_ISL_463585|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/LIVE-A8EE2/2020|2020-03-26|EPI_ISL_517230|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FAAA/2020|2020-12-09|EPI_ISL_743315|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-17950/2020|2020-11-16|EPI_ISL_786098|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18574/2020|2020-12-07|EPI_ISL_750054|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/NW-HHU-336/2020|2020-10-13|EPI_ISL_718036|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsselndorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/MN-MDH-2003/2020|2020-10-16|EPI_ISL_644934|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-19783/2020|2020-12-07|EPI_ISL_747601|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-483EBC/2020|2020-10-23|EPI_ISL_627054|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162B82/2020|2020-06-03|EPI_ISL_473171|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1935/2020|2020-04-04|EPI_ISL_579168|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Canada/ON-UHTC-0175/2020|2020-05-23|EPI_ISL_569973|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Denmark/DCGC-9785/2020|2020-11-09|EPI_ISL_669176|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-A8635A/2020|2020-10-17|EPI_ISL_625400|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204020549/2020|2020-09-22|EPI_ISL_574702|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAEB18/2020|2020-10-20|EPI_ISL_652985|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1AFA7D/2020|2020-05-01|EPI_ISL_459278|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC3C0A/2020|2020-11-25|EPI_ISL_704149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B7281/2020|2020-09-07|EPI_ISL_590649|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A955F8/2020|2020-10-20|EPI_ISL_624853|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000108/2020|2020-03-27|EPI_ISL_631600|Original|hCoV-19^^New York|Human|James J. Peters VA Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/EXET-1352FC/2020|2020-04-05|EPI_ISL_457047|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008750/2020|2020-10-19|EPI_ISL_654272|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MA-MGH-00199/2020|2020-03-27|EPI_ISL_460468|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Scotland/EDB5382/2020|2020-03-31|EPI_ISL_461734|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020617119/2020|2020-12-12|EPI_ISL_751844|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/20192007504/2020|2020-05-04|EPI_ISL_526544|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/England/BRIS-18530D6/2020|2020-04-02|EPI_ISL_492231|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-9F9CD0/2020|2020-09-27|EPI_ISL_589038|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20545/2020|2020-04-06|EPI_ISL_460593|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-250086/2020|2020-08-19|EPI_ISL_535605|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LOND-1250172/2020|2020-10-13|EPI_ISL_664507|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481D66/2020|2020-10-02|EPI_ISL_613168|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1690/2020|2020-03-17|EPI_ISL_603973|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MI-QDX-624/2020|2020-03-18|EPI_ISL_571351|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/NB-RIVM-20666/2020|2020-12-15|EPI_ISL_790737|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/WI-UW-1584/2020|2020-09-17|EPI_ISL_605461|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-6125/2020|2020-08-00|EPI_ISL_689237|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA4CF1/2020|2020-10-21|EPI_ISL_630747|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12E1EA/2020|2020-04-08|EPI_ISL_482020|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0464/2020|2020-03-24|EPI_ISL_495370|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUI-B66A69/2020|2020-11-11|EPI_ISL_654983|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1598/2020|2020-04-00|EPI_ISL_685204|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B9F9F/2020|2020-11-06|EPI_ISL_650992|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BIRM-67623/2020|2020-10-27|EPI_ISL_651621|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMB-7FDF6/2020|2020-04-19|EPI_ISL_444418|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160CBE/2020|2020-04-21|EPI_ISL_473037|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4595/2020|2020-08-00|EPI_ISL_689732|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-2C244/2020|2020-04-04|EPI_ISL_474296|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1162404/2020|2020-11-20|EPI_ISL_739901|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Belgium/ULG-10473/2020|2020-09-22|EPI_ISL_581642|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-26BF4/2020|2020-03-28|EPI_ISL_422267|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-230055/2020|2020-08-05|EPI_ISL_516592|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-10760/2020|2020-11-02|EPI_ISL_669535|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9ED237/2020|2020-05-08|EPI_ISL_589365|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1798/2020|2020-04-14|EPI_ISL_590800|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20890/2020|2020-05-21|EPI_ISL_476027|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC5338/2020|2020-07-18|EPI_ISL_520101|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Latvia/212/2020|2020-09-16|EPI_ISL_770035|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/QEUA-5F5625/2020|2020-06-24|EPI_ISL_533240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4643/2020|2020-09-27|EPI_ISL_612289|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292230-01/2020|2020-12-01|EPI_ISL_767660|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Norway/2797/2020|2020-06-26|EPI_ISL_493363|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Czech Republic/NRL_1885/2020|2020-03-10|EPI_ISL_471530|Original|hCoV-19^^Melnik|Human|The National Institute of Public Health|State Veterinary Institute Prague and The National Institute of Public Health|Nagy|Czech Republic

>Spike|hCoV-19/England/QEUA-B683F3/2020|2020-11-11|EPI_ISL_661444|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A662DB/2020|2020-10-11|EPI_ISL_637408|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2416/2020|2020-11-23|EPI_ISL_723482|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Sweden/20-52565/2020|2020-08-11|EPI_ISL_534252|Original|hCoV-19^^Vasternorrland|Human|Laboratoriemedicin Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-9771/2020|2020-11-09|EPI_ISL_669163|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C5D554/2020|2020-12-14|EPI_ISL_735861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1544/2020|2020-03-18|EPI_ISL_603792|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-9943A5/2020|2020-08-26|EPI_ISL_551620|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB343/2020|2020-03-30|EPI_ISL_433199|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/EDB5678/2020|2020-05-27|EPI_ISL_473833|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-BD1ED6/2020|2020-11-28|EPI_ISL_702341|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-223127/2020|2020-09-23|EPI_ISL_577647|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Denmark/DCGC-21126/2020|2020-12-21|EPI_ISL_759567|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BY-MVP-0072/2020|2020-03-28|EPI_ISL_437268|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/OXON-B345B/2020|2020-05-25|EPI_ISL_534858|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1038-SAN/2020|2020-06-21|EPI_ISL_483477|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-A41E3C/2020|2020-10-05|EPI_ISL_609501|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5491473/2020|2020-10-26|EPI_ISL_744241|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B46768/2020|2020-11-07|EPI_ISL_656336|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL115/2020|2020-03-25|EPI_ISL_427621|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/MILK-9706C4/2020|2020-08-17|EPI_ISL_553194|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-14857/2020|2020-08-11|EPI_ISL_547691|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/VIC3374/2020|2020-07-07|EPI_ISL_521053|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-973245/2020|2020-08-20|EPI_ISL_575819|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20002861/2020|2020-02-24|EPI_ISL_426398|Original|hCoV-19^^Hong Kong|Human|Ruttonjee Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Wales/PHWC-16F6EE/2020|2020-10-05|EPI_ISL_586008|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0223/2020|2020-08-30|EPI_ISL_548117|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/NORT-28ADF6/2020|2020-04-16|EPI_ISL_492968|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1317/2020|2020-04-11|EPI_ISL_430691|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/LOND-D61D3/2020|2020-04-20|EPI_ISL_482173|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-796/2020|2020-07-01|EPI_ISL_735433|Original|hCoV-19^^S\u00e3o Paulo|Human|Posto de Atendimento Saude Cidade Pasc Cajati|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/MILK-BB1F33/2020|2020-11-18|EPI_ISL_720324|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2072/2020|2020-11-02|EPI_ISL_683701|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-7AC85/2020|2020-04-08|EPI_ISL_433860|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-100809/2020|2020-03-26|EPI_ISL_451759|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-1765/2020|2020-03-13|EPI_ISL_476782|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMB-72546/2020|2020-03-23|EPI_ISL_439541|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-B6828D/2020|2020-11-11|EPI_ISL_661457|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B2379E/2020|2020-11-04|EPI_ISL_646863|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7CCA1/2020|2020-04-06|EPI_ISL_441548|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-802/2020|2020-04-20|EPI_ISL_614731|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AF1536/2020|2020-10-29|EPI_ISL_666013|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A7940C/2020|2020-10-14|EPI_ISL_638997|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/ON-S1309/2020|2020-05-26|EPI_ISL_586346|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Australia/VIC9677/2020|2020-08-19|EPI_ISL_565649|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BBA40E/2020|2020-11-21|EPI_ISL_701808|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22320/2020|2020-12-14|EPI_ISL_757844|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/CE-NVRL-AIIDV1105v7/2020|2020-05-02|EPI_ISL_644338|Original|hCoV-19^^Clare|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/SAP062/2020|2020-03-28|EPI_ISL_451101|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Scotland/QEUH-A1F70F/2020|2020-10-01|EPI_ISL_599089|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1284/2020|2020-03-16|EPI_ISL_775780|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-B08DAC/2020|2020-10-29|EPI_ISL_673212|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15755/2020|2020-00-00|EPI_ISL_593442|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-5CD34D/2020|2020-06-19|EPI_ISL_558610|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC_396/2020|2020-10-08|EPI_ISL_603239|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Scotland/EDB3313/2020|2020-04-08|EPI_ISL_488944|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9CEBC8/2020|2020-09-17|EPI_ISL_590017|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-328/2020|2020-10-12|EPI_ISL_718030|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/CA-CZB-15100/2020|2020-11-20|EPI_ISL_739413|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Australia/VIC2707/2020|2020-07-04|EPI_ISL_521545|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CT-Yale-110/2020|2020-04-09|EPI_ISL_428751|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/AZ-TG654368/2020|2020-04-13|EPI_ISL_696005|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-1871/2020|2020-04-28|EPI_ISL_486171|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/QEUA-BA0438/2020|2020-11-18|EPI_ISL_719669|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6A0A/2020|2020-12-17|EPI_ISL_765094|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-BB2336/2020|2020-11-18|EPI_ISL_720399|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20039/2020|2020-03-19|EPI_ISL_437126|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-C936C8/2020|2020-12-17|EPI_ISL_777089|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204990417/2020|2020-00-00|EPI_ISL_710517|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-AD3AD1/2020|2020-10-24|EPI_ISL_629867|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-288FB6/2020|2020-03-25|EPI_ISL_458629|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1718/2020|2020-08-29|EPI_ISL_560805|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-5BFE5C/2020|2020-06-18|EPI_ISL_558743|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C7210A/2020|2020-12-15|EPI_ISL_769214|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_49/2020|2020-03-11|EPI_ISL_415506|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-C26B52/2020|2020-12-07|EPI_ISL_782739|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C53E71/2020|2020-12-12|EPI_ISL_736423|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A93FA1/2020|2020-10-19|EPI_ISL_611097|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE2DC7/2020|2020-10-25|EPI_ISL_633604|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0182/2020|2020-05-18|EPI_ISL_698369|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-MCoV-12147/2020|2020-09-21|EPI_ISL_790221|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-4862/2020|2020-06-21|EPI_ISL_544384|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/DLDJ-030569/2020|2020-03-05|EPI_ISL_420325|Original|hCoV-19^^Poppel|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-13374/2020|2020-08-24|EPI_ISL_788517|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00239296/2020|2020-03-26|EPI_ISL_536243|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/CAMB-1AADE2/2020|2020-04-19|EPI_ISL_470294|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH197/2020|2020-04-06|EPI_ISL_678233|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/CA-SR0234/2020|2020-04-24|EPI_ISL_437570|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-3190/2020|2020-06-13|EPI_ISL_544064|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A6ADC7/2020|2020-10-08|EPI_ISL_608812|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B217CD/2020|2020-11-03|EPI_ISL_647386|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-J130/2020|2020-04-01|EPI_ISL_458071|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/PHWC-48049F/2020|2020-10-17|EPI_ISL_612890|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036429696/2020|2020-10-13|EPI_ISL_610096|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-A963B1/2020|2020-10-20|EPI_ISL_624609|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C12A0/2020|2020-05-07|EPI_ISL_492895|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-71IRL79659/2020|2020-07-23|EPI_ISL_512095|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/CVR3423/2020|2020-05-07|EPI_ISL_456844|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8135/2020|2020-10-26|EPI_ISL_617237|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC10633/2020|2020-08-31|EPI_ISL_563002|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Austria/CeMM0033/2020|2020-03-12|EPI_ISL_437922|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Australia/VIC14474/2020|2020-07-22|EPI_ISL_592510|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CT-Yale-302/2020|2020-03-28|EPI_ISL_476531|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/CA-CZB-10929/2020|2020-08-31|EPI_ISL_583158|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/UT-05811/2020|2020-05-11|EPI_ISL_483032|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Wales/PHWC-168D77/2020|2020-06-06|EPI_ISL_494362|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A7575/2020|2020-03-28|EPI_ISL_517038|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-A0B9D3/2020|2020-10-01|EPI_ISL_599167|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7CB04/2020|2020-10-15|EPI_ISL_607523|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50231/2020|2020-03-09|EPI_ISL_430863|Original|hCoV-19^^Orebro lan|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/BRIS-1223A4/2020|2020-04-03|EPI_ISL_440747|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-BB0936/2020|2020-11-17|EPI_ISL_720197|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487AE1/2020|2020-10-28|EPI_ISL_639272|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1014/2020|2020-06-03|EPI_ISL_526905|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-16333/2020|2020-11-16|EPI_ISL_714708|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-3312F/2020|2020-04-14|EPI_ISL_446741|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20181/2020|2020-03-25|EPI_ISL_436865|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wuhan/HB-WHCM-103/2020|2020-03-02|EPI_ISL_455400|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/MILK-9D496B/2020|2020-09-19|EPI_ISL_601525|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-469/2020|2020-03-22|EPI_ISL_571204|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-B071DE/2020|2020-10-30|EPI_ISL_643866|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-246/2020|2020-07-07|EPI_ISL_699899|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUA-961D2B/2020|2020-07-31|EPI_ISL_537059|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2761/2020|2020-08-24|EPI_ISL_616595|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2008939/2020|2020-05-28|EPI_ISL_525044|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/India/GJ-GBRC351a/2020|2020-06-18|EPI_ISL_514596|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Denmark/DCGC-13439/2020|2020-11-30|EPI_ISL_712801|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18563/2020|2020-12-07|EPI_ISL_750047|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-257/2020|2020-07-07|EPI_ISL_490168|Original|hCoV-19^^Khulna|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Japan/PG-1745/2020|2020-05-00|EPI_ISL_685351|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB4711/2020|2020-04-27|EPI_ISL_449327|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0568-SAN/2020|2020-05-13|EPI_ISL_483229|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-98FD54/2020|2020-08-26|EPI_ISL_540133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C836E9/2020|2020-12-17|EPI_ISL_762725|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20009042/2020|2020-04-04|EPI_ISL_444048|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Denmark/DCGC-18002/2020|2020-12-14|EPI_ISL_749275|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K003503/2020|2020-09-16|EPI_ISL_602827|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-MCoV-19018/2020|2020-11-24|EPI_ISL_785286|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hong Kong/CM20000417/2020|2020-12-06|EPI_ISL_733575|Original|hCoV-19^^Hong Kong|Human|Temporary Specimen Collection Centre|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/USA/PA-MGEL137/2020|2020-04-05|EPI_ISL_454401|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/USA/MI-QDX-2193/2020|2020-03-13|EPI_ISL_604535|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/PORT-2F6223/2020|2020-12-07|EPI_ISL_741752|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22356/2020|2020-12-14|EPI_ISL_757851|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17529/2020|2020-12-14|EPI_ISL_751046|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-13C037/2020|2020-00-00|EPI_ISL_679374|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/DE-CDC-2-3713961/2020|2020-10-20|EPI_ISL_751543|Original|hCoV-19^^Delaware|Human|DE Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/CA-ALSR-1660/2020|2020-03-20|EPI_ISL_494721|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B0C4B2/2020|2020-10-29|EPI_ISL_643434|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-997C89/2020|2020-08-28|EPI_ISL_559757|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-192890-01/2020|2020-07-04|EPI_ISL_677018|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Germany/TH-IIMK-CaSe-27/2020|2020-04-01|EPI_ISL_763092|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/Switzerland/SO-ETHZ-420313/2020|2020-12-20|EPI_ISL_768200|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/SHEF-C63C1/2020|2020-04-24|EPI_ISL_484463|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Shaoxing/05/2020|2020-01-31|EPI_ISL_463897|Original|hCoV-19^^Zhejiang|Human|Shaoxing Center for Disease Control and Prevention|Department of Pathology and Laboratory Medicine|Yang|China

>Spike|hCoV-19/Denmark/DCGC-20748/2020|2020-12-21|EPI_ISL_758861|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZE-EMC-53/2020|2020-06-01|EPI_ISL_523552|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20190042401/2020|2020-05-02|EPI_ISL_465585|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Israel/CVL-252-ngs/2020|2020-12-27|EPI_ISL_776824|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-9C39AB/2020|2020-09-10|EPI_ISL_566950|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AS-IBV-98006589/2020|2020-03-11|EPI_ISL_654637|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-8851/2020|2020-10-26|EPI_ISL_626115|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC7504/2020|2020-07-22|EPI_ISL_564453|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18687/2020|2020-11-20|EPI_ISL_785035|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19408/2020|2020-11-30|EPI_ISL_783822|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-94E708/2020|2020-06-24|EPI_ISL_555181|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5711/2020|2020-11-04|EPI_ISL_651928|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/QEUH-AD5BEB/2020|2020-10-26|EPI_ISL_647924|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW516/2020|2020-04-14|EPI_ISL_455056|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/201090535/2020|2020-03-07|EPI_ISL_464584|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-2876/2020|2020-04-00|EPI_ISL_691002|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-73D89/2020|2020-04-01|EPI_ISL_433694|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/GSTT-265D4FD/2020|2020-03-23|EPI_ISL_483970|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/201360275/2020|2020-03-25|EPI_ISL_423260|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15305/2020|2020-11-20|EPI_ISL_738906|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/CVR1718/2020|2020-04-06|EPI_ISL_448128|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-B3C7A1/2020|2020-11-02|EPI_ISL_706158|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18669/2020|2020-12-07|EPI_ISL_750114|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B62B5B/2020|2020-11-08|EPI_ISL_655333|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13836/2020|2020-08-15|EPI_ISL_739555|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Chile/RM-ISPCH-4/2020|2020-03-08|EPI_ISL_445247|Original|hCoV-19^^Region Metropolitana de Santiago|Human|UNIVERSIDAD DE LOS ANDES|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/QEUA-AAC86E/2020|2020-10-21|EPI_ISL_652878|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-S1223/2020|2020-05-08|EPI_ISL_495673|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/AN-IBV-001970/2020|2020-03-14|EPI_ISL_452412|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-2B676/2020|2020-04-13|EPI_ISL_445742|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4597/2020|2020-08-00|EPI_ISL_689734|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-p1970/2020|2020-03-25|EPI_ISL_776293|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-166562/2020|2020-06-12|EPI_ISL_494015|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B67C44/2020|2020-11-11|EPI_ISL_661593|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/SEARCH-5499/2020|2020-09-12|EPI_ISL_755266|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/CVR1501/2020|2020-04-03|EPI_ISL_448117|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D592/2020|2020-10-01|EPI_ISL_586162|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC14719/2020|2020-08-12|EPI_ISL_592968|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B3FD15/2020|2020-11-08|EPI_ISL_658566|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493183/2020|2020-11-28|EPI_ISL_725847|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0167/2020|2020-10-14|EPI_ISL_729874|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Wales/PHWC-271F1/2020|2020-03-31|EPI_ISL_432312|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5481/2020|2020-08-00|EPI_ISL_690584|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-DB3C83/2020|2020-10-20|EPI_ISL_650544|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-C79DD/2020|2020-09-27|EPI_ISL_585032|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-BABB56/2020|2020-11-18|EPI_ISL_720405|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B41211/2020|2020-11-08|EPI_ISL_658686|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-588/2020|2020-09-18|EPI_ISL_578016|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9C7181/2020|2020-09-08|EPI_ISL_573284|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Mexico/CMX-INMEGEN-18/2020|2020-08-06|EPI_ISL_522983|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Medicina Gen\u00f3mica|Instituto Nacional de Medicina Gen\u00f3mica|Hidalgo|Mexico

>Spike|hCoV-19/England/MILK-9E097B/2020|2020-09-20|EPI_ISL_601449|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3426/2020|2020-04-00|EPI_ISL_691538|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC11449/2020|2020-08-30|EPI_ISL_563375|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG382137/2020|2020-06-15|EPI_ISL_694675|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-A6B29A/2020|2020-10-08|EPI_ISL_608737|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0097/2020|2020-03-20|EPI_ISL_513506|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Brazil/SP-L35-CD902/2020|2020-04-25|EPI_ISL_722051|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Northern Ireland/QEUH-96FFBE/2020|2020-08-18|EPI_ISL_540302|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG486811/2020|2020-07-09|EPI_ISL_695091|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-1B59C2/2020|2020-07-31|EPI_ISL_514447|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99010768/2020|2020-06-28|EPI_ISL_691665|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/UT-01886/2020|2020-04-13|EPI_ISL_470706|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-B46DC0/2020|2020-11-07|EPI_ISL_656101|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-24149-01/2020|2020-03-19|EPI_ISL_525623|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/USA/WI-UW-883/2020|2020-07-15|EPI_ISL_509885|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Belgium/regal-12111386/2020|2020-12-11|EPI_ISL_738438|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-A94043/2020|2020-10-19|EPI_ISL_611153|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EBFF/2020|2020-10-02|EPI_ISL_585836|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-B34C4/2020|2020-05-26|EPI_ISL_534861|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A5B44/2020|2020-12-12|EPI_ISL_764955|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00266/2020|2020-04-01|EPI_ISL_460141|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/20129143204/2020|2020-03-11|EPI_ISL_424110|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG408134/2020|2020-06-14|EPI_ISL_694894|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Spain/AR-IBV-2388/2020|2020-03-26|EPI_ISL_468786|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-941B54/2020|2020-07-21|EPI_ISL_556857|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM24203810/2020|2020-11-04|EPI_ISL_753275|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Japan/IC-0151/2020|2020-08-00|EPI_ISL_667580|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC14546/2020|2020-08-07|EPI_ISL_592886|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA0ADD/2020|2020-10-22|EPI_ISL_625129|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-294904/2020|2020-03-27|EPI_ISL_490452|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-487A69/2020|2020-05-14|EPI_ISL_559686|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-961BE5/2020|2020-08-02|EPI_ISL_537066|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2949B9/2020|2020-03-27|EPI_ISL_488581|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292807-01/2020|2020-12-25|EPI_ISL_769967|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-ALSR-0550-SAN/2020|2020-05-05|EPI_ISL_483216|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-12C44D/2020|2020-05-12|EPI_ISL_469467|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1703/2020|2020-06-29|EPI_ISL_618170|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-499C04/2020|2020-11-30|EPI_ISL_727417|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3773/2020|2020-05-04|EPI_ISL_622630|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_551/2020|2020-03-31|EPI_ISL_460719|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-QDX-2667/2020|2020-03-15|EPI_ISL_604958|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18896/2020|2020-11-25|EPI_ISL_785204|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20695/2020|2020-12-21|EPI_ISL_759306|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47EE0F/2020|2020-10-07|EPI_ISL_595595|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200212/2020|2020-08-14|EPI_ISL_752771|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/MA-MASPHL-00485/2020|2020-05-01|EPI_ISL_693082|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/QEUEH-AF6012/2020|2020-10-30|EPI_ISL_653042|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-C26BF8/2020|2020-12-07|EPI_ISL_783019|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C4DAE/2020|2020-09-10|EPI_ISL_567732|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2D8EC/2020|2020-11-03|EPI_ISL_659866|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6A9C2/2020|2020-11-11|EPI_ISL_662590|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7A6E6/2020|2020-11-12|EPI_ISL_741135|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-AC8987/2020|2020-10-22|EPI_ISL_629742|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13902/2020|2020-11-30|EPI_ISL_713093|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6EE57/2020|2020-10-15|EPI_ISL_607019|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-962DFD/2020|2020-08-11|EPI_ISL_531685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3006/2020|2020-07-31|EPI_ISL_549069|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/France/PDL-SC655/2020|2020-04-23|EPI_ISL_649186|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUEH-AD3B47/2020|2020-10-26|EPI_ISL_634122|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB448/2020|2020-03-20|EPI_ISL_441424|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1584/2020|2020-09-01|EPI_ISL_569213|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Belgium/UGent-208/2020|2020-10-22|EPI_ISL_717587|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-10543/2020|2020-07-08|EPI_ISL_789529|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-95280E/2020|2020-06-11|EPI_ISL_554117|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BABCBD/2020|2020-11-18|EPI_ISL_783202|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2E127/2020|2020-04-11|EPI_ISL_446060|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1421/2020|2020-12-14|EPI_ISL_779087|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/PORT-2D5DFC/2020|2020-12-18|EPI_ISL_765145|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Russia/IVA-RII-MH3366S/2020|2020-10-07|EPI_ISL_733109|Original|hCoV-19^^Ivanovo|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/MILK-B88445/2020|2020-11-13|EPI_ISL_674282|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22542/2020|2020-12-14|EPI_ISL_757627|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG611130/2020|2020-08-13|EPI_ISL_695661|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-13123/2020|2020-11-30|EPI_ISL_712597|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B79201/2020|2020-11-12|EPI_ISL_667894|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-170003/2020|2020-06-26|EPI_ISL_486518|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/SZ-ETHZ-100096/2020|2020-03-12|EPI_ISL_451688|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Vietnam/VNHN_1492/2020|2020-03-21|EPI_ISL_455699|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/Kenya/C3739/2020|2020-05-04|EPI_ISL_568717|Original|hCoV-19^^Kwale|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Hungary/UD-90635/2020|2020-10-04|EPI_ISL_671477|Original|hCoV-19^^Szabolcs-Szatm\u00e9l\u00e9r-Bereg county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/QEUA-A0B029/2020|2020-10-01|EPI_ISL_599205|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B548CE/2020|2020-11-09|EPI_ISL_658076|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0199/2020|2020-05-27|EPI_ISL_515453|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/MILK-A6B458/2020|2020-10-09|EPI_ISL_608722|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3502/2020|2020-04-13|EPI_ISL_439275|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-B972FE/2020|2020-11-14|EPI_ISL_674835|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F588E/2020|2020-11-07|EPI_ISL_665372|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11300/2020|2020-11-02|EPI_ISL_670824|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9C4D08/2020|2020-09-10|EPI_ISL_567674|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6B11F6/2020|2020-07-01|EPI_ISL_557910|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0294/2020|2020-05-20|EPI_ISL_509094|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/LA-EVTL153/2020|2020-04-01|EPI_ISL_455996|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Hong Kong/VM20002961/2020|2020-02-26|EPI_ISL_426402|Original|hCoV-19^^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Australia/VIC9949/2020|2020-07-23|EPI_ISL_565798|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-569677/2020|2020-06-10|EPI_ISL_558279|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204221297/2020|2020-10-12|EPI_ISL_603206|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DDDC/2020|2020-09-27|EPI_ISL_577536|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/IL-NM072/2020|2020-03-18|EPI_ISL_444567|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Denmark/DCGC-11607/2020|2020-11-02|EPI_ISL_671021|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1AB61/2020|2020-11-01|EPI_ISL_647752|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1652/2020|2020-08-18|EPI_ISL_539846|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Scotland/EDB5415/2020|2020-04-06|EPI_ISL_487717|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0564/2020|2020-05-14|EPI_ISL_574466|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-5041/2020|2020-09-14|EPI_ISL_621775|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-AF63CE/2020|2020-10-29|EPI_ISL_653057|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-BB0268/2020|2020-11-18|EPI_ISL_720046|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16984/2020|2020-12-14|EPI_ISL_750688|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201131519/2020|2020-10-06|EPI_ISL_634926|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Germany/BY-MVP-0045/2020|2020-03-08|EPI_ISL_437244|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/MILK-A45BE6/2020|2020-10-06|EPI_ISL_598652|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-ADA16/2020|2020-00-00|EPI_ISL_448609|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9C7CAE/2020|2020-09-15|EPI_ISL_576032|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCCE74/2020|2020-11-26|EPI_ISL_704290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C6C02/2020|2020-04-11|EPI_ISL_441998|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/South Africa/R12662-20/2020|2020-06-16|EPI_ISL_504215|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-21763/2020|2020-12-21|EPI_ISL_757774|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-3236/2020|2020-07-28|EPI_ISL_635927|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-6196/2020|2020-07-04|EPI_ISL_547305|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/132nan/2020|2020-03-21|EPI_ISL_648069|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/South Korea/KDCA0145/2020|2020-10-20|EPI_ISL_747380|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMC-B37120/2020|2020-11-05|EPI_ISL_645306|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2659/2020|2020-06-21|EPI_ISL_497291|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-488822/2020|2020-11-01|EPI_ISL_639434|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290495-01/2020|2020-12-23|EPI_ISL_767530|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-18324/2020|2020-12-07|EPI_ISL_749390|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8312/2020|2020-10-26|EPI_ISL_617294|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9F7926/2020|2020-09-27|EPI_ISL_595712|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03817/2020|2020-11-00|EPI_ISL_775028|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUEH-95FE5A/2020|2020-08-03|EPI_ISL_531916|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG328534/2020|2020-05-26|EPI_ISL_694344|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-BCA8B4/2020|2020-11-23|EPI_ISL_703814|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS-CPH-isl-475/2020|2020-04-29|EPI_ISL_605883|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/England/MILK-9C1F7E/2020|2020-09-10|EPI_ISL_566509|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C49CA1/2020|2020-12-11|EPI_ISL_718798|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-285E61/2020|2020-06-06|EPI_ISL_493465|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/204881318/2020|2020-11-00|EPI_ISL_678827|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CA5FB/2020|2020-09-10|EPI_ISL_567350|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499A73/2020|2020-12-05|EPI_ISL_727395|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Kenya/C7409/2020|2020-05-17|EPI_ISL_568839|Original|hCoV-19^^Taita Taveta|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Scotland/CVR702/2020|2020-03-25|EPI_ISL_433327|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20487/2020|2020-03-31|EPI_ISL_460026|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC8795/2020|2020-07-31|EPI_ISL_565201|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2136/2020|2020-04-10|EPI_ISL_490668|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-BDC55E/2020|2020-11-27|EPI_ISL_709588|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/370/2020|2020-04-06|EPI_ISL_482675|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/USA/FL-BPHL-0399/2020|2020-03-17|EPI_ISL_489808|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-21607/2020|2020-12-21|EPI_ISL_758260|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-94C773/2020|2020-06-15|EPI_ISL_555860|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0960/2020|2020-06-28|EPI_ISL_699096|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Germany/HH-hpi-p1881/2020|2020-03-24|EPI_ISL_776225|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WI-GMF-18658/2020|2020-09-03|EPI_ISL_547772|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-9E6C30/2020|2020-09-24|EPI_ISL_580513|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-97009527/2020|2020-11-14|EPI_ISL_671804|Original|hCoV-19^^Aragon|Human|Hospital Cl\u00ednico Universitario Lozano Blesa de Zaragoza (Espa\u00f1a)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B47020/2020|2020-11-07|EPI_ISL_656135|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/un-EMC-799/2020|2020-11-02|EPI_ISL_722680|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Norway/3841/2020|2020-09-28|EPI_ISL_591008|original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Switzerland/BL-42216293/2020|2020-04-01|EPI_ISL_581813|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CO-CDPHE-2010120393/2020|2020-10-09|EPI_ISL_710351|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Peru/CAL-INS-163/2020|2020-03-21|EPI_ISL_536556|Original|hCoV-19^^Callao|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/Netherlands/Utrecht_31/2020|2020-04-23|EPI_ISL_461229|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/PAC-IHU-0194/2020|2020-03-27|EPI_ISL_569361|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMC-9ECB1F/2020|2020-09-23|EPI_ISL_594640|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Finland/9CB12/2020|2020-12-03|EPI_ISL_732622|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/LA-GBCL-26791746/2020|2020-04-06|EPI_ISL_485362|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Japan/PG-8561/2020|2020-08-00|EPI_ISL_686157|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB3021/2020|2020-04-03|EPI_ISL_456909|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1790/2020|2020-09-14|EPI_ISL_605662|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NORW-E9137/2020|2020-04-28|EPI_ISL_461823|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BD3F/2020|2020-10-27|EPI_ISL_666350|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ABB574/2020|2020-10-22|EPI_ISL_631040|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC2D3/2020|2020-10-21|EPI_ISL_629193|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B96E64/2020|2020-11-14|EPI_ISL_675011|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9B9C36/2020|2020-09-05|EPI_ISL_549743|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493666/2020|2020-11-29|EPI_ISL_725920|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20100/2020|2020-12-07|EPI_ISL_747619|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-240003/2020|2020-08-07|EPI_ISL_523858|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/TG-CDFD-N5334/2020|2020-05-31|EPI_ISL_528625|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/LOND-D5B30/2020|2020-04-17|EPI_ISL_457302|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10938/2020|2020-07-09|EPI_ISL_789203|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16DCA2/2020|2020-09-27|EPI_ISL_577517|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1209/2020|2020-05-19|EPI_ISL_477298|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-16CB97/2020|2020-09-21|EPI_ISL_574142|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3BEE8/2020|2020-12-10|EPI_ISL_767286|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7917/2020|2020-09-24|EPI_ISL_585450|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11493/2020|2020-11-02|EPI_ISL_670956|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BB009B/2020|2020-11-18|EPI_ISL_720562|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2943/2020|2020-06-09|EPI_ISL_543879|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A68743/2020|2020-10-12|EPI_ISL_630402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8407/2020|2020-06-22|EPI_ISL_784377|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gambia/NPHL-038/2020|2020-00-00|EPI_ISL_561205|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Scotland/QEUA-9F42C4/2020|2020-09-27|EPI_ISL_600789|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0405/2020|2020-06-23|EPI_ISL_495530|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-6366/2020|2020-08-00|EPI_ISL_689477|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-52673/2020|2020-08-17|EPI_ISL_582805|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/CVR5076/2020|2020-10-11|EPI_ISL_594809|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-1386/2020|2020-04-03|EPI_ISL_444852|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/20139047704/2020|2020-03-29|EPI_ISL_420696|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A476F/2020|2020-12-16|EPI_ISL_764728|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDD50/2020|2020-05-05|EPI_ISL_584517|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/ALDP-9E624D/2020|2020-09-24|EPI_ISL_580506|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8475/2020|2020-07-01|EPI_ISL_780583|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Austria/CeMM0146/2020|2020-02-28|EPI_ISL_437994|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUA-AD0B95/2020|2020-10-26|EPI_ISL_633900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1749/2020|2020-11-10|EPI_ISL_731986|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-A7AABE/2020|2020-10-15|EPI_ISL_606529|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C585A4/2020|2020-12-14|EPI_ISL_735997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BD1832/2020|2020-11-27|EPI_ISL_702157|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1026/2020|2020-03-27|EPI_ISL_644180|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-1329/2020|2020-06-01|EPI_ISL_618002|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV1488v1/2020|2020-12-16|EPI_ISL_791296|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Japan/PG-7845/2020|2020-08-00|EPI_ISL_686946|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-333/2020|2020-03-24|EPI_ISL_436627|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-MH10280S/2020|2020-11-06|EPI_ISL_733485|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-5AA80B/2020|2020-06-15|EPI_ISL_558847|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22E6D/2020|2020-11-01|EPI_ISL_647330|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4521/2020|2020-09-21|EPI_ISL_621317|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-QDX-2356/2020|2020-03-14|EPI_ISL_604725|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/CAMC-A81E5E/2020|2020-10-14|EPI_ISL_625306|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B10943/2020|2020-11-02|EPI_ISL_642698|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8AAD9/2020|2020-10-16|EPI_ISL_638872|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR5725/2020|2020-11-08|EPI_ISL_651936|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/WB-S83/2020|2020-05-26|EPI_ISL_511899|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/USA/WI-UW-2662/2020|2020-12-29|EPI_ISL_791176|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Netherlands/LI-RIVM-10335/2020|2020-03-31|EPI_ISL_636542|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUEH-9DC602/2020|2020-09-21|EPI_ISL_581002|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-030/2020|2020-04-18|EPI_ISL_480234|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Scotland/QEUEH-96D642/2020|2020-08-20|EPI_ISL_534541|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-QDX-1764/2020|2020-03-19|EPI_ISL_604093|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-9E526/2020|2020-04-04|EPI_ISL_453306|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-50FCEA/2020|2020-06-11|EPI_ISL_558914|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1261/2020|2020-05-05|EPI_ISL_494462|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-84C5B/2020|2020-03-11|EPI_ISL_440542|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-A202BF/2020|2020-10-01|EPI_ISL_587649|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2203/2020|2020-05-23|EPI_ISL_545180|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/GES-9388/2020|2020-10-05|EPI_ISL_614282|Original|hCoV-19^^Grand-Est|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/CAMC-A412C7/2020|2020-10-07|EPI_ISL_609519|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5420/2020|2020-06-26|EPI_ISL_544764|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Turkey/IST-GLAB-127/2020|2020-04-30|EPI_ISL_735273|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/QEUA-AD493D/2020|2020-10-24|EPI_ISL_634045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205260447/2020|2020-12-19|EPI_ISL_754315|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B09CF9/2020|2020-10-30|EPI_ISL_673144|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4050385/2020|2020-10-30|EPI_ISL_740410|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-99E305/2020|2020-08-31|EPI_ISL_550564|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1131/2020|2020-04-10|EPI_ISL_511678|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/CVR5465/2020|2020-10-28|EPI_ISL_650864|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6234/2020|2020-07-02|EPI_ISL_547331|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-290328-01/2020|2020-12-21|EPI_ISL_765527|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah57/2020|2020-03-26|EPI_ISL_437495|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-9CBF1A/2020|2020-09-16|EPI_ISL_575453|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204421183/2020|2020-10-27|EPI_ISL_613644|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/MILK-A19583/2020|2020-10-03|EPI_ISL_612518|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-283A7E/2020|2020-04-01|EPI_ISL_488522|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B633DA/2020|2020-11-09|EPI_ISL_656549|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/DR-EMC-7/2020|2020-05-29|EPI_ISL_523125|Original|hCoV-19^^Drenthe|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Singapore/809/2020|2020-07-08|EPI_ISL_516809|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-51BD60/2020|2020-06-02|EPI_ISL_558996|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3F2C/2020|2020-12-13|EPI_ISL_764644|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/CAMC-9457F2/2020|2020-07-16|EPI_ISL_556746|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-536/2020|2020-03-29|EPI_ISL_447481|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/ALDP-59F06B/2020|2020-06-13|EPI_ISL_558699|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2584/2020|2020-06-06|EPI_ISL_545407|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-20-00233/2020|2020-03-00|EPI_ISL_548768|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMB-738D3/2020|2020-03-31|EPI_ISL_425252|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-7696/2020|2020-08-00|EPI_ISL_686798|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-7882/2020|2020-04-21|EPI_ISL_501153|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-1882/2020|2020-07-13|EPI_ISL_622573|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6992/2020|2020-10-12|EPI_ISL_619838|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1758/2020|2020-03-09|EPI_ISL_620127|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-54CC78/2020|2020-05-12|EPI_ISL_533389|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12FEC4/2020|2020-04-10|EPI_ISL_492640|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3285/2020|2020-06-11|EPI_ISL_544103|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-50089/2020|2020-03-03|EPI_ISL_454872|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-CZB-14243/2020|2020-08-27|EPI_ISL_739427|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/205041751/2020|2020-00-00|EPI_ISL_710523|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC13777/2020|2020-03-24|EPI_ISL_563832|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-1250E3F/2020|2020-11-14|EPI_ISL_665820|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A89F/2020|2020-04-08|EPI_ISL_445630|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A9B45F/2020|2020-10-20|EPI_ISL_625339|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0411447/2020|2020-04-11|EPI_ISL_476957|Original|hCoV-19^^Haasrode|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Gibraltar/204841732/2020|2020-00-00|EPI_ISL_671299|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-9519FD/2020|2020-06-10|EPI_ISL_555418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201640168/2020|2020-04-14|EPI_ISL_466449|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9C25E4/2020|2020-09-10|EPI_ISL_566523|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-53CFAF/2020|2020-05-18|EPI_ISL_532266|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9551F1/2020|2020-06-12|EPI_ISL_553605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7726435/2020|2020-12-02|EPI_ISL_771013|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Switzerland/BS-UHB-42177236/2020|2020-03-05|EPI_ISL_527930|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/CAMB-7D7AF/2020|2020-04-06|EPI_ISL_441772|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/AK-PHL403/2020|2020-06-01|EPI_ISL_522397|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/Japan/PG-4578/2020|2020-07-00|EPI_ISL_689715|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-AF5462/2020|2020-10-30|EPI_ISL_663164|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S906/2020|2020-04-12|EPI_ISL_586479|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CAMC-B33072/2020|2020-11-05|EPI_ISL_659321|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAC60A/2020|2020-10-21|EPI_ISL_652859|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Colombia/QUI-INS-79911/2020|2020-03-15|EPI_ISL_456127|Original|hCoV-19^^Quindio|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/England/QEUEH-B40537/2020|2020-11-08|EPI_ISL_657243|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH9083S/2020|2020-10-01|EPI_ISL_733407|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/PHWC-25B13/2020|2020-03-25|EPI_ISL_422240|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA39CE/2020|2020-10-22|EPI_ISL_624338|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0F70/2020|2020-11-18|EPI_ISL_720243|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00361/2020|2020-05-20|EPI_ISL_693172|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Chile/MA-UMAG-Catg-2/2020|2020-08-10|EPI_ISL_625681|Original|hCoV-19^^Magallanes|Human|Laboratory of Molecular Medicine|Centro Asistencial Docente y de Investigación|Navarrete|Chile

>Spike|hCoV-19/Brazil/SP-486/2020|2020-04-27|EPI_ISL_574583|Original|hCoV-19^^São Paulo|Human|Secretaria Municipal de Saude de Jandira|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/WA-UW-22521/2020|2020-08-04|EPI_ISL_570592|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/ON-S857/2020|2020-04-00|EPI_ISL_591171|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Singapore/1445/2020|2020-12-05|EPI_ISL_728181|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Finland/10A10S14/2020|2020-04-10|EPI_ISL_481514|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Netherlands/NA_18/2020|2020-03-09|EPI_ISL_415474|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B62A8B/2020|2020-11-09|EPI_ISL_656601|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1593/2020|2020-09-04|EPI_ISL_755934|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC20020/2020|2020-03-13|EPI_ISL_437107|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-4443/2020|2020-09-21|EPI_ISL_621864|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16808/2020|2020-12-14|EPI_ISL_750576|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-9930/2020|2020-07-06|EPI_ISL_780142|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A51B41/2020|2020-10-07|EPI_ISL_598014|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4A279E/2020|2020-05-22|EPI_ISL_559388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-433/2020|2020-11-09|EPI_ISL_722751|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-201127728/2020|2020-04-06|EPI_ISL_648572|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Finland/2A92SVIIC/2020|2020-04-02|EPI_ISL_481649|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/EDB10261/2020|2020-11-23|EPI_ISL_705737|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH2868S/2020|2020-09-24|EPI_ISL_733044|Original|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/NORT-295639/2020|2020-03-31|EPI_ISL_488537|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-73E1D/2020|2020-03-18|EPI_ISL_440330|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-8692/2020|2020-08-00|EPI_ISL_686288|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3852/2020|2020-07-11|EPI_ISL_520565|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-NIV-212999/2020|2020-09-15|EPI_ISL_577675|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/WY-WPHL-20171712/2020|2020-12-29|EPI_ISL_770451|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/TX-DSHS-1365/2020|2020-05-06|EPI_ISL_654750|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Mali/M002672/2020|2020-04-10|EPI_ISL_487454|Original|hCoV-19^^Bamako|Human|CICM-Mali|Bundeswehr Institut of Microbiology|Antwerpen|Mali

>Spike|hCoV-19/Scotland/QEUH-9AD118/2020|2020-09-05|EPI_ISL_560020|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-AD15D2/2020|2020-10-25|EPI_ISL_633997|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4699/2020|2020-10-16|EPI_ISL_635180|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/TX-DSHS-0363/2020|2020-06-13|EPI_ISL_538300|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-9994AD/2020|2020-08-24|EPI_ISL_559763|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-8369A/2020|2020-04-14|EPI_ISL_443636|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-6240S/2020|2020-07-15|EPI_ISL_569807|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/NOTT-115F37/2020|2020-10-18|EPI_ISL_595295|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-B6700C/2020|2020-11-11|EPI_ISL_661525|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CB6B4/2020|2020-05-05|EPI_ISL_475440|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4879/2020|2020-09-21|EPI_ISL_621565|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AE279C/2020|2020-10-26|EPI_ISL_633578|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A149/2020|2020-11-15|EPI_ISL_673538|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02899/2020|2020-04-30|EPI_ISL_509532|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/ALDP-B1A41B/2020|2020-11-01|EPI_ISL_645841|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/HKU-200723-052/2020|2020-03-27|EPI_ISL_497819|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/England/CAMC-A58BFF/2020|2020-10-08|EPI_ISL_597099|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68707/2020|2020-10-12|EPI_ISL_630495|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC78E5/2020|2020-10-21|EPI_ISL_634484|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5058/2020|2020-10-10|EPI_ISL_594791|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2951/2020|2020-08-24|EPI_ISL_616712|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18884/2020|2020-12-07|EPI_ISL_748616|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AAADDA/2020|2020-10-21|EPI_ISL_652743|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/NSW312/2020|2020-03-27|EPI_ISL_451576|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WI-WSLH-200044/2020|2020-04-14|EPI_ISL_471209|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUA-AAF0DC/2020|2020-10-20|EPI_ISL_630775|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA5AA/2020|2020-09-24|EPI_ISL_580094|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12837/2020|2020-07-27|EPI_ISL_592089|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BE-ETHZ-220026/2020|2020-07-28|EPI_ISL_512009|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9FDA69/2020|2020-10-01|EPI_ISL_587730|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13111/2020|2020-11-30|EPI_ISL_712589|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/LK-UHL120/2020|2020-04-06|EPI_ISL_681722|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-18204/2020|2020-11-14|EPI_ISL_784552|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0828/2020|2020-03-00|EPI_ISL_684438|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC6371/2020|2020-07-21|EPI_ISL_521165|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Brazil/SP-165/2020|2020-03-24|EPI_ISL_523963|Original|hCoV-19^^S\u00e3o Paulo|Human|UBS Vila Silvia|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Wuhan/HB-WH4-214/2020|2020-03-20|EPI_ISL_454963|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Australia/VIC16480/2020|2020-08-06|EPI_ISL_640806|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A87D4C/2020|2020-10-17|EPI_ISL_606051|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01989/2020|2020-04-15|EPI_ISL_452174|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-8AD331/2020|2020-07-24|EPI_ISL_532721|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B32F58/2020|2020-11-05|EPI_ISL_659363|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1730/2020|2020-03-15|EPI_ISL_776110|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-16C65A/2020|2020-09-21|EPI_ISL_574079|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-A4955D/2020|2020-10-08|EPI_ISL_627297|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10756/2020|2020-11-02|EPI_ISL_670187|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-5403/2020|2020-03-25|EPI_ISL_570068|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NP3/2020|2020-00-00|EPI_ISL_479779|unknown|hCoV-19^^England|Human|Breuer Lab|Breuer Lab|Pang|United Kingdom

>Spike|hCoV-19/Japan/IC-0610/2021|2021-01-00|EPI_ISL_779696|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-9F47D4/2020|2020-09-27|EPI_ISL_588301|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-0088/2020|2020-04-07|EPI_ISL_447028|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/TX-HMH-MCoV-16217/2020|2020-10-30|EPI_ISL_785901|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6F454/2020|2020-10-14|EPI_ISL_607907|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204742182/2020|2020-00-00|EPI_ISL_649898|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7F400/2020|2020-04-08|EPI_ISL_443039|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0552/2020|2020-03-14|EPI_ISL_485853|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-C3AFD7/2020|2020-12-09|EPI_ISL_731649|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-036/2020|2020-03-26|EPI_ISL_482318|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/USA/CA-QDX-98/2020|2020-03-13|EPI_ISL_468569|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310473/2020|2020-10-07|EPI_ISL_603544|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-5631/2020|2020-08-00|EPI_ISL_688756|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Chile/RM-170979/2020|2020-09-06|EPI_ISL_746723|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/CAMC-A59420/2020|2020-10-08|EPI_ISL_596998|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-78E36/2020|2020-04-02|EPI_ISL_441288|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDM0161v1/2020|2020-09-21|EPI_ISL_768766|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-A7A535/2020|2020-10-15|EPI_ISL_606906|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200471/2020|2020-05-19|EPI_ISL_578612|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMC-9C0425/2020|2020-09-09|EPI_ISL_573185|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB226/2020|2020-03-26|EPI_ISL_425949|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Belgium/VSP-0328388/2020|2020-03-28|EPI_ISL_462242|Original|hCoV-19^^Overpelt|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Belgium/ULG-10453/2020|2020-08-26|EPI_ISL_581627|Original|hCoV-19^^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WA12-UW8/2020|2020-03-03|EPI_ISL_413563|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-0723/2020|2020-04-00|EPI_ISL_684333|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-108289/2020|2020-04-01|EPI_ISL_585180|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020314819/2020|2020-08-25|EPI_ISL_574277|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/OXON-B1B1C/2020|2020-04-14|EPI_ISL_479072|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LEED-2A8509/2020|2020-03-30|EPI_ISL_539158|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C01B99/2020|2020-12-05|EPI_ISL_757238|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir3083/2020|2020-03-24|EPI_ISL_729529|Original|hCoV-19^^Berlin|Human|Charité Universitätsmedizin Berlin|Charité Universitätsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-9EF666/2020|2020-09-23|EPI_ISL_594927|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-ABB662/2020|2020-10-21|EPI_ISL_623530|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1128/2020|2020-08-07|EPI_ISL_569054|Original|hCoV-19^^Provence-Alpes-Côte d'Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wales/PHWC-16BE53/2020|2020-09-18|EPI_ISL_573981|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AD0333/2020|2020-10-26|EPI_ISL_629811|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-71ED6B/2020|2020-07-01|EPI_ISL_557705|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-RMRC6/2020|2020-04-02|EPI_ISL_455783|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL,ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/CAMB-1B7A90/2020|2020-10-20|EPI_ISL_638356|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A4998E/2020|2020-10-08|EPI_ISL_628442|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB3584/2020|2020-04-27|EPI_ISL_526472|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3938/2020|2020-09-14|EPI_ISL_615849|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-861/2020|2020-07-14|EPI_ISL_509864|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/CVR5494/2020|2020-10-19|EPI_ISL_651818|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-B0DAFB/2020|2020-11-02|EPI_ISL_649524|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000798/2020|2020-03-23|EPI_ISL_632178|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-9D489B/2020|2020-09-17|EPI_ISL_601546|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20172001604/2020|2020-04-20|EPI_ISL_465316|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG668345/2020|2020-05-13|EPI_ISL_696268|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/UT-UPHL-2012876879/2020|2020-10-27|EPI_ISL_746233|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-1460/2020|2020-04-27|EPI_ISL_622477|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5835/2020|2020-09-28|EPI_ISL_621022|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0377/2020|2020-05-15|EPI_ISL_698552|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-MCoV-14932/2020|2020-10-14|EPI_ISL_786416|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18567/2020|2020-11-19|EPI_ISL_784915|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7892/2020|2020-07-00|EPI_ISL_686993|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-17219/2020|2020-12-14|EPI_ISL_750835|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-02196/2020|2020-09-00|EPI_ISL_671496|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUH-963D56/2020|2020-08-12|EPI_ISL_531539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48897A/2020|2020-11-03|EPI_ISL_639449|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D738/2020|2020-09-24|EPI_ISL_577439|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/L920638060/2020|2020-04-02|EPI_ISL_520729|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Netherlands/ZH-EMC-976/2020|2020-11-17|EPI_ISL_722345|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-ALSR-3168/2020|2020-06-03|EPI_ISL_635895|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Iceland/50/2020|2020-03-05|EPI_ISL_417769|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/LIVE-A5999/2020|2020-03-17|EPI_ISL_499636|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-769CE/2020|2020-03-30|EPI_ISL_438295|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-A918B7/2020|2020-10-19|EPI_ISL_705994|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC6276/2020|2020-07-24|EPI_ISL_518265|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16F5D2/2020|2020-10-06|EPI_ISL_585991|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15009/2020|2020-11-23|EPI_ISL_713577|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10764/2020|2020-11-02|EPI_ISL_670192|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2AB1E/2020|2020-04-06|EPI_ISL_445667|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-283B6C/2020|2020-04-02|EPI_ISL_472248|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-6509/2020|2020-07-00|EPI_ISL_689611|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Bermuda/205081294/2020|2020-10-31|EPI_ISL_780405|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Spike|hCoV-19/Austria/CeMM0546/2020|2020-04-28|EPI_ISL_475903|Original|hCoV-19^^Austria|Human|Zentralinstitut f\u00fcr medizinische und chemische Labordiagnostik|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Panama/341003/2020|2020-04-14|EPI_ISL_496909|Original|hCoV-19^^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-A94508/2020|2020-10-20|EPI_ISL_624784|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/IGC4251/2020|2020-06-03|EPI_ISL_491242|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/India/MH-ACTREC-534/2020|2020-08-25|EPI_ISL_700180|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUA-B68821/2020|2020-11-11|EPI_ISL_655216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B23C80/2020|2020-11-04|EPI_ISL_646157|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33EDD/2020|2020-04-16|EPI_ISL_446838|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0F04/2020|2020-11-22|EPI_ISL_704774|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4158/2020|2020-07-00|EPI_ISL_692397|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-999276/2020|2020-08-24|EPI_ISL_541813|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3507/2020|2020-06-14|EPI_ISL_544209|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B33D99/2020|2020-11-05|EPI_ISL_659178|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F335/2020|2020-10-05|EPI_ISL_587079|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-270181/2020|2020-08-29|EPI_ISL_541441|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-2649/2020|2020-06-05|EPI_ISL_545450|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-29254-01/2020|2020-03-25|EPI_ISL_676764|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/ZH-UZH-1000486784/2020|2020-03-19|EPI_ISL_508870|Original|hCoV-19^^Zurich|Human|Division of Infectious Diseases and Hospital Epidemiology|Institute of Medical Virology|Huber|Switzerland

>Spike|hCoV-19/England/CAMC-B992CF/2020|2020-11-15|EPI_ISL_673429|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0431/2020|2020-04-02|EPI_ISL_435014|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-WCMP4C01P/2020|2020-03-13|EPI_ISL_427533|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/England/20144022804/2020|2020-03-30|EPI_ISL_423522|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC11546/2020|2020-08-10|EPI_ISL_563408|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19119/2020|2020-11-23|EPI_ISL_783637|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/DE-DHSS-F981198/2020|2020-08-14|EPI_ISL_708425|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14341/2020|2020-10-06|EPI_ISL_787626|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48A18F/2020|2020-10-30|EPI_ISL_652530|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/LK-NVRL-75IRL23376/2020|2020-10-06|EPI_ISL_671915|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-12220/2020|2020-11-16|EPI_ISL_682401|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-NCCS-NR1709/2020|2020-05-18|EPI_ISL_496564|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/NORW-21F619/2020|2020-12-10|EPI_ISL_725035|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC44/2020|2020-03-11|EPI_ISL_419767|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Spain/CL-IBV-97006277/2020|2020-04-21|EPI_ISL_537648|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Germany/HH-hpi-p1339/2020|2020-03-25|EPI_ISL_775761|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/CO-CDPHE-2005220686/2020|2020-05-21|EPI_ISL_710313|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Spain/MD-IBV-99008667/2020|2020-09-30|EPI_ISL_654228|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Norway/3136/2020|2020-08-08|EPI_ISL_549159|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/CA-ALSR-4835/2020|2020-11-09|EPI_ISL_730169|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-14068/2020|2020-06-24|EPI_ISL_739217|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Germany/BY-MVP-0277/2020|2020-05-25|EPI_ISL_466920|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/201161690/2020|2020-03-12|EPI_ISL_464871|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4992C6/2020|2020-12-03|EPI_ISL_727284|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-98001110/2020|2020-03-29|EPI_ISL_538173|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00e9do/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-B95A9E/2020|2020-11-13|EPI_ISL_674905|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-282D85/2020|2020-03-29|EPI_ISL_488617|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA-QDX-2218/2020|2020-03-15|EPI_ISL_661253|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WA-S2794/2020|2020-08-14|EPI_ISL_530151|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15813/2020|2020-07-10|EPI_ISL_785497|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-QDX-2071/2020|2020-03-17|EPI_ISL_604324|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-21058/2020|2020-12-18|EPI_ISL_791072|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Belgium/ULG-10259/2020|2020-07-11|EPI_ISL_515066|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Portugal/PT0818/2020|2020-03-20|EPI_ISL_511077|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW-11459/2020|2020-06-15|EPI_ISL_570414|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/OR-PROV-194/2020|2020-05-18|EPI_ISL_482439|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/USA/TX-DSHS-1940/2020|2020-06-21|EPI_ISL_765922|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/Northern Ireland/QEUA-7663F9/2020|2020-07-17|EPI_ISL_533001|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6A471/2020|2020-11-09|EPI_ISL_679060|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-124/2020|2020-04-16|EPI_ISL_431087|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-11640/2020|2020-10-26|EPI_ISL_671042|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A85E78/2020|2020-10-17|EPI_ISL_610421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F65E/2020|2020-10-15|EPI_ISL_607771|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009726/2020|2020-07-25|EPI_ISL_605398|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Portugal/PT0662/2020|2020-04-04|EPI_ISL_510921|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-S2304/2020|2020-06-12|EPI_ISL_496936|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18997/2020|2020-11-25|EPI_ISL_785272|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1438/2020|2020-03-21|EPI_ISL_511397|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-BE922A/2020|2020-12-03|EPI_ISL_708877|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B89DEF/2020|2020-11-13|EPI_ISL_675556|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0053/2020|2020-03-27|EPI_ISL_426461|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/VA_NIDDL_2932/2020|2020-04-04|EPI_ISL_491924|Original|hCoV-19^^Virginia|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/Luxembourg/LNS9867466/2020|2020-10-23|EPI_ISL_745001|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-6013/2020|2020-06-26|EPI_ISL_547168|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB3341/2020|2020-04-08|EPI_ISL_487928|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F2053/2020|2020-09-24|EPI_ISL_589077|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0460/2020|2020-05-18|EPI_ISL_698630|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/EXET-13EC8C/2020|2020-12-14|EPI_ISL_763563|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-235783/2020|2020-11-05|EPI_ISL_742140|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7365/2020|2020-10-12|EPI_ISL_619309|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-60DF8/2020|2020-07-14|EPI_ISL_529468|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-0525/2020|2020-04-03|EPI_ISL_480183|Original|hCoV-19^^Kanto|Human|Ibaraki Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-S843/2020|2020-04-00|EPI_ISL_591244|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/LIVE-9D475/2020|2020-04-16|EPI_ISL_453202|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16378D/2020|2020-05-10|EPI_ISL_473992|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18230/2020|2020-11-17|EPI_ISL_784578|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C3C7E/2020|2020-04-23|EPI_ISL_453707|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Brazil/RS-15283/2020|2020-08-09|EPI_ISL_729802|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Scotland/EDB6741/2020|2020-04-13|EPI_ISL_491696|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A256/2020|2020-12-09|EPI_ISL_731086|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AA9D0/2020|2020-07-23|EPI_ISL_540591|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/NH-EMC-58/2020|2020-08-27|EPI_ISL_577854|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/BRIS-12CC45/2020|2020-04-18|EPI_ISL_481767|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8A71/2020|2020-00-00|EPI_ISL_650960|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-402/2020|2020-07-29|EPI_ISL_700051|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/France/OCC-139/2020|2020-11-23|EPI_ISL_751459|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/USA/MN-MDH-1017/2020|2020-04-30|EPI_ISL_462862|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8576/2020|2020-07-01|EPI_ISL_780634|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LEED-2A9F64/2020|2020-04-09|EPI_ISL_538977|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP00885/2020|2020-03-31|EPI_ISL_511873|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/USA/OR-PROV-052/2020|2020-03-24|EPI_ISL_482332|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/ALDP-8DE100/2020|2020-06-25|EPI_ISL_557024|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3637/2020|2020-03-16|EPI_ISL_548356|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/BRIS-124EB0/2020|2020-03-26|EPI_ISL_443944|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/KA-IB38/2020|2020-06-15|EPI_ISL_508316|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/QEUH-9C81CC/2020|2020-09-03|EPI_ISL_567254|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW806/2020|2020-04-09|EPI_ISL_526148|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/QEUH-A78203/2020|2020-10-14|EPI_ISL_638963|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F964/2020|2020-10-15|EPI_ISL_607261|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000014/2020|2020-03-09|EPI_ISL_631512|Original|hCoV-19^^New York|Human|Mount Sinai Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/France/BRE-8942/2020|2020-08-03|EPI_ISL_560610|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-8473/2020|2020-10-26|EPI_ISL_617390|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B232CA/2020|2020-11-03|EPI_ISL_651728|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7944/2020|2020-06-30|EPI_ISL_545727|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B09321/2020|2020-10-29|EPI_ISL_673106|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E4591/2020|2020-09-23|EPI_ISL_600997|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2668/2020|2020-03-14|EPI_ISL_604986|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Northern Ireland/NIRE-1043E4/2020|2020-04-15|EPI_ISL_489306|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-288854-01/2020|2020-12-18|EPI_ISL_767489|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Portugal/PT0730/2020|2020-03-19|EPI_ISL_510989|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC15332/2020|2020-08-03|EPI_ISL_593253|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14048/2020|2020-08-14|EPI_ISL_787336|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18415/2020|2020-11-18|EPI_ISL_784763|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-10569/2020|2020-11-02|EPI_ISL_670056|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2933/2020|2020-08-24|EPI_ISL_616694|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-74B1A5/2020|2020-06-30|EPI_ISL_557467|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CC47/2020|2020-12-10|EPI_ISL_731220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A4667B/2020|2020-10-05|EPI_ISL_598624|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/452/2020|2020-03-19|EPI_ISL_424476|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\|u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUH-9CFC6A/2020|2020-09-15|EPI_ISL_589866|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2820/2020|2020-07-01|EPI_ISL_521651|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-GBCL-26684441/2020|2020-04-11|EPI_ISL_485266|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/ALDP-B48432/2020|2020-11-07|EPI_ISL_649210|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AA035/2020|2020-03-23|EPI_ISL_517391|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1B2B38/2020|2020-05-15|EPI_ISL_469905|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2B59C/2020|2020-11-02|EPI_ISL_646596|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/NGY-NNH-038/2020|2020-07-31|EPI_ISL_637004|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-199741-01/2020|2020-08-17|EPI_ISL_677044|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22544/2020|2020-11-08|EPI_ISL_708563|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Spain/PV-IBV-001436/2020|2020-03-17|EPI_ISL_467130|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/India/MH-NIV-QC-802/2020|2020-04-27|EPI_ISL_452216|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/FL-BPHL-1750/2020|2020-10-02|EPI_ISL_613865|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-3176/2020|2020-08-24|EPI_ISL_615998|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17692/2020|2020-12-14|EPI_ISL_751149|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6D483/2020|2020-10-15|EPI_ISL_607985|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20164086704/2020|2020-04-15|EPI_ISL_466489|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9703BE/2020|2020-08-18|EPI_ISL_553020|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28DED/2020|2020-04-03|EPI_ISL_445443|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5BBDD/2020|2020-11-09|EPI_ISL_655537|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/NE-ETHZ-350401/2020|2020-11-03|EPI_ISL_728816|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-A89EED/2020|2020-10-16|EPI_ISL_638830|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21181/2020|2020-06-30|EPI_ISL_507438|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-210023/2020|2020-07-21|EPI_ISL_510768|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/BIRM-6004A/2020|2020-00-00|EPI_ISL_493432|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-6377/2020|2020-08-00|EPI_ISL_689488|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-4257/2020|2020-06-19|EPI_ISL_543469|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-4704/2020|2020-09-28|EPI_ISL_730092|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LIVE-99C80/2020|2020-04-13|EPI_ISL_584608|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0834_H06/2020|2020-07-23|EPI_ISL_756355|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Thailand/MUMT-3/2020|2020-02-25|EPI_ISL_493137|Vero P3|hCoV-19^^Bangkok|Human|Center for Research and Innovation|Center for Research and Innovation|Sangsiriwut|Thailand

>Spike|hCoV-19/Hong Kong/HKU-IHCE0511-006a/2020|2020-01-29|EPI_ISL_538530|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Japan/PG-7331/2020|2020-08-00|EPI_ISL_688434|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/RJ-00356/2020|2020-05-27|EPI_ISL_623159|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-B1A9A3/2020|2020-11-01|EPI_ISL_647677|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Morocco/RMPS-04/2020|2020-03-30|EPI_ISL_469052|Original|hCoV-19^^Morocco|Human|LNR National Reference Laboratory|Medical Biotechnology Laboratory|Kartti|Morocco

>Spike|hCoV-19/Wales/PHWC-487128/2020|2020-10-31|EPI_ISL_639166|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2144/2020|2020-03-22|EPI_ISL_498045|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/India/WB-S12/2020|2020-04-06|EPI_ISL_437539|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Argentina/PAIS-A0006/2020|2020-03-28|EPI_ISL_430798|Original|hCoV-19^^Buenos Aires|Human|Departamento de Biolog\u00eda y gen\u00e9tica

molecular|Area de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutierrez|Viegas|Argentina
>Spike|hCoV-19/United Arab Emirates/L3290263088/2020|2020-05-20|EPI_ISL_520703|Original|hCoV-19^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates
>Spike|hCoV-19/England/QEUA-9F5A07/2020|2020-09-25|EPI_ISL_588934|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-1319/2020|2020-04-00|EPI_ISL_684927|Original|hCoV-19^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Japan/PG-8525/2020|2020-07-00|EPI_ISL_686121|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-48E956/2020|2020-11-13|EPI_ISL_680936|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/LOND-1264560/2020|2020-11-17|EPI_ISL_702930|Original|hCoV-19^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/ALDP-956178/2020|2020-06-08|EPI_ISL_554013|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/DRC/3764/2020|2020-04-24|EPI_ISL_447238|Original|hCoV-19^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo
>Spike|hCoV-19/Denmark/ALAB-SSI-895/2020|2020-03-30|EPI_ISL_444962|Original|hCoV-19^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/England/ALDP-9E9CC4/2020|2020-09-24|EPI_ISL_580133|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Costa Rica/INC-0174/2020|2020-11-06|EPI_ISL_769998|Original|hCoV-19^Cartago|Human|Area De Salud Catedral Noreste|Inciensa|Soto-Garita|Costa Rica
>Spike|hCoV-19/Netherlands/GE-EMC-197/2020|2020-05-18|EPI_ISL_523179|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/CAMC-9EBEDB/2020|2020-09-22|EPI_ISL_584427|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/CAMB-7822B/2020|2020-04-05|EPI_ISL_433707|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Greece/34_36284/2020|2020-03-24|EPI_ISL_447832|unknown|hCoV-19^Athens|Human|unknown|Department of Medicine|Submitter|Greece
>Spike|hCoV-19/England/201080001/2020|2020-03-05|EPI_ISL_464417|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-001217/2020|2020-11-04|EPI_ISL_683866|Original|hCoV-19^New York|Human|DOHMH Riverside|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/C200049134/2020|2020-11-18|EPI_ISL_683489|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/Netherlands/NB-EMC-176/2020|2020-00-00|EPI_ISL_523299|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/205180595/2020|2020-12-17|EPI_ISL_766111|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-21FC80/2020|2020-12-15|EPI_ISL_741472|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/SHEF-C5B42/2020|2020-04-01|EPI_ISL_432809|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-A699D3/2020|2020-10-09|EPI_ISL_665276|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1135/2020|2020-08-11|EPI_ISL_522892|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-998FE9/2020|2020-08-24|EPI_ISL_541818|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A9CB1/2020|2020-09-01|EPI_ISL_551003|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-110465/2020|2020-04-07|EPI_ISL_451883|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-MDHHS-SC22416/2020|2020-11-18|EPI_ISL_708249|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/CA-CSMC13/2020|2020-03-28|EPI_ISL_475607|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/CA-CZB-12878/2020|2020-09-09|EPI_ISL_672423|Original|hCoV-19^^California|Human|Fresno County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-2D28F/2020|2020-04-02|EPI_ISL_445963|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-2A5E98/2020|2020-10-07|EPI_ISL_611846|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC4673/2020|2020-07-14|EPI_ISL_519061|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B95937/2020|2020-11-13|EPI_ISL_675067|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3381/2020|2020-07-27|EPI_ISL_561068|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/BIRM-6A417/2020|2020-11-09|EPI_ISL_679054|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-A458C1/2020|2020-10-06|EPI_ISL_598558|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A4235/2020|2020-06-17|EPI_ISL_490410|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20176046604/2020|2020-04-20|EPI_ISL_465416|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8121/2020|2020-10-26|EPI_ISL_616907|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-496C8F/2020|2020-11-23|EPI_ISL_726709|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200500/2020|2020-10-23|EPI_ISL_753039|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/BRIS-126E18/2020|2020-04-09|EPI_ISL_459018|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3827372/2020|2020-11-21|EPI_ISL_740378|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/20162037504/2020|2020-04-09|EPI_ISL_466415|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BRIS-12749D/2020|2020-04-22|EPI_ISL_469696|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204941330/2020|2020-11-30|EPI_ISL_754298|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B87BE/2020|2020-09-10|EPI_ISL_549586|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2447/2020|2020-08-10|EPI_ISL_617407|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A69812/2020|2020-10-08|EPI_ISL_665325|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1470/2020|2020-03-25|EPI_ISL_518864|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-DSHS-0907/2020|2020-07-01|EPI_ISL_610043|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-2802/2020|2020-04-00|EPI_ISL_690929|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8486/2020|2020-06-08|EPI_ISL_618061|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C3227C/2020|2020-12-11|EPI_ISL_730656|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5951/2020|2020-11-23|EPI_ISL_705690|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-246/2020|2020-03-29|EPI_ISL_436341|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Japan/PG-4612/2020|2020-08-00|EPI_ISL_689749|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-13142/2020|2020-10-26|EPI_ISL_672395|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUEH-B3F595/2020|2020-11-08|EPI_ISL_658524|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IA-GMF-15466/2020|2020-08-14|EPI_ISL_547704|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUEH-BCE8B0/2020|2020-11-26|EPI_ISL_704571|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2162/2020|2020-03-28|EPI_ISL_775909|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Ireland/CO-NVRL-75IRL32904/2020|2020-10-07|EPI_ISL_671872|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/WA-S1680/2020|2020-05-29|EPI_ISL_496106|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-UW274/2020|2020-03-13|EPI_ISL_418059|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/PORT-2E9B64/2020|2020-00-00|EPI_ISL_706872|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-606/2020|2020-04-09|EPI_ISL_547201|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/StPetersburg-RII11172S/2020|2020-05-02|EPI_ISL_507241|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/PHWC-169040/2020|2020-06-30|EPI_ISL_499385|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-296E5E/2020|2020-04-28|EPI_ISL_488128|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-2554/2020|2020-03-28|EPI_ISL_468998|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/DRC/2563/2020|2020-04-15|EPI_ISL_437340|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Muyembe|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-HMH-MCoV-8513/2020|2020-07-01|EPI_ISL_780600|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-100382/2020|2020-03-20|EPI_ISL_574930|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1539/2020|2020-04-13|EPI_ISL_678106|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-A9242B/2020|2020-10-19|EPI_ISL_611042|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACD3A2/2020|2020-10-21|EPI_ISL_634470|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17377/2020|2020-12-14|EPI_ISL_750234|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-4817/2020|2020-06-22|EPI_ISL_544351|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/PV-IBV-004236/2020|2020-04-05|EPI_ISL_500300|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario

Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/USA/CA-SCCPHD-UC173/2020|2020-03-13|EPI_ISL_435652|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA
>Spike|hCoV-19/Finland/9SS20H11/2020|2020-09-10|EPI_ISL_755968|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/Denmark/DCGC-1845/2020|2020-05-11|EPI_ISL_622587|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NORW-21FBED/2020|2020-12-15|EPI_ISL_741467|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/CAMC-9DFC1C/2020|2020-09-21|EPI_ISL_576927|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Norway/3835/2020|2020-09-25|EPI_ISL_590980|original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway
>Spike|hCoV-19/England/QEUEH-C314FF/2020|2020-12-10|EPI_ISL_730710|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-3801/2020|2020-07-27|EPI_ISL_622667|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-DSHS-1857/2020|2020-06-24|EPI_ISL_745293|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/England/QEUEH-9DD67A/2020|2020-09-21|EPI_ISL_599611|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/386/2020|2020-04-17|EPI_ISL_469135|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Switzerland/LU-ETHZ-120195/2020|2020-04-27|EPI_ISL_468269|Original|hCoV-19^^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Wales/PHWC-316D7/2020|2020-04-12|EPI_ISL_446474|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/EXET-13AA77/2020|2020-11-09|EPI_ISL_664262|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/England/ALDP-B85A46/2020|2020-11-11|EPI_ISL_675925|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A502F2/2020|2020-10-07|EPI_ISL_597773|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-2D52C/2020|2020-04-04|EPI_ISL_474316|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/India/MH-AFMC-5807/2020|2020-05-25|EPI_ISL_496545|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India
>Spike|hCoV-19/USA/TX-HMH-4478/2020|2020-06-17|EPI_ISL_543653|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NA_428/2020|2020-04-06|EPI_ISL_455230|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-ACEB4F/2020|2020-10-21|EPI_ISL_629448|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/S3CA12/2020|2020-10-30|EPI_ISL_732641|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/NORW-FA537/2020|2020-12-07|EPI_ISL_725511|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-8538/2020|2020-07-00|EPI_ISL_686134|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B3084/2020|2020-05-15|EPI_ISL_534836|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2423/2020|2020-12-04|EPI_ISL_754666|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUEH-969CCC/2020|2020-08-11|EPI_ISL_530827|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1105EF/2020|2020-04-26|EPI_ISL_441535|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A95CD5/2020|2020-10-20|EPI_ISL_624828|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15203/2020|2020-08-10|EPI_ISL_593187|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15633/2020|2020-11-23|EPI_ISL_713182|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/GE-SNRCI-8378/2020|2020-03-00|EPI_ISL_548224|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/QEUEH-BC3B76/2020|2020-11-25|EPI_ISL_703999|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99BF1/2020|2020-11-15|EPI_ISL_673564|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-896/2020|2020-03-21|EPI_ISL_579545|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Denmark/DCGC-7148/2020|2020-10-12|EPI_ISL_618923|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A707EE/2020|2020-10-15|EPI_ISL_608138|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1881/2020|2020-09-14|EPI_ISL_605752|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CWAR-24FE01A/2020|2020-06-16|EPI_ISL_584561|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Canada/NB_248/2020|2020-04-01|EPI_ISL_481746|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Grudeski|Canada

>Spike|hCoV-19/England/PORT-2D34BD/2020|2020-04-14|EPI_ISL_535033|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-CA936E/2020|2020-12-17|EPI_ISL_762543|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4808/2020|2020-06-22|EPI_ISL_544344|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-A5DDA9/2020|2020-10-12|EPI_ISL_609184|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2816E5/2020|2020-03-19|EPI_ISL_488765|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8076949/2020|2020-10-19|EPI_ISL_744679|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Belgium/ULG-11037/2020|2020-11-30|EPI_ISL_722951|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/204790156/2020|2020-11-20|EPI_ISL_683572|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/204742176/2020|2020-00-00|EPI_ISL_649893|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B9F047/2020|2020-11-18|EPI_ISL_719848|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-EMC-78/2020|2020-09-02|EPI_ISL_632525|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-7965/2020|2020-05-00|EPI_ISL_687066|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB0731/2020|2020-03-31|EPI_ISL_429026|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Australia/VIC7176/2020|2020-07-23|EPI_ISL_564263|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Morocco/FMP-42/2020|2020-12-14|EPI_ISL_769863|Original|hCoV-19^^Casablanca|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouadghiri|Morocco

>Spike|hCoV-19/USA/TX-HMH-3137/2020|2020-06-11|EPI_ISL_544019|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-S943/2020|2020-04-14|EPI_ISL_591265|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Netherlands/NH-RIVM-20797/2020|2020-12-21|EPI_ISL_790856|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/NOTT-112705/2020|2020-04-16|EPI_ISL_490569|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-A190A0/2020|2020-10-01|EPI_ISL_612480|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12724/2020|2020-08-31|EPI_ISL_790486|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1762/2020|2020-06-20|EPI_ISL_710406|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NY-Wadsworth-248513-01/2020|2020-10-18|EPI_ISL_734368|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03764/2020|2020-11-00|EPI_ISL_775074|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-18848/2020|2020-12-07|EPI_ISL_748595|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2463/2020|2020-12-21|EPI_ISL_759738|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUH-B9EC71/2020|2020-11-18|EPI_ISL_719778|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160F00/2020|2020-05-18|EPI_ISL_473066|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001929/2020|2020-03-11|EPI_ISL_452445|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ella. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-CAB7A/2020|2020-06-07|EPI_ISL_484489|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-4626/2020|2020-07-00|EPI_ISL_689763|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/HECH-259A079/2020|2020-05-14|EPI_ISL_482071|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F363/2020|2020-12-07|EPI_ISL_743202|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9D95CC/2020|2020-09-18|EPI_ISL_576744|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488B38/2020|2020-11-01|EPI_ISL_639468|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9610099/2020|2020-11-04|EPI_ISL_744949|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUH-87EF35/2020|2020-07-25|EPI_ISL_532715|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B084A7/2020|2020-10-29|EPI_ISL_643368|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/CMX-INdRE-06/2020|2020-03-12|EPI_ISL_424673|Original|hCoV-19^^Mexico City|Human|Instituto de Diagnostico y Referencia Epidemiologicos|Instituto de Diagnostico y Referencia Epidemiologicos|Mendieta|Mexico

>Spike|hCoV-19/USA/CO-CDPHE-2009042326/2020|2020-09-03|EPI_ISL_677312|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/CAMB-1AC3EE/2020|2020-04-22|EPI_ISL_489406|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-BIE-029/2020|2020-04-06|EPI_ISL_463277|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/England/MILK-BB1337/2020|2020-11-17|EPI_ISL_720168|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B6A37/2020|2020-10-06|EPI_ISL_612265|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B08340/2020|2020-10-29|EPI_ISL_643962|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99CD81/2020|2020-08-30|EPI_ISL_549943|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6911/2020|2020-05-02|EPI_ISL_526515|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009504/2020|2020-07-11|EPI_ISL_605188|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-A7DBB8/2020|2020-10-13|EPI_ISL_638469|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AK-PHL699/2020|2020-06-29|EPI_ISL_586257|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/QEUEH-B13D80/2020|2020-11-01|EPI_ISL_641833|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B11B/2020|2020-04-07|EPI_ISL_432027|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96ACAD/2020|2020-08-17|EPI_ISL_534655|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9EEB8/2020|2020-10-20|EPI_ISL_611388|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B52F/2020|2020-04-13|EPI_ISL_433971|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2152/2020|2020-03-17|EPI_ISL_604431|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-AA5461/2020|2020-10-21|EPI_ISL_625012|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1531431/2020|2020-11-26|EPI_ISL_739950|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-19493/2020|2020-12-07|EPI_ISL_748528|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-5DA170/2020|2020-06-17|EPI_ISL_533342|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-10495-01/2020|2020-03-03|EPI_ISL_425224|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-1686D6/2020|2020-04-20|EPI_ISL_494273|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ACD1C6/2020|2020-10-22|EPI_ISL_634509|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02521/2020|2020-09-00|EPI_ISL_671604|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/NORT-2843EB/2020|2020-03-19|EPI_ISL_488554|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2266/2020|2020-08-10|EPI_ISL_617623|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS4376605/2020|2020-11-18|EPI_ISL_740459|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-BA1279/2020|2020-11-18|EPI_ISL_672754|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB958/2020|2020-03-31|EPI_ISL_585254|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8989/2020|2020-07-02|EPI_ISL_780876|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-774BD/2020|2020-03-31|EPI_ISL_439503|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC11565/2020|2020-08-27|EPI_ISL_563416|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19341/2020|2020-12-07|EPI_ISL_748894|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CDPH070/2020|2020-07-01|EPI_ISL_754956|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/MS-CDC-6562/2020|2020-09-03|EPI_ISL_648014|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-DSHS-2010/2020|2020-11-13|EPI_ISL_766763|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/AK-PHL456/2020|2020-06-08|EPI_ISL_512139|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/USA/TX-HMH-3416/2020|2020-06-14|EPI_ISL_544175|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG396390/2020|2020-06-12|EPI_ISL_694841|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-468/2020|2020-08-16|EPI_ISL_523804|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-5029/2020|2020-06-24|EPI_ISL_544470|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4325/2020|2020-07-00|EPI_ISL_692553|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW2624/2020|2020-04-05|EPI_ISL_678322|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Australia/VIC8497/2020|2020-08-19|EPI_ISL_565053|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-490CC1/2020|2020-11-16|EPI_ISL_706559|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A723/2020|2020-11-04|EPI_ISL_652593|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AF61B5/2020|2020-10-30|EPI_ISL_663041|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1146/2020|2020-08-07|EPI_ISL_569060|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-ACD560/2020|2020-10-21|EPI_ISL_634351|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9B7333/2020|2020-09-07|EPI_ISL_590550|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-ALSR-0077-NBG/2020|2020-03-31|EPI_ISL_434531|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-S1428/2020|2020-05-20|EPI_ISL_495878|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-3574/2020|2020-06-15|EPI_ISL_543034|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-2982/2020|2020-05-00|EPI_ISL_691106|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUH-AAE50B/2020|2020-10-22|EPI_ISL_624140|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A8AE/2020|2020-11-15|EPI_ISL_673250|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C3275F/2020|2020-12-11|EPI_ISL_782628|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2621D/2020|2020-03-26|EPI_ISL_422038|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-AA703/2020|2020-03-24|EPI_ISL_517491|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7113377/2020|2020-12-28|EPI_ISL_770860|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-15805/2020|2020-07-10|EPI_ISL_785489|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/DE-DHSS-FLW00404994/2020|2020-12-02|EPI_ISL_766997|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/England/ALDP-B755DF/2020|2020-11-12|EPI_ISL_662106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EB52A/2020|2020-05-01|EPI_ISL_457440|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-S2052/2020|2020-06-05|EPI_ISL_497480|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-1B7DF1/2020|2020-10-14|EPI_ISL_638179|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC6428/2020|2020-07-24|EPI_ISL_521219|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC5382/2020|2020-07-15|EPI_ISL_520145|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-NIV-7511/2020|2020-04-05|EPI_ISL_452208|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/SHEF-10D7746/2020|2020-12-16|EPI_ISL_763635|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Brazil/RS-00623/2020|2020-11-23|EPI_ISL_770574|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0216v1/2020|2020-04-22|EPI_ISL_644281|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/VIC10723/2020|2020-09-06|EPI_ISL_563055|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-1215CD/2020|2020-12-17|EPI_ISL_741643|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A6ECE4/2020|2020-10-15|EPI_ISL_607694|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/23LS7G2/2020|2020-10-23|EPI_ISL_759790|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/OXON-F408A3/2020|2020-12-10|EPI_ISL_764271|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-969A1D/2020|2020-08-12|EPI_ISL_531008|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-1935/2020|2020-08-27|EPI_ISL_644464|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-A7BEEE/2020|2020-10-15|EPI_ISL_607391|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-190078/2020|2020-07-05|EPI_ISL_500935|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Germany/BAV-MVP0292/2020|2020-05-25|EPI_ISL_548957|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/USA/CA-QDX-2578/2020|2020-03-16|EPI_ISL_604876|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/OR-OHSU-2915/2020|2020-09-05|EPI_ISL_667413|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Scotland/QEUA-9F85A9/2020|2020-09-27|EPI_ISL_600867|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A37042/2020|2020-10-03|EPI_ISL_638721|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-95854D/2020|2020-06-10|EPI_ISL_554828|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CAEA/2020|2020-11-01|EPI_ISL_723528|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-9B9C81/2020|2020-09-07|EPI_ISL_549659|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4710/2020|2020-09-21|EPI_ISL_621941|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2B39D/2020|2020-04-12|EPI_ISL_445700|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/201040079/2020|2020-03-03|EPI_ISL_464323|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Portugal/PT2066/2020|2020-11-11|EPI_ISL_732280|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Ireland/LK-UHL5/2020|2020-04-01|EPI_ISL_681754|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Denmark/DCGC-18825/2020|2020-12-07|EPI_ISL_748580|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9521E5/2020|2020-06-09|EPI_ISL_553666|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F5FF9/2020|2020-09-25|EPI_ISL_588320|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/CO-NVRL-76IRL32468/2020|2020-10-18|EPI_ISL_732465|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/FL-QDX-1616/2020|2020-03-18|EPI_ISL_603937|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Saint Barthelemy/IPG-7329/2020|2020-03-13|EPI_ISL_613429|Original|hCoV-19^^Saint Barth\ue9lemy|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Saint Barth\ue9lemy

>Spike|hCoV-19/England/QEUA-C03EDA/2020|2020-12-04|EPI_ISL_720897|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6295/2020|2020-10-23|EPI_ISL_775381|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/EXET-136DEB/2020|2020-04-20|EPI_ISL_471926|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUH-B813B8/2020|2020-11-14|EPI_ISL_661852|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B97382/2020|2020-11-14|EPI_ISL_675058|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0311/2020|2020-05-18|EPI_ISL_698488|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/NY-Wadsworth-261037-01/2020|2020-11-02|EPI_ISL_754511|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19194/2020|2020-11-23|EPI_ISL_783681|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-00232/2020|2020-03-23|EPI_ISL_418188|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/NOTT-10DF14/2020|2020-03-12|EPI_ISL_425469|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUH-A1DC99/2020|2020-09-29|EPI_ISL_587310|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3658A/2020|2020-04-30|EPI_ISL_474684|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1ADB7C/2020|2020-05-03|EPI_ISL_448039|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7312/2020|2020-06-29|EPI_ISL_546669|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-A5E6F8/2020|2020-10-12|EPI_ISL_597404|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1703/2020|2020-09-11|EPI_ISL_605576|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMB-77514/2020|2020-03-31|EPI_ISL_438517|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5251/2020|2020-09-14|EPI_ISL_615182|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OH-ODH-SC35079/2020|2020-04-23|EPI_ISL_776567|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/Wales/PHWC-2F144/2020|2020-04-06|EPI_ISL_446206|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6314/2020|2020-07-24|EPI_ISL_518302|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC12107/2020|2020-07-22|EPI_ISL_591916|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC15027/2020|2020-07-27|EPI_ISL_593110|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/204421152/2020|2020-10-27|EPI_ISL_653968|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1848/2020|2020-04-09|EPI_ISL_613928|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/ALDP-B1AB52/2020|2020-11-01|EPI_ISL_711044|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168630/2020|2020-04-22|EPI_ISL_494266|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-200009/2020|2020-07-11|EPI_ISL_510698|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Gibraltar/204841747/2020|2020-00-00|EPI_ISL_671314|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-26ECE/2020|2020-03-30|EPI_ISL_422090|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Indonesia/JK-EIJK-40/2020|2020-05-27|EPI_ISL_568691|Original|hCoV-19^^Jakarta|Human|RSUP Fatmawati|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/England/CAMB-1B4B36/2020|2020-06-10|EPI_ISL_473498|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8103/2020|2020-06-30|EPI_ISL_784198|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4999/2020|2020-08-00|EPI_ISL_690112|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUIH-A4D1CE/2020|2020-10-07|EPI_ISL_596100|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003679/2020|2020-09-20|EPI_ISL_602865|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/C200032834/2020|2020-10-15|EPI_ISL_636710|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-A0ABFC/2020|2020-10-01|EPI_ISL_599383|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99417E/2020|2020-08-25|EPI_ISL_551664|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6635/2020|2020-06-00|EPI_ISL_687747|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW1312/2020|2020-12-18|EPI_ISL_767878|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/OR-OHSU-1023/2020|2020-07-07|EPI_ISL_525951|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-AA1DF1/2020|2020-10-22|EPI_ISL_625154|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2304/2020|2020-03-15|EPI_ISL_604577|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-CB4DAE/2020|2020-12-18|EPI_ISL_761285|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4330/2020|2020-09-07|EPI_ISL_615530|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-113BDB/2020|2020-09-28|EPI_ISL_572444|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA0720/2020|2020-11-18|EPI_ISL_719789|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-21998/2020|2020-08-05|EPI_ISL_571011|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Luxembourg/LNS2104020/2020|2020-12-22|EPI_ISL_771094|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-9CAC8D/2020|2020-09-16|EPI_ISL_575505|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM93963490/2020|2020-11-10|EPI_ISL_753302|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19748/2020|2020-11-19|EPI_ISL_784092|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-10E58A/2020|2020-03-26|EPI_ISL_425563|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34346/2020|2020-04-12|EPI_ISL_446906|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4DA9/2020|2020-12-09|EPI_ISL_764790|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DC0F5/2020|2020-09-21|EPI_ISL_601288|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200353/2020|2020-09-17|EPI_ISL_752909|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUEH-A0AE99/2020|2020-10-03|EPI_ISL_599234|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S782/2020|2020-04-10|EPI_ISL_586443|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Portugal/PT1746/2020|2020-11-10|EPI_ISL_731983|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Norway/3908/2020|2020-09-21|EPI_ISL_635112|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Bangladesh/DNAS-CPH-isl-510/2020|2020-04-29|EPI_ISL_605893|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/England/QEUEH-9F7BE4/2020|2020-09-27|EPI_ISL_589025|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-289638/2020|2020-03-31|EPI_ISL_458627|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20326/2020|2020-03-14|EPI_ISL_450605|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-C7339/2020|2020-05-01|EPI_ISL_457617|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B01E/2020|2020-04-08|EPI_ISL_432265|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E0BB/2020|2020-10-14|EPI_ISL_607723|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1816/2020|2020-04-16|EPI_ISL_433139|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15963/2020|2020-11-23|EPI_ISL_714508|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-11152/2020|2020-09-02|EPI_ISL_789716|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-490827/2020|2020-11-14|EPI_ISL_706515|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20952/2020|2020-12-21|EPI_ISL_790976|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-108DA6/2020|2020-10-12|EPI_ISL_627559|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMC-B52417/2020|2020-11-08|EPI_ISL_656921|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8220/2020|2020-10-26|EPI_ISL_616961|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/OCC-26/2020|2020-06-10|EPI_ISL_482884|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Laboratoire de virologie - \u00e9cole Nationale V\u00e9t\u00e9rinaire de Toulouse|Crouille|France

>Spike|hCoV-19/USA/LA-EVTL378/2020|2020-06-02|EPI_ISL_578784|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-A79A64/2020|2020-10-15|EPI_ISL_606890|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-167E2A/2020|2020-06-06|EPI_ISL_494162|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1903/2020|2020-10-19|EPI_ISL_613523|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/South Africa/LR00137/2020|2020-07-20|EPI_ISL_514368|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health

Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/ALDP-6C3030/2020|2020-07-01|EPI_ISL_557872|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B55265/2020|2020-11-05|EPI_ISL_709899|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-111638/2020|2020-11-24|EPI_ISL_728550|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-CEBAC5/2020|2020-12-21|EPI_ISL_782361|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15125/2020|2020-08-28|EPI_ISL_593149|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-18285/2020|2020-12-07|EPI_ISL_749864|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2F3BD/2020|2020-10-06|EPI_ISL_587014|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-QDX-1678/2020|2020-03-18|EPI_ISL_603880|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-CC9386/2020|2020-12-22|EPI_ISL_781886|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E73B/2020|2020-12-08|EPI_ISL_743040|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-13977-01/2020|2020-03-12|EPI_ISL_525607|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/QEUEH-943C31/2020|2020-07-12|EPI_ISL_532557|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-41/2020|2020-03-11|EPI_ISL_420125|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-B85E95/2020|2020-11-13|EPI_ISL_674000|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4850/2020|2020-10-04|EPI_ISL_594650|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B526C6/2020|2020-11-06|EPI_ISL_656693|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9C652/2020|2020-03-23|EPI_ISL_449564|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26791757/2020|2020-04-06|EPI_ISL_485372|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/QEUEH-A9F6EC/2020|2020-10-20|EPI_ISL_611297|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BEE35F/2020|2020-11-30|EPI_ISL_708898|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB0CC/2020|2020-09-16|EPI_ISL_575456|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-SC517/2020|2020-04-29|EPI_ISL_660705|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/BRIS-12A6B2/2020|2020-04-30|EPI_ISL_458429|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-403/2020|2020-03-24|EPI_ISL_571142|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-B6357A/2020|2020-11-09|EPI_ISL_656573|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2139/2020|2020-11-08|EPI_ISL_708477|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-360312/2020|2020-11-06|EPI_ISL_729054|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-19165/2020|2020-11-23|EPI_ISL_783665|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A45F62/2020|2020-10-06|EPI_ISL_598583|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5649/2020|2020-10-29|EPI_ISL_680444|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B143C9/2020|2020-11-03|EPI_ISL_642568|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4D30/2020|2020-12-09|EPI_ISL_764785|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10749/2020|2020-11-02|EPI_ISL_669580|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7AF55/2020|2020-10-12|EPI_ISL_607585|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2405/2020|2020-04-23|EPI_ISL_776478|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUEH-B2D22A/2020|2020-11-04|EPI_ISL_659904|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76524/2020|2020-03-29|EPI_ISL_438408|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-BC072A/2020|2020-11-22|EPI_ISL_705006|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D00D3/2020|2020-09-15|EPI_ISL_589967|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NT39/2020|2020-00-00|EPI_ISL_430497|Original|hCoV-19^^Northern Territory|Human|Royal Darwin Hospital Pathology|Microbiological

Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/WA-S2916/2020|2020-07-24|EPI_ISL_771361|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/USA/NJ-QDX-2468/2020|2020-03-14|EPI_ISL_604788|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/WA-S155/2020|2020-03-16|EPI_ISL_430192|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Australia/VIC5346/2020|2020-07-21|EPI_ISL_520109|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUA-A2153D/2020|2020-10-01|EPI_ISL_587457|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-B134A9/2020|2020-11-02|EPI_ISL_641765|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-15C2FF/2020|2020-04-06|EPI_ISL_472468|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Iceland/400/2020|2020-03-19|EPI_ISL_424424|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland
>Spike|hCoV-19/Scotland/QEUA-9CF013/2020|2020-09-17|EPI_ISL_601979|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S1343/2020|2020-05-13|EPI_ISL_495793|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/QEUA-BCE540/2020|2020-11-26|EPI_ISL_704451|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/ALDP-955856/2020|2020-06-11|EPI_ISL_554565|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-1270C6/2020|2020-04-23|EPI_ISL_469804|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9E9E91/2020|2020-09-24|EPI_ISL_580140|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-2034/2020|2020-09-24|EPI_ISL_677440|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/ALDP-A95604/2020|2020-10-20|EPI_ISL_624741|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B36570/2020|2020-11-03|EPI_ISL_645322|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah30/2020|2020-03-26|EPI_ISL_437485|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/Portugal/PT0086/2020|2020-03-20|EPI_ISL_421489|Original|hCoV-19^^Portugal|Human|HSE Ilha Terceira - Angra do Heroismo|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B389FA/2020|2020-10-31|EPI_ISL_658856|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-81FEC/2020|2020-04-21|EPI_ISL_438606|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-B563DA/2020|2020-11-05|EPI_ISL_657382|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D3294/2020|2020-12-18|EPI_ISL_742054|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489302/2020|2020-11-01|EPI_ISL_639562|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0430/2020|2020-04-05|EPI_ISL_480097|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47DC06/2020|2020-10-10|EPI_ISL_595341|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B853C/2020|2020-09-07|EPI_ISL_549746|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42202218/2020|2020-03-21|EPI_ISL_528325|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Northern Ireland/NIRE-107448/2020|2020-03-30|EPI_ISL_585150|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Russia/Kipen-RII6907V/2020|2020-04-19|EPI_ISL_450246|Vero P1|hCoV-19^^Leningrad|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/MILK-B54AC8/2020|2020-11-05|EPI_ISL_657988|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9832/2020|2020-07-06|EPI_ISL_780298|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-270098/2020|2020-09-03|EPI_ISL_541484|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-830AB/2020|2020-04-14|EPI_ISL_443402|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B939C0/2020|2020-11-13|EPI_ISL_676144|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0400/2020|2020-04-01|EPI_ISL_434987|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AR-IBV-2428/2020|2020-03-26|EPI_ISL_468805|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Italy/APU-IZSPB-186PT/2020|2020-08-28|EPI_ISL_722864|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Scotland/QEUEH-A369C0/2020|2020-10-04|EPI_ISL_638931|Original|hCoV-19^^Scotland|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC16093/2020|2020-08-04|EPI_ISL_641051|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6776/2020|2020-08-00|EPI_ISL_687886|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Singapore/758/2020|2020-03-14|EPI_ISL_507003|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Denmark/DCGC-16989/2020|2020-12-14|EPI_ISL_750693|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/R13443-20/2020|2020-07-10|EPI_ISL_622931|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Switzerland/BL-ETHZ-100311/2020|2020-03-19|EPI_ISL_574892|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC11061/2020|2020-09-07|EPI_ISL_563228|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-953005/2020|2020-06-11|EPI_ISL_554607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B86966/2020|2020-11-14|EPI_ISL_674097|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1258/2020|2020-08-23|EPI_ISL_536631|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMB-7C8F8/2020|2020-04-06|EPI_ISL_442184|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC261/2020|2020-04-05|EPI_ISL_428775|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-83D1D/2020|2020-04-22|EPI_ISL_438684|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Gambia/GC19-1556/2020|2020-05-18|EPI_ISL_561024|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/ALDP-C39E08/2020|2020-12-08|EPI_ISL_731110|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B9D8/2020|2020-04-03|EPI_ISL_441631|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15358/2020|2020-11-23|EPI_ISL_713783|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1086/2020|2020-08-05|EPI_ISL_596476|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-9D3C72/2020|2020-09-17|EPI_ISL_601649|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrain/340859906_S10/2020|2020-10-14|EPI_ISL_632277|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Scotland/EDB4952/2020|2020-05-14|EPI_ISL_473804|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-4A822E/2020|2020-06-11|EPI_ISL_559635|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498FDF/2020|2020-12-01|EPI_ISL_727241|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B38426/2020|2020-11-01|EPI_ISL_658766|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2597/2020|2020-06-04|EPI_ISL_545417|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/EXET-139DF7/2020|2020-00-00|EPI_ISL_679345|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/OXON-ADABC/2020|2020-00-00|EPI_ISL_448612|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-B12EF7/2020|2020-11-02|EPI_ISL_642759|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B549BC/2020|2020-11-09|EPI_ISL_658263|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Shanghai/SH0076/2020|2020-02-01|EPI_ISL_416379|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/Canada/MB-NML-1006/2020|2020-07-18|EPI_ISL_582373|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Denmark/DCGC-1644/2020|2020-04-06|EPI_ISL_619895|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C5C3A6/2020|2020-12-14|EPI_ISL_769468|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7974/2020|2020-08-13|EPI_ISL_564782|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94D99A/2020|2020-06-20|EPI_ISL_555250|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C04AF3/2020|2020-12-04|EPI_ISL_720756|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/19MR1cE8/2020|2020-11-19|EPI_ISL_757339|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/NOTT-115CC7/2020|2020-10-17|EPI_ISL_595290|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LIVE-DBB025/2020|2020-11-12|EPI_ISL_664368|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0652/2020|2020-06-18|EPI_ISL_525871|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/Sweden/20-53855/2020|2020-12-09|EPI_ISL_789037|Original|hCoV-19^^Vastra Gotalandsregionen|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Singapore/1061/2020|2020-08-17|EPI_ISL_583896|original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Spain/CM-IBV-003788/2020|2020-04-02|EPI_ISL_474816|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A6ACCA/2020|2020-10-08|EPI_ISL_608784|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovenia/13456/2020|2020-03-26|EPI_ISL_635265|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/USA/WA-UW-6204/2020|2020-04-01|EPI_ISL_570087|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-OHSU-0035/2020|2020-04-17|EPI_ISL_468083|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/United Arab Emirates/0479/2020|2020-05-18|EPI_ISL_698648|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/NY-NYCPHL-000623/2020|2020-03-12|EPI_ISL_632079|Original|hCoV-19^^New York|Human|NYU Langone Health|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-ACDD95/2020|2020-10-21|EPI_ISL_630195|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-170F85/2020|2020-03-27|EPI_ISL_459551|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15945/2020|2020-11-28|EPI_ISL_739381|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Portugal/PT1899/2020|2020-11-23|EPI_ISL_732113|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-6358/2020|2020-07-05|EPI_ISL_547415|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B07217/2020|2020-10-29|EPI_ISL_643904|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IrsiCaixa-spl42/2020|2020-03-24|EPI_ISL_462448|Original|hCoV-19^^Catalunya|Human|Fundaci\u00f3 Lluita contra la SIDA (FLSida)/Hospital Universitari Germans Trias i Pujol|IrsiCaixa AIDS Research Lab|Noguera-Julian|Spain

>Spike|hCoV-19/USA/NY-Wadsworth-214818-01/2020|2020-09-10|EPI_ISL_677671|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Peru/ANC-INS-083/2020|2020-06-30|EPI_ISL_536482|Original|hCoV-19^^Ancash|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/England/BRIS-126759/2020|2020-04-09|EPI_ISL_459054|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-380224/2020|2020-11-23|EPI_ISL_721757|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-169778/2020|2020-07-24|EPI_ISL_512509|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0066/2020|2020-02-15|EPI_ISL_479824|Original|hCoV-19^^Kyusyu|Human|Kumamoto Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9FD8D8/2020|2020-10-02|EPI_ISL_587735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11843/2020|2020-10-26|EPI_ISL_671169|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9BC95A/2020|2020-09-09|EPI_ISL_568209|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42199777/2020|2020-03-20|EPI_ISL_528249|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Japan/PG-4568/2020|2020-07-00|EPI_ISL_689705|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B74C53/2020|2020-11-12|EPI_ISL_662228|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A5D4/2020|2020-11-15|EPI_ISL_673580|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9CE5CA/2020|2020-09-17|EPI_ISL_590160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020305746/2020|2020-08-21|EPI_ISL_542046|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Japan/PG-0325/2020|2020-03-23|EPI_ISL_480000|Original|hCoV-19^^HokurikuShinsyu|Human|Nagano Environmental Conservation Research Institute|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-EAEB7/2020|2020-04-30|EPI_ISL_457390|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002561/2020|2020-07-30|EPI_ISL_535429|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-8125/2020|2020-08-00|EPI_ISL_687224|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A3EE3/2020|2020-12-12|EPI_ISL_764641|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002451/2020|2020-07-18|EPI_ISL_518039|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/DRC/4430/2020|2020-04-29|EPI_ISL_496509|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/United Arab Emirates/0272/2020|2020-05-18|EPI_ISL_698453|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-490FD7/2020|2020-11-16|EPI_ISL_706597|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7ABF1/2020|2020-04-09|EPI_ISL_433851|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0238/2020|2020-07-10|EPI_ISL_569944|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/QEUEH-C3240D/2020|2020-12-11|EPI_ISL_782506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B245EE/2020|2020-11-04|EPI_ISL_647104|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A93BE9/2020|2020-10-19|EPI_ISL_611148|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-990A2/2020|2020-04-07|EPI_ISL_439690|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21479/2020|2020-07-16|EPI_ISL_516206|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/BRIS-12292A/2020|2020-04-02|EPI_ISL_440625|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012592318/2020|2020-08-17|EPI_ISL_745487|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-CBF22C/2020|2020-12-20|EPI_ISL_778166|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/CAM-IZSM-119242/2020|2020-08-26|EPI_ISL_738126|Original|hCoV-19^^Campania|Human|IZSM-U.O.C. Virologia|Istituto Zooprofilattico Sperimentale del Mezzogiorno|Viscardi|Italy

>Spike|hCoV-19/England/CAMC-9451B8/2020|2020-07-15|EPI_ISL_556743|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9AE5B1/2020|2020-09-01|EPI_ISL_577360|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03741/2020|2020-11-00|EPI_ISL_775209|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/UT-UPHL-201131032/2020|2020-10-06|EPI_ISL_634928|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB897/2020|2020-04-07|EPI_ISL_470016|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33909/2020|2020-04-16|EPI_ISL_446765|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FFD40/2020|2020-10-02|EPI_ISL_600358|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/STA-RII-MH2786S/2020|2020-09-19|EPI_ISL_602451|Original|hCoV-19^^Stavropol|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/SHEF-C85AB/2020|2020-05-01|EPI_ISL_457628|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AD1684/2020|2020-10-26|EPI_ISL_649683|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11127/2020|2020-11-02|EPI_ISL_669816|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC10068/2020|2020-08-20|EPI_ISL_562784|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS5091746/2020|2020-11-22|EPI_ISL_744183|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/LOND-D3868/2020|2020-04-02|EPI_ISL_440997|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2914A/2020|2020-04-03|EPI_ISL_445486|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-CC22DB/2020|2020-12-21|EPI_ISL_778088|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-943F92/2020|2020-06-07|EPI_ISL_554741|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7232/2020|2020-11-00|EPI_ISL_740624|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/UT-01229/2020|2020-04-08|EPI_ISL_436912|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NORT-281418/2020|2020-03-14|EPI_ISL_488826|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A95D96/2020|2020-10-20|EPI_ISL_624685|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3925/2020|2020-07-00|EPI_ISL_692176|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/ZH-ETHZ-220038/2020|2020-07-29|EPI_ISL_512019|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/NSW702/2020|2020-07-25|EPI_ISL_513345|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-49F7EF/2020|2020-12-08|EPI_ISL_743271|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12401/2020|2020-11-16|EPI_ISL_682582|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012519731/2020|2020-07-27|EPI_ISL_745689|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NORT-1B6C031/2020|2020-10-02|EPI_ISL_611643|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/VS-ETHZ-410052/2020|2020-12-17|EPI_ISL_737841|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Germany/HH-hpi-p1429/2020|2020-03-09|EPI_ISL_775950|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-48B86B/2020|2020-10-30|EPI_ISL_666291|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1423/2020|2020-12-14|EPI_ISL_779089|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Belgium/ULG-10498/2020|2020-09-23|EPI_ISL_581660|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMB-1BB7D1/2020|2020-11-19|EPI_ISL_665021|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0813/2020|2020-05-22|EPI_ISL_514159|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B484E7/2020|2020-11-07|EPI_ISL_649268|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16558/2020|2020-11-16|EPI_ISL_714836|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14292/2020|2020-11-30|EPI_ISL_711291|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC15617/2020|2020-07-29|EPI_ISL_593378|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E88D0/2020|2020-09-24|EPI_ISL_637579|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-192909-01/2020|2020-07-27|EPI_ISL_676665|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-B4181F/2020|2020-11-08|EPI_ISL_658620|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0203/2020|2020-11-20|EPI_ISL_747438|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Spain/MD-IBV-99008761/2020|2020-10-20|EPI_ISL_654316|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A6DE0D/2020|2020-10-15|EPI_ISL_607017|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20128090902/2020|2020-03-18|EPI_ISL_420483|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/HI-H200586/2020|2020-11-05|EPI_ISL_753112|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/LA-GBCL-26492453/2020|2020-04-28|EPI_ISL_485031|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Australia/VIC16497/2020|2020-07-25|EPI_ISL_640339|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-7D7DC/2020|2020-04-06|EPI_ISL_442250|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORT-29EE0B/2020|2020-05-11|EPI_ISL_493538|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-5CAC18/2020|2020-06-19|EPI_ISL_558600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19136/2020|2020-12-07|EPI_ISL_748774|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AC8222/2020|2020-10-22|EPI_ISL_629498|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3317/2020|2020-06-10|EPI_ISL_544127|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1103/2020|2020-05-03|EPI_ISL_463593|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC86/2020|2020-03-15|EPI_ISL_419796|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p2146/2020|2020-03-28|EPI_ISL_776378|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-BB5676/2020|2020-11-20|EPI_ISL_701717|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-125198/2020|2020-12-27|EPI_ISL_779811|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/LOND-12670B7/2020|2020-12-10|EPI_ISL_741252|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Norway/3574/2020|2020-07-31|EPI_ISL_590950|Original|hCoV-19^^Norway|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/TX-HMH-MCoV-18487/2020|2020-11-18|EPI_ISL_784835|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/GA-QDX-240/2020|2020-04-27|EPI_ISL_498717|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A2E345/2020|2020-10-05|EPI_ISL_586653|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21121/2020|2020-12-21|EPI_ISL_759564|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-112AEE/2020|2020-04-24|EPI_ISL_493585|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11140/2020|2020-12-19|EPI_ISL_737384|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH0315/2020|2020-03-28|EPI_ISL_434931|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BC7AFD/2020|2020-11-23|EPI_ISL_721388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165897/2020|2020-06-05|EPI_ISL_490735|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006154/2020|2020-04-05|EPI_ISL_537301|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Belgium/regal-12111349/2020|2020-12-11|EPI_ISL_738402|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-B22F5B/2020|2020-11-02|EPI_ISL_647396|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10FB5A/2020|2020-04-07|EPI_ISL_432690|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-96F1F4/2020|2020-08-17|EPI_ISL_530616|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1801/2020|2020-04-14|EPI_ISL_590803|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/ALDP-B24399/2020|2020-11-04|EPI_ISL_646920|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC497/2020|2020-03-23|EPI_ISL_426770|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6539/2020|2020-08-00|EPI_ISL_687653|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT1645/2020|2020-11-17|EPI_ISL_731920|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Germany/HH-hpi-pl456/2020|2020-03-11|EPI_ISL_775971|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/VIC17276/2020|2020-08-01|EPI_ISL_663817|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48C69D/2020|2020-11-09|EPI_ISL_666455|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18380/2020|2020-12-07|EPI_ISL_749929|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002785/2020|2020-08-24|EPI_ISL_529779|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH890/2020|2020-05-24|EPI_ISL_513039|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Scotland/EDB8748/2020|2020-10-25|EPI_ISL_651990|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/QEUA-B40160/2020|2020-11-08|EPI_ISL_657187|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-997BAA/2020|2020-08-28|EPI_ISL_549543|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20904/2020|2020-12-21|EPI_ISL_759437|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-5189/2020|2020-04-01|EPI_ISL_430873|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-16353/2020|2020-11-16|EPI_ISL_714718|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BY-MVP-0192/2020|2020-04-15|EPI_ISL_466882|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/ALDP-A6E437/2020|2020-10-15|EPI_ISL_607961|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7CBC2/2020|2020-04-04|EPI_ISL_442303|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-99CBF0/2020|2020-08-30|EPI_ISL_549911|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-458/2020|2020-09-12|EPI_ISL_729741|Original|hCoV-19^^Connecticut|Human|Connecticut Department of Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-8499/2020|2020-10-26|EPI_ISL_625917|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A20774/2020|2020-10-01|EPI_ISL_587701|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/CD-030679/2020|2020-03-06|EPI_ISL_420335|Original|hCoV-19^^Bierset|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/France/PAC-IHU-1427/2020|2020-08-10|EPI_ISL_569161|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-C3CF99/2020|2020-12-10|EPI_ISL_731077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-CDC-2-3714462/2020|2020-11-18|EPI_ISL_751748|Original|hCoV-19^^Idaho|Human|ID Bureau of Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-16493/2020|2020-11-16|EPI_ISL_714445|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/Vs-ETHZ-410638/2020|2020-12-09|EPI_ISL_737860|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B6370B/2020|2020-11-09|EPI_ISL_656483|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201101383/2020|2020-03-09|EPI_ISL_464661|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200651/2020|2020-06-18|EPI_ISL_631418|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-95AB0D/2020|2020-06-11|EPI_ISL_554994|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/CU-CTG-38/2020|2020-12-04|EPI_ISL_735498|Original|hCoV-19^^Chittagong|Human|University of Chittagong|Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology|Faruque|Bangladesh

>Spike|hCoV-19/England/QEUH-AAEB36/2020|2020-10-20|EPI_ISL_652986|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Gibraltar/204421214/2020|2020-10-27|EPI_ISL_613675|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Denmark/DCGC-6008/2020|2020-09-21|EPI_ISL_621117|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR1874/2020|2020-04-07|EPI_ISL_484520|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/SHEF-C1DD7/2020|2020-06-22|EPI_ISL_493670|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-9F37A8/2020|2020-09-26|EPI_ISL_588479|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1957/2020|2020-05-06|EPI_ISL_486229|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21505/2020|2020-03-31|EPI_ISL_516232|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22323/2020|2020-11-10|EPI_ISL_708299|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/20120054804/2020|2020-03-16|EPI_ISL_465726|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48CB70/2020|2020-10-31|EPI_ISL_666513|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-876/2020|2020-03-19|EPI_ISL_582352|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/ALDP-B7729A/2020|2020-11-12|EPI_ISL_662502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C3333C/2020|2020-12-11|EPI_ISL_734121|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5279/2020|2020-07-17|EPI_ISL_520044|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15789/2020|2020-07-10|EPI_ISL_785473|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-9DD8FC/2020|2020-09-21|EPI_ISL_599589|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B7C040/2020|2020-11-14|EPI_ISL_668174|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A41018/2020|2020-10-05|EPI_ISL_609517|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG392969/2020|2020-06-18|EPI_ISL_694709|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC2399/2020|2020-06-26|EPI_ISL_522115|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1176/2020|2020-05-05|EPI_ISL_463666|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-5851/2020|2020-06-29|EPI_ISL_547062|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-ACTREC-236/2020|2020-07-05|EPI_ISL_699889|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/LIVE-DB7C34/2020|2020-10-28|EPI_ISL_651181|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-561/2020|2020-08-29|EPI_ISL_700206|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Australia/VIC7339/2020|2020-08-07|EPI_ISL_564348|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B2FC93/2020|2020-11-03|EPI_ISL_659746|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC355/2020|2020-04-09|EPI_ISL_430382|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/CA-SR0455/2020|2020-03-16|EPI_ISL_467978|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-11018/2020|2020-11-02|EPI_ISL_670347|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2A677/2020|2020-04-07|EPI_ISL_445601|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/France/ARA78518/2020|2020-09-26|EPI_ISL_639993|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Switzerland/SO-ETHZ-321530/2020|2020-10-15|EPI_ISL_603739|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-15762/2020|2020-11-23|EPI_ISL_714006|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1096/2020|2020-05-01|EPI_ISL_463586|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Japan/PG-6261/2020|2020-08-00|EPI_ISL_689372|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5299/2020|2020-09-14|EPI_ISL_615230|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-108CD6/2020|2020-10-05|EPI_ISL_627552|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3485994/2020|2020-11-19|EPI_ISL_740315|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/PORT-2EA204/2020|2020-11-11|EPI_ISL_665348|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4322/2020|2020-03-31|EPI_ISL_427261|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR3827/2020|2020-05-29|EPI_ISL_478153|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1793/2020|2020-03-19|EPI_ISL_776163|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUA-8854C3/2020|2020-07-23|EPI_ISL_532752|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2004220708/2020|2020-04-22|EPI_ISL_710144|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Japan/PG-2817/2020|2020-04-00|EPI_ISL_690944|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-0460/2020|2020-03-24|EPI_ISL_495366|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-B56D45/2020|2020-11-04|EPI_ISL_656879|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-380290/2020|2020-11-25|EPI_ISL_721879|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BL-ETHZ-170007/2020|2020-06-26|EPI_ISL_486522|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Norway/3713/2020|2020-09-18|EPI_ISL_635119|Original|hCoV-19^^Viken|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Austria/CeMM0795/2020|2020-05-18|EPI_ISL_583705|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Belgium/ULG-10492/2020|2020-09-23|EPI_ISL_581654|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/United Arab Emirates/L0184/2020|2020-02-25|EPI_ISL_435121|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Australia/VIC16153/2020|2020-08-06|EPI_ISL_640427|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-95224C/2020|2020-06-09|EPI_ISL_553689|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0791/2020|2020-04-07|EPI_ISL_512595|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/20149055304/2020|2020-04-05|EPI_ISL_466220|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-BA16F5/2020|2020-11-18|EPI_ISL_719782|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C84F9/2020|2020-06-13|EPI_ISL_484473|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18499/2020|2020-12-07|EPI_ISL_749336|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20652/2020|2020-04-24|EPI_ISL_462734|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-331073/2020|2020-10-20|EPI_ISL_614968|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-BCCD68/2020|2020-11-26|EPI_ISL_710813|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E578B/2020|2020-09-24|EPI_ISL_589373|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9553CE/2020|2020-06-12|EPI_ISL_553569|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1108-SAN/2020|2020-06-25|EPI_ISL_483532|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-C3026F/2020|2020-12-07|EPI_ISL_782781|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2214/2020|2020-03-21|EPI_ISL_500668|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/USA/NY-NYUMC636/2020|2020-04-02|EPI_ISL_444753|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Switzerland/UR-ETHZ-210068/2020|2020-07-21|EPI_ISL_510799|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH0202/2020|2020-03-24|EPI_ISL_434877|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS4757989/2020|2020-04-15|EPI_ISL_434498|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-B3ADFC/2020|2020-11-01|EPI_ISL_679732|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D2020-4418/2020|2020-10-11|EPI_ISL_753903|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/SHEF-C775B/2020|2020-09-17|EPI_ISL_573713|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/MILK-95999B/2020|2020-06-08|EPI_ISL_568470|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S390/2020|2020-03-30|EPI_ISL_591140|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Canada/QC-LSPQ-L00236367/2020|2020-03-24|EPI_ISL_536124|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/LIVE-AA800/2020|2020-03-24|EPI_ISL_517507|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1386/2020|2020-03-16|EPI_ISL_572175|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-QATIF1353/2020|2020-06-20|EPI_ISL_678154|Original|hCoV-19^^Qatif|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-17112/2020|2020-12-14|EPI_ISL_750763|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S638/2020|2020-04-17|EPI_ISL_438191|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Japan/PG-3485/2020|2020-07-00|EPI_ISL_691595|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-483292/2020|2020-10-11|EPI_ISL_627266|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4CAC/2020|2020-12-09|EPI_ISL_763658|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13224/2020|2020-08-25|EPI_ISL_788375|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG486040/2020|2020-07-09|EPI_ISL_695081|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-B667EA/2020|2020-11-10|EPI_ISL_655041|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012367/2020|2020-11-22|EPI_ISL_779968|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/LA-BIE-068/2020|2020-04-04|EPI_ISL_455621|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/England/QEUEH-BA34F9/2020|2020-11-18|EPI_ISL_721111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9DE6F1/2020|2020-09-21|EPI_ISL_601201|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C9E6/2020|2020-04-06|EPI_ISL_442074|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E2B1/2020|2020-10-06|EPI_ISL_586825|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8D98C/2020|2020-12-15|EPI_ISL_777458|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012471033/2020|2020-11-30|EPI_ISL_746860|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Wales/PHWC-16D8CC/2020|2020-09-17|EPI_ISL_577460|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A69D04/2020|2020-10-09|EPI_ISL_608828|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0783-SAN/2020|2020-04-07|EPI_ISL_483355|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LOND-1262A72/2020|2020-10-11|EPI_ISL_594885|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-992CAC/2020|2020-08-26|EPI_ISL_552052|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0451/2020|2020-03-00|EPI_ISL_684171|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B56CA2/2020|2020-11-05|EPI_ISL_656846|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-344E9/2020|2020-04-16|EPI_ISL_446932|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-773ED/2020|2020-03-31|EPI_ISL_439495|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15663/2020|2020-07-09|EPI_ISL_785347|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A46E37/2020|2020-10-06|EPI_ISL_598459|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1807556/2020|2020-07-15|EPI_ISL_739995|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/VC-FISABIO-218/2020|2020-03-25|EPI_ISL_436313|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/AR-CDC-4191/2020|2020-07-08|EPI_ISL_509674|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-10349/2020|2020-05-08|EPI_ISL_636573|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/204241000/2020|2020-10-14|EPI_ISL_609894|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DCDFE/2020|2020-09-21|EPI_ISL_581033|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-6980/2020|2020-03-00|EPI_ISL_418356|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/England/MILK-BB064E/2020|2020-11-17|EPI_ISL_720415|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9603/2020|2020-04-15|EPI_ISL_672027|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-9C72E8/2020|2020-09-08|EPI_ISL_573294|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-A6AD6D/2020|2020-10-08|EPI_ISL_608727|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C7A9E/2020|2020-05-12|EPI_ISL_479230|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-6BEF68/2020|2020-07-01|EPI_ISL_557749|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410527/2020|2020-11-26|EPI_ISL_737919|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-498625/2020|2020-12-03|EPI_ISL_727102|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/PA-QDX-1061/2020|2020-03-18|EPI_ISL_571821|Original|hCoV-19^^Pennsylvania|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR1630/2020|2020-04-05|EPI_ISL_512444|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF5AD9/2020|2020-10-30|EPI_ISL_663039|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-119B6C/2020|2020-11-04|EPI_ISL_627068|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B21A1F/2020|2020-11-02|EPI_ISL_647252|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20910/2020|2020-10-01|EPI_ISL_790942|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-CEC156/2020|2020-12-19|EPI_ISL_781205|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_536/2020|2020-00-00|EPI_ISL_460709|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-MDH-1909/2020|2020-10-18|EPI_ISL_613517|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Spain/VC-IBV-98003432/2020|2020-04-02|EPI_ISL_539249|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira)|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-3647/2020|2020-09-17|EPI_ISL_636125|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-99D236/2020|2020-08-30|EPI_ISL_550608|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC565/2020|2020-03-30|EPI_ISL_444682|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/WA-UW-7242/2020|2020-04-07|EPI_ISL_570177|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/OV-EMC-99/2020|2020-09-07|EPI_ISL_722845|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-4823/2020|2020-07-00|EPI_ISL_689947|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV0351v2/2020|2020-05-04|EPI_ISL_644302|Original|hCoV-19^^Wicklow|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/India/TG-CCMB-L912/2020|2020-05-09|EPI_ISL_471644|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-B738AB/2020|2020-11-12|EPI_ISL_662580|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2F361/2020|2020-11-03|EPI_ISL_659876|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F6BDF/2020|2020-12-01|EPI_ISL_706379|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-654/2020|2020-09-14|EPI_ISL_700284|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/CA-ALSR-3782/2020|2020-05-28|EPI_ISL_636198|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-ACE022/2020|2020-10-21|EPI_ISL_630065|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0523/2020|2020-06-19|EPI_ISL_508726|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MA-MGH-00302/2020|2020-04-01|EPI_ISL_460151|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/CAMC-A82AB3/2020|2020-10-12|EPI_ISL_610815|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE2C15/2020|2020-10-27|EPI_ISL_633430|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EDCF/2020|2020-10-05|EPI_ISL_586976|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7327/2020|2020-10-12|EPI_ISL_619281|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C3194/2020|2020-09-10|EPI_ISL_566723|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2011/2020|2020-10-14|EPI_ISL_677164|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-73448/2020|2020-03-22|EPI_ISL_439994|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15251/2020|2020-11-23|EPI_ISL_713720|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/ACT0064/2020|2020-03-31|EPI_ISL_498526|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/USA/TX-HMH-7742/2020|2020-06-30|EPI_ISL_545612|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-AABFE2/2020|2020-10-21|EPI_ISL_652842|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B2288D/2020|2020-11-01|EPI_ISL_647314|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-259A1D0/2020|2020-05-21|EPI_ISL_488838|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3C853/2020|2020-11-01|EPI_ISL_706162|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012303079/2020|2020-08-08|EPI_ISL_745577|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-S2017/2020|2020-06-05|EPI_ISL_497445|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9D9F0A/2020|2020-09-18|EPI_ISL_576826|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1C03/2020|2020-10-22|EPI_ISL_630874|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1277/2020|2020-03-15|EPI_ISL_454635|Original|hCoV-19^^California|Human|County Of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/MILK-B975AA/2020|2020-11-14|EPI_ISL_674825|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8774/2020|2020-08-00|EPI_ISL_686368|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/TKY10466/2020|2020-04-00|EPI_ISL_462443|unknown|hCoV-19^^Japan|Human|unknown|Ryota Kumagai Tokyo Metropolitan Institute of Public Health|Submitter|Japan

>Spike|hCoV-19/Australia/VIC16229/2020|2020-08-10|EPI_ISL_641109|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012706136/2020|2020-08-13|EPI_ISL_745998|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MN-CDC-6312/2020|2020-05-11|EPI_ISL_527699|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC5018/2020|2020-07-18|EPI_ISL_519822|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A92E78/2020|2020-10-20|EPI_ISL_611005|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75CC6/2020|2020-03-28|EPI_ISL_438481|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC9827/2020|2020-08-15|EPI_ISL_565735|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3994/2020|2020-07-00|EPI_ISL_692235|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC14972/2020|2020-08-19|EPI_ISL_593086|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-9DF3DB/2020|2020-09-20|EPI_ISL_638404|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LOND-12644FA/2020|2020-11-16|EPI_ISL_705965|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/NORW-EB4F0/2020|2020-05-01|EPI_ISL_457438|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0190/2020|2020-11-21|EPI_ISL_747426|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Netherlands/UT-RIVM-20137/2020|2020-11-24|EPI_ISL_723308|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/LIVE-DC437B/2020|2020-11-14|EPI_ISL_704033|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-41/2020|2020-03-16|EPI_ISL_579517|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Denmark/DCGC-20192/2020|2020-11-30|EPI_ISL_748040|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7C870/2020|2020-04-04|EPI_ISL_442061|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486129/2020|2020-10-25|EPI_ISL_628310|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-CB3EE8/2020|2020-12-17|EPI_ISL_761144|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22561/2020|2020-12-14|EPI_ISL_757637|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10CCDD9/2020|2020-12-13|EPI_ISL_727913|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/IL-QDX-279/2020|2020-03-19|EPI_ISL_571030|Original|hCoV-19^^Illinois|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-Wadsworth-192894-01/2020|2020-07-06|EPI_ISL_677022|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-A3F0C2/2020|2020-10-05|EPI_ISL_609580|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB789/2020|2020-04-03|EPI_ISL_433245|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/IC-0541/2020|2020-10-00|EPI_ISL_779224|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC6566/2020|2020-07-17|EPI_ISL_521332|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/KRISP-0202/2020|2020-06-11|EPI_ISL_482717|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUAH-96C6F8/2020|2020-08-07|EPI_ISL_530875|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A67656/2020|2020-10-12|EPI_ISL_630575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18257/2020|2020-12-14|EPI_ISL_749845|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/205180413/2020|2020-12-16|EPI_ISL_766453|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201208274/2020|2020-04-07|EPI_ISL_678517|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-1517/2020|2020-05-13|EPI_ISL_468463|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Australia/VIC2806/2020|2020-07-02|EPI_ISL_521637|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9CDEB1/2020|2020-09-15|EPI_ISL_566233|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/29M60S2/2020|2020-03-29|EPI_ISL_481647|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUH-9F5E38/2020|2020-09-27|EPI_ISL_588453|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3898/2020|2020-07-24|EPI_ISL_548493|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Luxembourg/LNS4229406/2020|2020-11-02|EPI_ISL_740434|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Singapore/812/2020|2020-08-11|EPI_ISL_516812|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Luxembourg/LNS2500324/2020|2020-10-09|EPI_ISL_740131|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-15179/2020|2020-11-23|EPI_ISL_713230|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-11369/2020|2020-09-05|EPI_ISL_790000|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A811DD/2020|2020-10-13|EPI_ISL_610800|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-80B61/2020|2020-04-11|EPI_ISL_442865|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/SHEF-C2028/2020|2020-04-02|EPI_ISL_432741|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DD36/2020|2020-09-28|EPI_ISL_577526|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-468/2020|2020-12-11|EPI_ISL_770702|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcrsselfeldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/QEUH-B9EFA5/2020|2020-11-18|EPI_ISL_719646|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0418/2020|2020-03-18|EPI_ISL_467952|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-786/2020|2020-03-30|EPI_ISL_614443|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-292797-01/2020|2020-12-24|EPI_ISL_769962|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUA-95FD11/2020|2020-08-07|EPI_ISL_531874|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48653C/2020|2020-10-30|EPI_ISL_639053|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-487/2020|2020-08-11|EPI_ISL_763146|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9C4B95/2020|2020-09-11|EPI_ISL_567737|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2FE9E/2020|2020-10-05|EPI_ISL_587088|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51437/2020|2020-10-08|EPI_ISL_597893|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBD393/2020|2020-10-27|EPI_ISL_664468|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648675/2020|2020-04-27|EPI_ISL_695890|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/204180128/2020|2020-09-28|EPI_ISL_583973|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012250113/2020|2020-11-30|EPI_ISL_779299|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Japan/PG-2598/2020|2020-04-00|EPI_ISL_690732|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9DFA03/2020|2020-09-21|EPI_ISL_576922|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A78063/2020|2020-10-14|EPI_ISL_638952|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Sweden/20-09865/2020|2020-11-10|EPI_ISL_661277|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMB-765BB/2020|2020-03-30|EPI_ISL_438538|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORT-284B4D/2020|2020-03-25|EPI_ISL_478578|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WA-S1392/2020|2020-05-19|EPI_ISL_495842|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A6FE65/2020|2020-10-15|EPI_ISL_608333|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-135696/2020|2020-04-03|EPI_ISL_457084|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC139/2020|2020-04-12|EPI_ISL_475617|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21923/2020|2020-04-08|EPI_ISL_565983|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/CVR475/2020|2020-03-23|EPI_ISL_439081|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98008085/2020|2020-09-30|EPI_ISL_654454|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-9B8A5B/2020|2020-09-07|EPI_ISL_549725|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EAC26/2020|2020-05-10|EPI_ISL_457364|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14940/2020|2020-11-29|EPI_ISL_738737|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Netherlands/ZH-RIVM-20845/2020|2020-12-13|EPI_ISL_790900|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Netherlands/FR-RIVM-20316/2020|2020-12-02|EPI_ISL_723454|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/ME-HETL-J0190/2020|2020-09-17|EPI_ISL_755367|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/ALDP-BC86F8/2020|2020-11-23|EPI_ISL_721505|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB86A/2020|2020-09-16|EPI_ISL_575420|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAFA46/2020|2020-11-17|EPI_ISL_783316|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-12211-01/2020|2020-03-09|EPI_ISL_525591|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Luxembourg/LNS6807787/2020|2020-08-20|EPI_ISL_744472|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NORT-1B6BF35/2020|2020-09-25|EPI_ISL_612554|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14317/2020|2020-10-06|EPI_ISL_787602|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-MEPHI-2161/2020|2020-09-30|EPI_ISL_644518|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Spain/VC-FISABIO-656/2020|2020-03-31|EPI_ISL_455730|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico

Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/India/MH-ACTREC-195/2020|2020-06-22|EPI_ISL_699849|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/England/MILK-BE6FEA/2020|2020-11-29|EPI_ISL_709852|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18202/2020|2020-12-14|EPI_ISL_749812|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Switzerland/BL-42329662/2020|2020-06-26|EPI_ISL_581875|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/Denmark/DCGC-17616/2020|2020-12-14|EPI_ISL_750377|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Japan/PG-6757/2020|2020-08-00|EPI_ISL_687867|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/NY-Wadsworth-63708-01/2020|2020-04-22|EPI_ISL_676870|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Switzerland/UR-ETHZ-300472/2020|2020-09-30|EPI_ISL_603419|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Spain/RI-IBV-98002307/2020|2020-03-10|EPI_ISL_537830|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/England/MILK-B3DFF3/2020|2020-11-01|EPI_ISL_679840|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Jordan/AM-ALSR-4006/2020|2020-10-03|EPI_ISL_636369|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/England/20134064004/2020|2020-03-23|EPI_ISL_423150|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Spain/CT-IBV-97009565/2020|2020-07-28|EPI_ISL_671862|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Japan/PG-2457/2020|2020-04-00|EPI_ISL_686062|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/TX-HMH-3796/2020|2020-06-15|EPI_ISL_543200|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/CAMC-A57BE1/2020|2020-10-08|EPI_ISL_597320|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-QDX-881/2020|2020-03-16|EPI_ISL_571682|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Hong Kong/HKU-200723-073/2020|2020-03-18|EPI_ISL_497840|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China
>Spike|hCoV-19/USA/WA-S2732/2020|2020-07-12|EPI_ISL_525722|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Australia/VIC13122/2020|2020-07-28|EPI_ISL_563622|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-13866/2020|2020-11-30|EPI_ISL_713069|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WI-WSLH-200372/2020|2020-04-22|EPI_ISL_578541|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease

Division|Wisconsin State Laboratory of Hygiene Communicable Disease
Division|Florek|USA
>Spike|hCoV-19/USA/WA-S1984/2020|2020-06-04|EPI_ISL_497412|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/MILK-A6AEC4/2020|2020-10-09|EPI_ISL_608765|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-9979/2020|2020-11-09|EPI_ISL_669306|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-A40E88/2020|2020-10-07|EPI_ISL_609439|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-47E722/2020|2020-09-28|EPI_ISL_595494|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMC-AAFD11/2020|2020-10-21|EPI_ISL_623288|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/New Zealand/20VR2650/2020|2020-00-00|EPI_ISL_579318|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/India/TG-CCMB-OM22/2020|2020-09-20|EPI_ISL_644716|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spike|hCoV-19/Wales/PHWC-34768/2020|2020-04-20|EPI_ISL_446970|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/India/GJ-GBRC-368a/2020|2020-06-18|EPI_ISL_524723|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/USA/NY-PV09416/2020|2020-03-13|EPI_ISL_450096|Original|hCoV-19^^New York|Human|MSSH Clinical Microbiology Laboratories|MSSH Pathogen Surveillance Program|van Bakel|USA
>Spike|hCoV-19/England/QEUEH-A0B153/2020|2020-10-01|EPI_ISL_599242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B073BA/2020|2020-10-30|EPI_ISL_643657|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-6574/2020|2020-09-00|EPI_ISL_687686|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-485649/2020|2020-10-22|EPI_ISL_628201|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/GCVR-17136A/2020|2020-03-26|EPI_ISL_459716|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-A1FC79/2020|2020-10-01|EPI_ISL_587692|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-AD0E41/2020|2020-10-26|EPI_ISL_633888|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LOND-1262E85/2020|2020-10-17|EPI_ISL_627082|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/USA/NY-NYUMC267/2020|2020-04-06|EPI_ISL_428781|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-15900/2020|2020-11-23|EPI_ISL_713272|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/RJ-1902/2020|2020-04-09|EPI_ISL_456090|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Australia/TAS50/2020|2020-04-09|EPI_ISL_522725|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CDPH146/2020|2020-09-26|EPI_ISL_754979|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Australia/VIC10020/2020|2020-08-24|EPI_ISL_562765|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DC4478/2020|2020-11-14|EPI_ISL_702935|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/203690368/2020|2020-09-05|EPI_ISL_534729|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-923/2020|2020-00-00|EPI_ISL_561330|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/NC_200241/2020|2020-03-00|EPI_ISL_454799|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/USA/LA-EVTL451/2020|2020-06-20|EPI_ISL_578855|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-C71D70/2020|2020-12-15|EPI_ISL_768921|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-23406B/2020|2020-10-16|EPI_ISL_680339|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1113/2020|2020-06-11|EPI_ISL_513117|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/AZ-TG491598/2020|2020-06-24|EPI_ISL_695185|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/20166017804/2020|2020-04-16|EPI_ISL_466543|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_10/2020|2020-04-07|EPI_ISL_645009|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Japan/PG-5172/2020|2020-08-00|EPI_ISL_690275|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYUMC755/2020|2020-03-26|EPI_ISL_451469|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/OXON-B0F7B/2020|2020-04-17|EPI_ISL_478982|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33101/2020|2020-04-14|EPI_ISL_446739|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/South Africa/L00166/2020|2020-07-27|EPI_ISL_622978|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/New Zealand/20CV0588/2020|2020-11-19|EPI_ISL_661262|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/LIVE-DC4C70/2020|2020-11-11|EPI_ISL_702687|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC11753/2020|2020-07-22|EPI_ISL_563484|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-PHL-20-03749/2020|2020-11-00|EPI_ISL_775108|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Switzerland/ZH-ETHZ-380358/2020|2020-11-22|EPI_ISL_721942|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-9D5496/2020|2020-09-19|EPI_ISL_577061|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/UT-08620/2020|2020-05-26|EPI_ISL_524360|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-0960/2020|2020-04-00|EPI_ISL_684570|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012189893/2020|2020-08-08|EPI_ISL_745786|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1BA7A5/2020|2020-11-15|EPI_ISL_664996|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-AB1329/2020|2020-10-23|EPI_ISL_623798|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ghana/84182_S43/2020|2020-05-25|EPI_ISL_515104|Original|hCoV-19^^Ghana|Human|Department of Biochemistry|WACCBIP|Amuzu|Ghana

>Spike|hCoV-19/Wales/PHWC-16E263/2020|2020-09-30|EPI_ISL_585690|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0813/2020|2020-04-00|EPI_ISL_684423|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC20375/2020|2020-03-24|EPI_ISL_450586|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-C71DCB/2020|2020-12-15|EPI_ISL_769199|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11764/2020|2020-10-26|EPI_ISL_671120|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9984AE/2020|2020-08-24|EPI_ISL_539947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-6208/2020|2020-05-19|EPI_ISL_729833|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/NY-Wadsworth-57117-01/2020|2020-04-20|EPI_ISL_676684|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-16D71A/2020|2020-09-21|EPI_ISL_577437|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-4FFF30/2020|2020-06-25|EPI_ISL_559297|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15658/2020|2020-08-04|EPI_ISL_593399|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9AA281/2020|2020-09-01|EPI_ISL_550803|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-255/2020|2020-06-30|EPI_ISL_523597|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-A6A671/2020|2020-10-11|EPI_ISL_626735|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH2-154/2020|2020-02-28|EPI_ISL_455373|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Spain/AR-ISCI-201782/2020|2020-03-08|EPI_ISL_539515|Original|hCoV-19^^Aragon|Human|Hospital Universitario Miguel Servet|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/France/OCC-SC559/2020|2020-04-20|EPI_ISL_645207|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Sweden/20-53189/2020|2020-10-13|EPI_ISL_648168|Original|hCoV-19^^Sweden|Human|Eskilstuna|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-48E455/2020|2020-11-12|EPI_ISL_680860|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iran/2297/2020|2020-04-13|EPI_ISL_594185|Original|hCoV-19^^Tehran|Human|Department of Pathology|Genetics Research Center|Najmabadi|Iran

>Spike|hCoV-19/Denmark/DCGC-15922/2020|2020-11-23|EPI_ISL_714485|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-19314/2020|2020-11-28|EPI_ISL_783755|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DC6E4B/2020|2020-11-24|EPI_ISL_705927|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-DC7DB6/2020|2020-11-17|EPI_ISL_702769|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493C91/2020|2020-11-20|EPI_ISL_726007|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B8E719/2020|2020-11-13|EPI_ISL_674130|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15864/2020|2020-07-10|EPI_ISL_785548|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B859C1/2020|2020-11-14|EPI_ISL_675756|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6DDC4/2020|2020-10-15|EPI_ISL_607074|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100021189/2020|2020-11-21|EPI_ISL_771328|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Ukraine/203100343/2020|2020-05-27|EPI_ISL_512622|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/USA/FL-BPHL-2081/2020|2020-07-29|EPI_ISL_653234|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-788/2020|2020-10-14|EPI_ISL_632657|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-8215/2020|2020-08-00|EPI_ISL_687314|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG513425/2020|2020-07-15|EPI_ISL_695309|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/India/WB-S19/2020|2020-04-20|EPI_ISL_455649|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/MI-MDHHS-SC22602/2020|2020-11-23|EPI_ISL_737175|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Russia/CRIE5027243/2020|2020-07-16|EPI_ISL_534340|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Speranskaya|Russia

>Spike|hCoV-19/England/MILK-BB25D6/2020|2020-11-18|EPI_ISL_720225|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1360/2020|2020-04-21|EPI_ISL_494568|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/Vs-ETHZ-320189/2020|2020-10-10|EPI_ISL_737822|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-LACPHL-AA00036/2020|2020-10-13|EPI_ISL_710416|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/ALDP-9BE457/2020|2020-09-10|EPI_ISL_567916|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1336/2020|2020-08-19|EPI_ISL_569123|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Northern Ireland/NIRE-FAACF/2020|2020-03-27|EPI_ISL_441714|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004208/2020|2020-04-03|EPI_ISL_510493|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUA-B434CE/2020|2020-11-08|EPI_ISL_657298|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9B54F6/2020|2020-09-07|EPI_ISL_602064|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B6EB/2020|2020-11-08|EPI_ISL_655374|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47FADD/2020|2020-10-05|EPI_ISL_612770|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1697/2020|2020-06-15|EPI_ISL_708625|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CT-UW-685/2020|2020-03-12|EPI_ISL_476931|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/EXET-13F113/2020|2020-12-16|EPI_ISL_764129|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Gibraltar/205000670/2020|2020-12-00|EPI_ISL_709996|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Netherlands/ZH-EMC-306/2020|2020-07-04|EPI_ISL_523648|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Italy/ABR-IZSGC-TE6225/2020|2020-03-23|EPI_ISL_420592|Original|hCoV-19^^Abruzzo|Human|Ospedale Civile Giuseppe Mazzini|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/New Zealand/20VR3198/2020|2020-03-28|EPI_ISL_579484|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Japan/PG-0196/2020|2020-03-19|EPI_ISL_479901|Original|hCoV-19^^Kanto|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUAH-95F9FF/2020|2020-08-06|EPI_ISL_532353|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3219/2020|2020-07-27|EPI_ISL_561052|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/LIVE-DC7062/2020|2020-12-01|EPI_ISL_702558|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2F117/2020|2020-04-06|EPI_ISL_446203|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Hungary/US-32542w/2020|2020-09-02|EPI_ISL_677754|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/MILK-95D7AC/2020|2020-06-19|EPI_ISL_556298|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C5C4/2020|2020-04-06|EPI_ISL_442212|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-A054BA/2020|2020-09-30|EPI_ISL_599931|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C487CF/2020|2020-12-12|EPI_ISL_736522|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F040E/2020|2020-09-24|EPI_ISL_580751|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2167/2020|2020-04-20|EPI_ISL_491496|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F07FF/2020|2020-10-05|EPI_ISL_584740|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Saudi Arabia/86267/2020|2020-03-15|EPI_ISL_469247|Original|hCoV-19^^Jeddah|Human|Special Infectious Agents Unit|Special Infectious Agents Unit|Submitter|Saudi Arabia

>Spike|hCoV-19/USA/TX-HMH-2664/2020|2020-06-05|EPI_ISL_545461|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B75627/2020|2020-11-12|EPI_ISL_662050|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4054/2020|2020-09-14|EPI_ISL_622010|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20170030904/2020|2020-04-13|EPI_ISL_465274|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-3585/2020|2020-06-00|EPI_ISL_691841|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-S1250/2020|2020-05-13|EPI_ISL_586314|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/MILK-9AB208/2020|2020-08-31|EPI_ISL_551084|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B052FB/2020|2020-10-24|EPI_ISL_650237|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-9F95A8/2020|2020-09-27|EPI_ISL_589197|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/BRE-9326/2020|2020-08-11|EPI_ISL_614266|Original|hCoV-19^^Bretagne|Human|Eurofins|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/PORT-2D2B6E/2020|2020-04-04|EPI_ISL_529668|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3803/2020|2020-05-30|EPI_ISL_636210|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-BA0632/2020|2020-11-18|EPI_ISL_719686|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162D8C/2020|2020-05-29|EPI_ISL_473198|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9710/2020|2020-11-09|EPI_ISL_669122|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E9DFE/2020|2020-09-24|EPI_ISL_580109|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4AEB1E/2020|2020-06-14|EPI_ISL_559346|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09480/2020|2020-03-20|EPI_ISL_450152|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/NMDOH-2020174703/2020|2020-07-02|EPI_ISL_542025|Original|hCoV-19^^Texas|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-16674/2020|2020-11-09|EPI_ISL_714906|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22135/2020|2020-10-15|EPI_ISL_614186|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Denmark/DCGC-21434/2020|2020-12-21|EPI_ISL_758164|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-223558-01/2020|2020-09-21|EPI_ISL_765485|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA

>Spike|hCoV-19/England/LOND-D474C/2020|2020-04-09|EPI_ISL_444149|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7346/2020|2020-10-12|EPI_ISL_619312|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT2076/2020|2020-11-13|EPI_ISL_732290|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-982/2020|2020-03-09|EPI_ISL_614578|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0463/2020|2020-03-16|EPI_ISL_475874|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Brazil/RJ-00354/2020|2020-04-30|EPI_ISL_623157|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Russia/SAR-RARI-3187/2020|2020-07-30|EPI_ISL_678274|Original|hCoV-19^^Saratov|Human|Mikrobiologie|Mikrobiologie|Krasnov|Russia

>Spike|hCoV-19/England/BRIS-185413C/2020|2020-04-28|EPI_ISL_492265|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205000648/2020|2020-12-00|EPI_ISL_709983|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Luxembourg/LNS3683612/2020|2020-10-19|EPI_ISL_740357|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-6375/2020|2020-08-00|EPI_ISL_689486|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204720848/2020|2020-11-16|EPI_ISL_686605|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Portugal/PT1942/2020|2020-11-10|EPI_ISL_732170|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-71D87A/2020|2020-07-01|EPI_ISL_557587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95508B/2020|2020-06-12|EPI_ISL_553596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0135/2020|2020-03-21|EPI_ISL_434835|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/IC-0065/2020|2020-06-00|EPI_ISL_591407|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-997D68/2020|2020-08-23|EPI_ISL_537205|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5383/2020|2020-04-15|EPI_ISL_444214|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001172/2020|2020-10-29|EPI_ISL_671752|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Poland/X_348r/2020|2020-06-00|EPI_ISL_509051|Original|hCoV-19^^Lodzkie|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/USA/TX-HMH-MCoV-19486/2020|2020-11-17|EPI_ISL_783870|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-ALFFAD/2020|2020-10-01|EPI_ISL_599120|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7425/2020|2020-07-29|EPI_ISL_564401|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B5E527/2020|2020-11-09|EPI_ISL_723665|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Portugal/PT1224/2020|2020-03-29|EPI_ISL_511767|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-17971/2020|2020-12-14|EPI_ISL_749671|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR2385/2020|2020-04-13|EPI_ISL_477925|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-ACFF51/2020|2020-10-22|EPI_ISL_741356|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4581/2020|2020-03-31|EPI_ISL_515273|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-20665/2020|2020-12-21|EPI_ISL_759285|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17187/2020|2020-12-14|EPI_ISL_750811|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-16251/2020|2020-03-29|EPI_ISL_508907|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-C49825/2020|2020-12-12|EPI_ISL_718873|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D6B1/2020|2020-12-10|EPI_ISL_731598|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09325/2020|2020-03-18|EPI_ISL_450014|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14647/2020|2020-10-10|EPI_ISL_787932|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC5116/2020|2020-07-18|EPI_ISL_519919|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9AB086/2020|2020-08-31|EPI_ISL_551091|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205000535/2020|2020-12-03|EPI_ISL_754359|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00448/2020|2020-04-20|EPI_ISL_717843|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Australia/SAP352/2020|2020-03-23|EPI_ISL_483126|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/204380933/2020|2020-10-17|EPI_ISL_609907|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0068/2020|2020-08-12|EPI_ISL_547977|Original|hCoV-19^^Combined Auckland|Human|LabTests|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Gibraltar/204841737/2020|2020-00-00|EPI_ISL_671304|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Scotland/EDB6607/2020|2020-05-11|EPI_ISL_484682|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-21955/2020|2020-09-22|EPI_ISL_660843|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/ALDP-C3A669/2020|2020-12-09|EPI_ISL_767262|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200696/2020|2020-12-01|EPI_ISL_753218|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/GSTT-265DB25/2020|2020-03-27|EPI_ISL_484067|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-C39B7A/2020|2020-12-09|EPI_ISL_730797|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir3037/2020|2020-03-17|EPI_ISL_729518|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/OXON-B1772/2020|2020-04-16|EPI_ISL_479043|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18047/2020|2020-12-14|EPI_ISL_749722|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-AD71F/2020|2020-00-00|EPI_ISL_448591|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR2231/2020|2020-04-12|EPI_ISL_477876|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-9EBC4A/2020|2020-09-23|EPI_ISL_584408|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-123/2020|2020-05-25|EPI_ISL_699779|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/LEED-2A8484/2020|2020-03-28|EPI_ISL_539169|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2211/2020|2020-10-01|EPI_ISL_644527|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/CA-CZB-3710/2020|2020-07-21|EPI_ISL_548446|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-9D3F00/2020|2020-09-18|EPI_ISL_601697|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC67E6/2020|2020-11-30|EPI_ISL_703611|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035725364/2020|2020-08-31|EPI_ISL_583311|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-C3DDBC/2020|2020-12-10|EPI_ISL_730825|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20088028304/2020|2020-02-20|EPI_ISL_464180|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1358/2020|2020-04-12|EPI_ISL_542668|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/CS-10/2020|2020-05-12|EPI_ISL_665259|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f8vestad|Norway

>Spike|hCoV-19/England/CAMC-94531C/2020|2020-07-15|EPI_ISL_556788|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-960A9E/2020|2020-08-06|EPI_ISL_581418|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0101/2020|2020-07-13|EPI_ISL_682242|Original|hCoV-19^^Heredia|Human|HOSPITAL SAN VICENTE DE PAUL|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Ireland/MH-NVRL-20G49748/2020|2020-04-07|EPI_ISL_681918|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/India/GJ-GBRC272b/2020|2020-06-13|EPI_ISL_483871|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Scotland/QEUA-C33C8C/2020|2020-12-11|EPI_ISL_757154|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B32107/2020|2020-11-04|EPI_ISL_646293|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH694/2020|2020-05-08|EPI_ISL_513180|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-C3AFB9/2020|2020-12-09|EPI_ISL_731796|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1618/2020|2020-03-23|EPI_ISL_456228|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Wales/PHWC-4A2479/2020|2020-12-13|EPI_ISL_743891|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1121/2020|2020-03-28|EPI_ISL_445169|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/LA-EVTL1227/2020|2020-12-16|EPI_ISL_768496|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/NOTT-110A95/2020|2020-04-30|EPI_ISL_441892|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B8EA/2020|2020-12-10|EPI_ISL_731659|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15610/2020|2020-11-23|EPI_ISL_713920|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Romania/ROSV_12812/2020|2020-06-11|EPI_ISL_491049|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/USA/UT-01859/2020|2020-04-13|EPI_ISL_498632|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Argentina/PAIS-A0014/2020|2020-04-01|EPI_ISL_430805|Original|hCoV-19^^Buenos Aires|Human|Departamento de Biología y genética molecular|\u00clrea de Secuenciación del Laboratorio de Virología del Hospital de Niños Dr. Ricardo Gutiérrez|Viegas|Argentina

>Spike|hCoV-19/Singapore/1410/2020|2020-05-14|EPI_ISL_648786|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/MI-MDHHS-SC20916/2020|2020-05-26|EPI_ISL_476052|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NORW-EBA85/2020|2020-05-02|EPI_ISL_457471|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010979/2020|2020-07-11|EPI_ISL_732806|Original|hCoV-19^^La Rioja|Human|Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-3585/2020|2020-06-24|EPI_ISL_636097|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/LA-GBCL-26674721/2020|2020-04-11|EPI_ISL_485249|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/WA-UW-22051/2020|2020-08-03|EPI_ISL_570620|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/OXON-AF759/2020|2020-04-15|EPI_ISL_478768|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-A0C626/2020|2020-10-01|EPI_ISL_584995|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-A57FF4/2020|2020-10-09|EPI_ISL_596988|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EE069/2020|2020-05-08|EPI_ISL_589310|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79D29/2020|2020-04-02|EPI_ISL_441298|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B3CD63/2020|2020-11-01|EPI_ISL_706196|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-SEARCH-5565/2020|2020-11-25|EPI_ISL_755297|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-9E33D4/2020|2020-09-21|EPI_ISL_581332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84722/2020|2020-11-15|EPI_ISL_675187|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-01644/2020|2020-04-07|EPI_ISL_575068|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-BBDD3/2020|2020-11-21|EPI_ISL_705623|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B675EF/2020|2020-11-11|EPI_ISL_676337|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-114660/2020|2020-10-06|EPI_ISL_577184|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1893/2020|2020-07-14|EPI_ISL_613745|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Ireland/KK-NVRL-72IRL50388/2020|2020-08-19|EPI_ISL_578307|Original|hCoV-19^^Kilkenny|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/CAMC-B1FC2D/2020|2020-11-01|EPI_ISL_647658|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10F413/2020|2020-04-02|EPI_ISL_433002|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-AC936A/2020|2020-10-21|EPI_ISL_630237|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03789/2020|2020-11-00|EPI_ISL_775050|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Singapore/533/2020|2020-04-26|EPI_ISL_479489|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine Tan Tock Seng Hospital|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/United Arab Emirates/0759/2020|2020-05-15|EPI_ISL_698905|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUH-AD1095/2020|2020-10-26|EPI_ISL_634723|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B7F872/2020|2020-11-14|EPI_ISL_674763|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20109050806/2020|2020-03-05|EPI_ISL_417269|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-89523F/2020|2020-07-25|EPI_ISL_532731|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-958079/2020|2020-06-10|EPI_ISL_554819|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3889/2020|2020-03-27|EPI_ISL_427202|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-UW-1274/2020|2020-03-17|EPI_ISL_476905|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-S383/2020|2020-03-27|EPI_ISL_434143|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-2449/2020|2020-08-10|EPI_ISL_617409|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CL-IBV-97006152/2020|2020-04-05|EPI_ISL_537299|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-22/2020|2020-09-30|EPI_ISL_682330|Original|hCoV-19^^Free State|Human|NHLs Universitas Academic|UFS Virology|Bester|South Africa

>Spike|hCoV-19/England/MILK-A06158/2020|2020-10-01|EPI_ISL_599856|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4528/2020|2020-07-16|EPI_ISL_518939|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-8596/2020|2020-08-00|EPI_ISL_686192|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG403895/2020|2020-06-23|EPI_ISL_694865|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Italy/VEN-UniVR-58/2020|2020-03-12|EPI_ISL_751368|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/BIRM-65555/2020|2020-10-06|EPI_ISL_594565|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/WA-UW-47123/2020|2020-12-16|EPI_ISL_756229|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/South Korea/KCDC2693/2020|2020-07-04|EPI_ISL_522473|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/India/MH-ACTREC-632/2020|2020-09-12|EPI_ISL_700265|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-16158/2020|2020-10-28|EPI_ISL_785842|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG268417/2020|2020-03-00|EPI_ISL_426508|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|Lemmer|USA

>Spike|hCoV-19/USA/CA-CDPH272/2020|2020-11-15|EPI_ISL_755099|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Netherlands/NA_373/2020|2020-04-08|EPI_ISL_455176|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-MDH-2036/2020|2020-11-03|EPI_ISL_654717|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/20169036004/2020|2020-04-14|EPI_ISL_465240|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0417/2020|2020-12-16|EPI_ISL_755521|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/MILK-B948D1/2020|2020-11-14|EPI_ISL_676184|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CAMC-A824E2/2020|2020-10-10|EPI_ISL_625285|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9407/2020|2020-07-03|EPI_ISL_781104|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-1929/2020|2020-07-08|EPI_ISL_512240|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LIVE-DC9EEE/2020|2020-12-02|EPI_ISL_724353|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11116/2020|2020-11-02|EPI_ISL_670399|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-AE4BCB/2020|2020-10-28|EPI_ISL_649669|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000859/2020|2020-03-26|EPI_ISL_632235|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-BDB892/2020|2020-11-26|EPI_ISL_709743|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A4FED4/2020|2020-10-07|EPI_ISL_597768|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/un-EMC-717/2020|2020-03-19|EPI_ISL_523472|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-10D6D45/2020|2020-12-16|EPI_ISL_742094|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Singapore/135/2020|2020-03-16|EPI_ISL_443227|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-1215/2020|2020-05-18|EPI_ISL_614858|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0638/2020|2020-04-10|EPI_ISL_495310|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Northern Ireland/NIRE-104153/2020|2020-04-14|EPI_ISL_482040|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-300287/2020|2020-10-01|EPI_ISL_603319|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-9CF259/2020|2020-09-15|EPI_ISL_590137|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD0F5D/2020|2020-10-24|EPI_ISL_629947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11F4C5/2020|2020-11-24|EPI_ISL_703776|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-2935C5/2020|2020-06-26|EPI_ISL_499626|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/SHEF-C1FFF/2020|2020-06-11|EPI_ISL_479199|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9FDA4B/2020|2020-10-01|EPI_ISL_587762|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1410/2020|2020-12-11|EPI_ISL_779076|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9264/2020|2020-07-03|EPI_ISL_780546|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1995/2020|2020-04-17|EPI_ISL_653148|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUA-96E8F0/2020|2020-08-19|EPI_ISL_530528|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-340160/2020|2020-10-28|EPI_ISL_721700|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CDC-4687/2020|2020-06-02|EPI_ISL_535665|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUA-BC3FC5/2020|2020-11-24|EPI_ISL_703496|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65931/2020|2020-10-11|EPI_ISL_637363|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2978/2020|2020-08-24|EPI_ISL_616740|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-10EF04/2020|2020-03-29|EPI_ISL_432941|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17165/2020|2020-12-14|EPI_ISL_750797|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A6A662/2020|2020-10-11|EPI_ISL_626824|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-05416/2020|2020-05-30|EPI_ISL_560876|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Luxembourg/LNS5447190/2020|2020-12-24|EPI_ISL_770902|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-BBC4FD/2020|2020-11-18|EPI_ISL_724148|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Singapore/648/2020|2020-04-24|EPI_ISL_493408|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/NY-NYCPHL-000675/2020|2020-03-13|EPI_ISL_632093|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/WA33/2020|2020-03-28|EPI_ISL_470850|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/Japan/PG-4028/2020|2020-07-00|EPI_ISL_692269|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-0655/2020|2020-04-00|EPI_ISL_684265|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S2866/2020|2020-09-20|EPI_ISL_596397|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-21844/2020|2020-12-21|EPI_ISL_757964|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14570/2020|2020-10-09|EPI_ISL_787855|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48C4EE/2020|2020-11-07|EPI_ISL_666436|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20443/2020|2020-12-21|EPI_ISL_759151|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10179/2020|2020-05-09|EPI_ISL_455967|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMB-73484/2020|2020-03-22|EPI_ISL_440231|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00767/2020|2020-04-11|EPI_ISL_791756|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-4834BA/2020|2020-10-12|EPI_ISL_627825|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7024/2020|2020-06-26|EPI_ISL_546443|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-12822/2020|2020-09-30|EPI_ISL_648473|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/India/DL-IGIB11305020/2020|2020-07-00|EPI_ISL_751293|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/Sweden/20-53166/2020|2020-10-19|EPI_ISL_648176|Original|hCoV-19^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Japan/PG-4946/2020|2020-08-00|EPI_ISL_690065|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/GSTT-265DD6B/2020|2020-03-28|EPI_ISL_484100|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-8D640F/2020|2020-06-25|EPI_ISL_557158|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/CVL-8287/2020|2020-03-25|EPI_ISL_560577|Original|hCoV-19^^Centre-Val de Loire|Human|h\u00f4pital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/BIRM-637CA/2020|2020-08-19|EPI_ISL_529649|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/OXON-ADEFC/2020|2020-00-00|EPI_ISL_448645|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/NSW655/2020|2020-07-12|EPI_ISL_498774|Original|hCoV-19^^New South Wales|Human|Histopath|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC8403/2020|2020-07-23|EPI_ISL_564989|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9C4A01/2020|2020-09-10|EPI_ISL_549473|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2133/2020|2020-05-27|EPI_ISL_635361|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Portugal/PT0438/2020|2020-03-22|EPI_ISL_454162|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-CDPH218/2020|2020-11-15|EPI_ISL_754967|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/ALDP-AA225B/2020|2020-10-22|EPI_ISL_625170|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5746/2020|2020-06-02|EPI_ISL_473853|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WA-UW-29741/2020|2020-09-28|EPI_ISL_717778|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-C5F55/2020|2020-10-15|EPI_ISL_637887|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-952464/2020|2020-06-09|EPI_ISL_555651|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3354/2020|2020-07-08|EPI_ISL_521033|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CWAR-24FDB1A/2020|2020-05-03|EPI_ISL_584481|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012023081/2020|2020-08-09|EPI_ISL_745798|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB1824/2020|2020-04-16|EPI_ISL_433144|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K005326/2020|2020-11-16|EPI_ISL_678616|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/LA-EVTL131/2020|2020-05-06|EPI_ISL_451292|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-18526/2020|2020-12-07|EPI_ISL_750021|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-529/2020|2020-06-23|EPI_ISL_484904|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Portugal/IGC4435/2020|2020-06-08|EPI_ISL_491252|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal
>Spike|hCoV-19/England/CAMC-B996D2/2020|2020-11-15|EPI_ISL_673484|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Gibraltar/204462900/2020|2020-10-29|EPI_ISL_632798|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19/USA/TX-HMH-MCoV-15423/2020|2020-10-22|EPI_ISL_786907|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-CHLA-PLM47560065/2020|2020-11-09|EPI_ISL_753291|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/Denmark/DCGC-11718/2020|2020-10-26|EPI_ISL_670634|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QEUH-759739/2020|2020-07-18|EPI_ISL_532978|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/HI-H200167/2020|2020-07-20|EPI_ISL_752728|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/Scotland/QEUH-B0F288/2020|2020-11-02|EPI_ISL_649521|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-C309D3/2020|2020-12-07|EPI_ISL_783040|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/SVE-RII-MH1452S/2020|2020-09-08|EPI_ISL_596279|Original|hCoV-19^^Sverdlovsk|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/England/MILK-5768AE/2020|2020-06-12|EPI_ISL_558366|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-AD59C3/2020|2020-10-26|EPI_ISL_633724|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9C2D37/2020|2020-09-10|EPI_ISL_566437|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-5787/2020|2020-06-28|EPI_ISL_547014|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-14729/2020|2020-11-23|EPI_ISL_711937|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/NY-Wadsworth-10683-01/2020|2020-03-04|EPI_ISL_426027|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/20116159902/2020|2020-03-11|EPI_ISL_464861|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Netherlands/NB-EMC-375/2020|2020-09-28|EPI_ISL_722833|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Denmark/DCGC-13371/2020|2020-11-30|EPI_ISL_712757|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-2CAD3/2020|2020-04-01|EPI_ISL_445947|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-C3F66/2020|2020-04-09|EPI_ISL_441956|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B629CA/2020|2020-11-09|EPI_ISL_656369|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5268/2020|2020-09-14|EPI_ISL_615199|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Equatorial Guinea/7692/2020|2020-05-12|EPI_ISL_648347|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/England/CAMC-B20F11/2020|2020-11-02|EPI_ISL_647721|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/NC-IBV-001383/2020|2020-03-15|EPI_ISL_452518|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Bahrain/341013933_S13_L001/2020|2020-11-11|EPI_ISL_681319|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Japan/PG-3807/2020|2020-07-00|EPI_ISL_692058|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9454/2020|2020-08-18|EPI_ISL_565558|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0514/2020|2020-05-18|EPI_ISL_698196|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Mexico/BCN-ALSR-2497/2020|2020-06-01|EPI_ISL_635506|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/England/ALDP-A6E394/2020|2020-10-15|EPI_ISL_607264|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1082/2020|2020-04-29|EPI_ISL_463572|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMB-1B479C/2020|2020-06-03|EPI_ISL_473483|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D1773/2020|2020-04-02|EPI_ISL_527449|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Denmark/DCGC-17389/2020|2020-12-14|EPI_ISL_750949|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20139069704/2020|2020-03-29|EPI_ISL_465860|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000478/2020|2020-05-05|EPI_ISL_631945|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMB-A9811F/2020|2020-12-14|EPI_ISL_764339|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Singapore/460/2020|2020-04-20|EPI_ISL_475991|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/QEUI-AE1C43/2020|2020-10-24|EPI_ISL_647893|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/COR-GVI-97517/2020|2020-04-07|EPI_ISL_447816|Original|hCoV-19^^Cordoba|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9drez|Colombia

>Spike|hCoV-19/England/LIVE-9C2C7/2020|2020-03-30|EPI_ISL_449526|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-209-8650/2020|2020-04-02|EPI_ISL_574847|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-13653/2020|2020-08-20|EPI_ISL_788755|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-C39864/2020|2020-12-08|EPI_ISL_767269|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165B34/2020|2020-06-05|EPI_ISL_490769|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1187/2020|2020-04-29|EPI_ISL_477277|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MA-MGH-00228/2020|2020-04-06|EPI_ISL_460127|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/CAMC-BBBC14/2020|2020-11-21|EPI_ISL_724099|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B948/2020|2020-11-01|EPI_ISL_645723|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4595968/2020|2020-11-02|EPI_ISL_740504|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-4581/2020|2020-06-21|EPI_ISL_543731|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-C4607B/2020|2020-12-10|EPI_ISL_718497|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21816/2020|2020-03-12|EPI_ISL_565859|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/NS-NML-943/2020|2020-03-26|EPI_ISL_579574|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/ALDP-A51C20/2020|2020-10-07|EPI_ISL_598197|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH021/2020|2020-03-17|EPI_ISL_434731|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20142079804/2020|2020-03-30|EPI_ISL_423461|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E31C/2020|2020-11-11|EPI_ISL_680841|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4399/2020|2020-09-07|EPI_ISL_615397|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5309/2020|2020-06-25|EPI_ISL_544670|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-PV08400/2020|2020-03-15|EPI_ISL_421368|Original|hCoV-19^^New York|Human|MHS Clinical Microbiology Laboratories|MHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/CAMB-1B2B92/2020|2020-00-00|EPI_ISL_456707|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC315b/2020|2020-06-17|EPI_ISL_495072|Original|hCoV-19^^Gujarat|Human|Department of MicroBiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-ALSR-1148/2020|2020-04-27|EPI_ISL_494393|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Luxembourg/LNS9923262/2020|2020-03-13|EPI_ISL_745011|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-AA26D7/2020|2020-10-22|EPI_ISL_630817|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149008204/2020|2020-04-01|EPI_ISL_466134|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000551/2020|2020-03-24|EPI_ISL_632011|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CA-CZB-1236/2020|2020-05-12|EPI_ISL_454656|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/WI-UW-1448/2020|2020-09-13|EPI_ISL_541580|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-B9847F/2020|2020-11-15|EPI_ISL_674846|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1452/2020|2020-05-03|EPI_ISL_542730|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW695/2020|2020-07-20|EPI_ISL_513338|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WI-UW-493/2020|2020-06-03|EPI_ISL_484868|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Spain/RI-IBV-99005919/2020|2020-03-29|EPI_ISL_537456|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-D0A65/2020|2020-05-05|EPI_ISL_475490|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/ALDP-5AD941/2020|2020-06-17|EPI_ISL_558800|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2628/2020|2020-04-17|EPI_ISL_477993|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7648/2020|2020-10-19|EPI_ISL_618540|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-0792/2020|2020-04-00|EPI_ISL_684402|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-1126EA/2020|2020-04-16|EPI_ISL_490567|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Brazil/RS-2550/2020|2020-03-20|EPI_ISL_729812|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/TX-HMH-MCoV-18220/2020|2020-11-17|EPI_ISL_784568|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-9EAEDC/2020|2020-09-24|EPI_ISL_579926|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160F3D/2020|2020-05-26|EPI_ISL_473068|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-80F1A/2020|2020-04-16|EPI_ISL_444447|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F5CB6/2020|2020-09-25|EPI_ISL_588425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG351930/2020|2020-05-22|EPI_ISL_694408|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Singapore/453/2020|2020-03-19|EPI_ISL_475984|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-B08A78/2020|2020-10-29|EPI_ISL_643798|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB98E5/2020|2020-11-20|EPI_ISL_702901|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009645/2020|2020-07-26|EPI_ISL_605320|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-1224/2020|2020-05-25|EPI_ISL_614867|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-6971/2020|2020-09-02|EPI_ISL_582904|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/204440445/2020|2020-10-27|EPI_ISL_660752|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-003196/2020|2020-03-10|EPI_ISL_480982|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/EDB734/2020|2020-04-02|EPI_ISL_433233|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-B12000/2020|2020-11-02|EPI_ISL_642724|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9C388/2020|2020-03-29|EPI_ISL_449533|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10752/2020|2020-09-19|EPI_ISL_641594|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Belgium/regA-11271168/2020|2020-11-27|EPI_ISL_735221|Original|hCoV-19^^Riemst|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-48D32C/2020|2020-11-14|EPI_ISL_680608|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9D30EF/2020|2020-09-18|EPI_ISL_577308|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9772/2020|2020-07-04|EPI_ISL_780267|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-004952/2020|2020-04-20|EPI_ISL_481069|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/CVR5560/2020|2020-10-27|EPI_ISL_651837|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR4667/2020|2020-09-28|EPI_ISL_611877|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/HI-H200139/2020|2020-07-15|EPI_ISL_752702|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUA-C7F871/2020|2020-12-16|EPI_ISL_762866|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5572/2020|2020-08-00|EPI_ISL_688697|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B01E0A/2020|2020-10-24|EPI_ISL_642799|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15FFB9/2020|2020-05-23|EPI_ISL_472878|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26981/2020|2020-03-30|EPI_ISL_422023|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9F863D/2020|2020-09-25|EPI_ISL_588877|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20044526/2020|2020-07-16|EPI_ISL_769914|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/CAMC-B08182/2020|2020-10-29|EPI_ISL_643725|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC_AB3/2020|2020-04-06|EPI_ISL_444501|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/20139026904/2020|2020-03-26|EPI_ISL_421899|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC3599/2020|2020-07-09|EPI_ISL_520345|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/356/2020|2020-04-08|EPI_ISL_469111|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-48A6DB/2020|2020-11-03|EPI_ISL_652588|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1441/2020|2020-05-02|EPI_ISL_542725|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036309295/2020|2020-10-06|EPI_ISL_596605|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-B939B1/2020|2020-11-13|EPI_ISL_676055|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-832D2/2020|2020-04-15|EPI_ISL_443513|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487CCD/2020|2020-10-30|EPI_ISL_639296|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A404A/2020|2020-06-25|EPI_ISL_584618|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCC21E/2020|2020-11-27|EPI_ISL_704318|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A8592C/2020|2020-10-18|EPI_ISL_610392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292655-01/2020|2020-12-07|EPI_ISL_767697|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WI-WSLH-200394/2020|2020-04-22|EPI_ISL_578560|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Portugal/PT0623/2020|2020-03-26|EPI_ISL_454346|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-MCoV-15937/2020|2020-07-10|EPI_ISL_785621|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NJ-QDX-141/2020|2020-03-15|EPI_ISL_467877|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/LU-ETHZ-340112/2020|2020-10-26|EPI_ISL_721825|Original|hCoV-19^^Lucerne|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-3085/2020|2020-08-31|EPI_ISL_616865|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AABDE8/2020|2020-10-21|EPI_ISL_652834|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-12708A/2020|2020-04-23|EPI_ISL_469547|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2A4E8A/2020|2020-09-19|EPI_ISL_573412|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-0078/2020|2020-02-00|EPI_ISL_684112|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C3D833/2020|2020-12-10|EPI_ISL_730667|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9F93/2020|2020-03-23|EPI_ISL_517381|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C069/2020|2020-12-10|EPI_ISL_731586|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15452/2020|2020-07-31|EPI_ISL_593310|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-3212/2020|2020-06-12|EPI_ISL_544080|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A947D5/2020|2020-10-19|EPI_ISL_624650|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1552/2020|2020-08-14|EPI_ISL_569195|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/CA-CZB-12808/2020|2020-10-13|EPI_ISL_648459|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-13039/2020|2020-05-15|EPI_ISL_672319|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/United Arab Emirates/0393/2020|2020-05-15|EPI_ISL_698568|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-BOA153/2020|2020-10-30|EPI_ISL_673045|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC932/2020|2020-03-31|EPI_ISL_427160|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14485/2020|2020-10-08|EPI_ISL_787770|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-320521/2020|2020-10-13|EPI_ISL_737894|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/IC-0311/2020|2020-11-00|EPI_ISL_667740|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-p2417/2020|2020-04-21|EPI_ISL_776487|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-496135/2020|2020-11-27|EPI_ISL_726536|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484BB4/2020|2020-10-24|EPI_ISL_628086|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR5015/2020|2020-10-09|EPI_ISL_594754|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1828/2020|2020-03-22|EPI_ISL_776182|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-BFBE7/2020|2020-12-04|EPI_ISL_709064|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/202740182/2020|2020-07-30|EPI_ISL_566058|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S1992/2020|2020-06-04|EPI_ISL_497420|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-11342/2020|2020-11-02|EPI_ISL_670851|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-1423/2020|2020-07-13|EPI_ISL_581546|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/20106087206/2020|2020-03-02|EPI_ISL_417245|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3883/2020|2020-07-21|EPI_ISL_548518|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00231304/2020|2020-03-20|EPI_ISL_535953|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-49304A/2020|2020-11-28|EPI_ISL_725827|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-F8B82/2020|2020-11-24|EPI_ISL_706402|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC7147/2020|2020-08-04|EPI_ISL_564254|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20144076304/2020|2020-04-01|EPI_ISL_421964|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B1ADA7/2020|2020-11-01|EPI_ISL_646090|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0388/2020|2020-03-28|EPI_ISL_569483|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMB-83C5C/2020|2020-04-15|EPI_ISL_443358|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-331456/2020|2020-10-21|EPI_ISL_614927|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1B2655/2020|2020-05-18|EPI_ISL_456701|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/NOTT-113661/2020|2020-09-11|EPI_ISL_549519|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12797/2020|2020-06-29|EPI_ISL_570903|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-BAA87E/2020|2020-11-17|EPI_ISL_681414|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002722/2020|2020-08-15|EPI_ISL_529723|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC5043/2020|2020-07-18|EPI_ISL_519847|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-NIV-QC-797/2020|2020-04-22|EPI_ISL_452215|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/20132054704/2020|2020-03-23|EPI_ISL_423787|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35916/2020|2020-04-23|EPI_ISL_474497|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/205141224/2020|2020-12-16|EPI_ISL_756158|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/Thailand/Chiang Rai_MM/2020|2020-12-03|EPI_ISL_768609|Original|hCoV-19^^Chiang Rai|Human|Regional Medical Sciences Center 1/1 Chiang Rai|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Spain/PV-IBV-003234/2020|2020-03-15|EPI_ISL_480991|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-2ED41/2020|2020-04-06|EPI_ISL_446146|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13A6EC/2020|2020-11-08|EPI_ISL_664255|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Belgium/UGent-45/2020|2020-03-29|EPI_ISL_434361|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-18812/2020|2020-11-26|EPI_ISL_785139|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20124000504/2020|2020-03-14|EPI_ISL_465769|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-CB4F7B/2020|2020-12-17|EPI_ISL_761697|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC2F1F/2020|2020-11-24|EPI_ISL_705853|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42187936/2020|2020-03-12|EPI_ISL_528029|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Japan/PG-6460/2020|2020-08-00|EPI_ISL_689565|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B2C18/2020|2020-05-02|EPI_ISL_534801|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20164/2020|2020-03-26|EPI_ISL_436887|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/GE-EMC-226/2020|2020-06-07|EPI_ISL_523206|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S2145/2020|2020-06-08|EPI_ISL_497573|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-C314C2/2020|2020-12-10|EPI_ISL_730828|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20106/2020|2020-11-10|EPI_ISL_723283|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/LIVE-DCCD75/2020|2020-12-11|EPI_ISL_724527|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-2299/2020|2020-05-00|EPI_ISL_685904|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-6999/2020|2020-10-12|EPI_ISL_619846|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-15C3FC/2020|2020-04-21|EPI_ISL_472484|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1137/2020|2020-05-06|EPI_ISL_511684|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW-32735/2020|2020-10-19|EPI_ISL_737083|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-6904/2020|2020-10-12|EPI_ISL_619749|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/BI-194033/2020|2020-09-30|EPI_ISL_746511|Original|hCoV-19^^Biobio|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/VA-DCLS-1713/2020|2020-09-02|EPI_ISL_614123|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-AAE5DE/2020|2020-10-20|EPI_ISL_652974|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/201141651/2020|2020-03-09|EPI_ISL_464768|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-10DF6F/2020|2020-03-14|EPI_ISL_425474|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-A570A6/2020|2020-10-09|EPI_ISL_597307|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38918/2020|2020-11-01|EPI_ISL_658941|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM78829447/2020|2020-11-16|EPI_ISL_753353|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-B24CE9/2020|2020-11-04|EPI_ISL_646580|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM80441786/2020|2020-12-03|EPI_ISL_753656|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/PORT-2D5697/2020|2020-12-20|EPI_ISL_765125|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Hong Kong/HKU-200723-001/2020|2020-07-10|EPI_ISL_497768|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/England/MILK-B06F5D/2020|2020-10-29|EPI_ISL_652285|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B37F44/2020|2020-11-05|EPI_ISL_659017|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94BB4B/2020|2020-06-11|EPI_ISL_555821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A93DD4/2020|2020-10-19|EPI_ISL_611075|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26556560/2020|2020-04-15|EPI_ISL_485190|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/India/OR-ILSCV33983/2020|2020-06-08|EPI_ISL_481181|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/QEUEH-52DBE9/2020|2020-05-18|EPI_ISL_532150|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F384B/2020|2020-09-24|EPI_ISL_588690|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036207074/2020|2020-09-30|EPI_ISL_590743|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-20409/2020|2020-12-21|EPI_ISL_758724|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/6432/2020|2020-11-28|EPI_ISL_775389|Original|hCoV-19^^Viken|Human|Akershus University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/CA-CZB-9730/2020|2020-03-13|EPI_ISL_672042|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MI-UM-2006S000967/2020|2020-03-29|EPI_ISL_484774|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMB-1B6D01/2020|2020-10-13|EPI_ISL_612278|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0BDE6/2020|2020-10-01|EPI_ISL_599185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM1011/2020|2020-03-26|EPI_ISL_583850|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/CAMB-797D0/2020|2020-04-01|EPI_ISL_441816|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10756/2020|2020-07-08|EPI_ISL_789614|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-11D157/2020|2020-11-20|EPI_ISL_665918|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-002011/2020|2020-03-15|EPI_ISL_509611|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-A0C019/2020|2020-09-30|EPI_ISL_599265|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7810/2020|2020-07-00|EPI_ISL_686912|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-21082/2020|2020-12-21|EPI_ISL_758896|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-106A92/2020|2020-05-20|EPI_ISL_500980|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200043921/2020|2020-11-06|EPI_ISL_666747|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9FB74/2020|2020-10-20|EPI_ISL_611328|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9939D1/2020|2020-08-26|EPI_ISL_552284|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-79/2020|2020-05-19|EPI_ISL_603186|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/Japan/PG-8016/2020|2020-08-00|EPI_ISL_687117|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20059/2020|2020-12-07|EPI_ISL_747957|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_11656112/2020|2020-04-00|EPI_ISL_467328|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Netherlands/OV-RIVM-20121/2020|2020-11-16|EPI_ISL_723296|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Luxembourg/LNS8778022/2020|2020-11-28|EPI_ISL_744807|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Italy/VEN-UniVR-39/2020|2020-03-10|EPI_ISL_751351|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/ALDP-94D824/2020|2020-06-19|EPI_ISL_554973|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9A46A9/2020|2020-09-01|EPI_ISL_540179|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A1E3B1/2020|2020-09-29|EPI_ISL_587318|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008631/2020|2020-09-25|EPI_ISL_654176|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-8327/2020|2020-10-26|EPI_ISL_616930|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B7F56C/2020|2020-11-14|EPI_ISL_674609|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1175/2020|2020-05-21|EPI_ISL_476760|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/OXON-ACD69/2020|2020-04-06|EPI_ISL_448534|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-390399/2020|2020-12-02|EPI_ISL_721970|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/20134018602/2020|2020-03-23|EPI_ISL_423099|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-130/2020|2020-03-16|EPI_ISL_436225|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Wales/PHWC-49500C/2020|2020-11-25|EPI_ISL_726286|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4300818/2020|2020-03-21|EPI_ISL_740444|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Northern Ireland/QEUI-9697F8/2020|2020-08-14|EPI_ISL_531153|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-692B48/2020|2020-07-02|EPI_ISL_558017|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AFD0B/2020|2020-05-04|EPI_ISL_459221|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/MASRI-016/2020|2020-05-11|EPI_ISL_482767|Original|hCoV-19^^Egypt|Human|Medical Ain Shams Research Institute (MASRI)|Medical Ain Shams Research Institute (MASRI)|Moustafa|Egypt

>Spike|hCoV-19/Wales/CVR4782/2020|2020-09-14|EPI_ISL_627350|Original|hCoV-19^^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-39698-01/2020|2020-04-01|EPI_ISL_525656|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/USA/UT-UPHL-2012606373/2020|2020-08-08|EPI_ISL_745806|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-A47B20/2020|2020-10-06|EPI_ISL_598337|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8F8E8/2020|2020-11-13|EPI_ISL_674554|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Morocco/FMP-58/2020|2020-12-21|EPI_ISL_775258|Original|hCoV-19^^Temara|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahgiri|Morocco

>Spike|hCoV-19/England/NORT-286219/2020|2020-09-06|EPI_ISL_573320|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-A64BA5/2020|2020-10-11|EPI_ISL_608693|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-122948/2020|2020-04-02|EPI_ISL_440674|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Iceland/236/2020|2020-03-17|EPI_ISL_417564|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Russia/StPetersburg-73603/2020|2020-03-20|EPI_ISL_428883|Vero|hCoV-19^^Saint Petersburg|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Wales/PHWC-48D09E/2020|2020-11-09|EPI_ISL_666576|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1643/2020|2020-07-20|EPI_ISL_626536|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Finland/18SS6F5/2020|2020-09-18|EPI_ISL_756292|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUEH-B0E571/2020|2020-11-02|EPI_ISL_641942|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-848/2020|2020-03-24|EPI_ISL_582337|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Switzerland/GE-SNRCI-9268/2020|2020-03-00|EPI_ISL_548239|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/QEUEH-95FE87/2020|2020-08-07|EPI_ISL_531886|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15062/2020|2020-10-16|EPI_ISL_786546|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2012150388/2020|2020-08-03|EPI_ISL_745736|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR2039/2020|2020-04-09|EPI_ISL_484545|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1990/2020|2020-03-27|EPI_ISL_776308|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Germany/HH-hpi-p1413/2020|2020-03-09|EPI_ISL_775852|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/GSTT-5446/2020|2020-03-20|EPI_ISL_560684|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL351/2020|2020-05-25|EPI_ISL_578757|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Netherlands/un-EMC-719/2020|2020-03-20|EPI_ISL_523474|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Tunisia/19695/2020|2020-07-12|EPI_ISL_733500|Original|hCoV-19^^Ben Arous|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/England/MILK-ABB0A0/2020|2020-10-20|EPI_ISL_623526|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1450/2020|2020-04-13|EPI_ISL_433452|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15430/2020|2020-10-21|EPI_ISL_786914|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4343/2020|2020-07-00|EPI_ISL_692571|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C39ECC/2020|2020-12-09|EPI_ISL_731154|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B09761/2020|2020-10-29|EPI_ISL_673192|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16277F/2020|2020-06-01|EPI_ISL_473117|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AD0DAE/2020|2020-10-26|EPI_ISL_633838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02981/2020|2020-05-01|EPI_ISL_522290|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Poland/PL_MCB_5/2020|2020-04-07|EPI_ISL_645004|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Luxembourg/LNS5454479/2020|2020-10-30|EPI_ISL_744232|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/EDB1702/2020|2020-04-15|EPI_ISL_526464|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0534/2020|2020-05-14|EPI_ISL_574439|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-4A2AFF/2020|2020-12-12|EPI_ISL_743979|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11254/2020|2020-04-24|EPI_ISL_738820|Original|hCoV-19^^California|Human|Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-UW147/2020|2020-03-15|EPI_ISL_416685|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/India/GJ-GBRC355a/2020|2020-06-25|EPI_ISL_514603|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-CHLA-PLM45672452/2020|2020-11-30|EPI_ISL_753467|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/VA-DCLS-1191/2020|2020-06-23|EPI_ISL_572272|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-AF4C5C/2020|2020-10-30|EPI_ISL_663130|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8450/2020|2020-07-02|EPI_ISL_780555|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20104004304/2020|2020-03-02|EPI_ISL_464314|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/NSW1223/2020|2020-11-03|EPI_ISL_710121|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|CIDM-PH et al.|Gall|Australia

>Spike|hCoV-19/England/204790752/2020|2020-11-21|EPI_ISL_678756|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-94F51C/2020|2020-06-18|EPI_ISL_556019|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B0E131/2020|2020-11-02|EPI_ISL_642016|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1267/2020|2020-12-04|EPI_ISL_778933|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15264/2020|2020-10-22|EPI_ISL_786748|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20136012004/2020|2020-03-25|EPI_ISL_423215|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6A81/2020|2020-09-24|EPI_ISL_580630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3462/2020|2020-07-00|EPI_ISL_691572|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B5D124/2020|2020-11-09|EPI_ISL_678859|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7308/2020|2020-11-00|EPI_ISL_740675|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Netherlands/GE-RIVM-10320/2020|2020-03-14|EPI_ISL_636529|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Ireland/D-NVRL-20G32290/2020|2020-03-18|EPI_ISL_605117|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Scotland/QEUH-A4BA7A/2020|2020-10-08|EPI_ISL_628507|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-993B62/2020|2020-08-27|EPI_ISL_552355|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9704BB/2020|2020-08-18|EPI_ISL_553009|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15619/2020|2020-11-23|EPI_ISL_713926|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/MB-NML-568/2020|2020-03-26|EPI_ISL_582264|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Denmark/DCGC-19950/2020|2020-12-07|EPI_ISL_747886|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4101/2020|2020-07-14|EPI_ISL_519482|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-08380/2020|2020-05-15|EPI_ISL_524163|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/India/TN-CCMB-C3-14/2020|2020-04-16|EPI_ISL_447586|Original|hCoV-19^^Tamil Nadu|Human|Tamil Nadu Veterinary and Animal Sciences University|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/WI-UW-2506/2020|2020-12-30|EPI_ISL_779338|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Uganda/UG117/2020|2020-00-00|EPI_ISL_738024|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/England/MILK-ABBF94/2020|2020-10-21|EPI_ISL_631230|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129020004/2020|2020-03-20|EPI_ISL_424009|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20918/2020|2020-05-26|EPI_ISL_476054|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-996482/2020|2020-08-28|EPI_ISL_549533|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B99E8F/2020|2020-11-15|EPI_ISL_673579|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6662/2020|2020-06-24|EPI_ISL_546155|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-30874/2020|2020-11-02|EPI_ISL_661061|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-AA2D2D/2020|2020-10-22|EPI_ISL_625030|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4835E4/2020|2020-10-15|EPI_ISL_627836|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0182/2020|2020-10-13|EPI_ISL_729883|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Spain/CT-IBV-97010141/2020|2020-11-10|EPI_ISL_683632|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/QLD1229/2020|2020-10-19|EPI_ISL_639818|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Northern Ireland/QEUEH-9905FE/2020|2020-08-26|EPI_ISL_530363|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02974/2020|2020-05-01|EPI_ISL_522285|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/PAC-IHU-1135/2020|2020-08-07|EPI_ISL_569057|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/India/MH-AFCO-15534/2020|2020-07-27|EPI_ISL_722200|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Luxembourg/LNS6722121/2020|2020-12-21|EPI_ISL_771101|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/VA-DCLS-0484/2020|2020-05-10|EPI_ISL_526791|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/South Africa/KRISP-K005318/2020|2020-11-15|EPI_ISL_678610|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-C31161/2020|2020-12-11|EPI_ISL_731444|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15345/2020|2020-11-23|EPI_ISL_713432|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-QDX-518/2020|2020-03-18|EPI_ISL_571264|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-DSHS-1514/2020|2020-06-22|EPI_ISL_683429|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LEED-2A840C/2020|2020-03-30|EPI_ISL_539206|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0494/2020|2020-12-02|EPI_ISL_778875|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Scotland/QEUH-A4997F/2020|2020-10-08|EPI_ISL_628441|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC17029/2020|2020-08-13|EPI_ISL_663693|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-SR0094/2020|2020-03-17|EPI_ISL_445094|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/IC-0253/2020|2020-10-00|EPI_ISL_667682|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-52937/2020|2020-09-23|EPI_ISL_660423|Original|hCoV-19^^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-B83592/2020|2020-11-14|EPI_ISL_675622|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E337A/2020|2020-09-21|EPI_ISL_581192|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA455E/2020|2020-12-16|EPI_ISL_762418|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7660/2020|2020-08-08|EPI_ISL_564560|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-21013/2020|2020-12-21|EPI_ISL_759501|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-4A6721/2020|2020-06-10|EPI_ISL_559584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0209/2020|2020-03-18|EPI_ISL_512859|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/NOTT-11D166/2020|2020-11-20|EPI_ISL_725519|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-C488AE/2020|2020-12-13|EPI_ISL_736658|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC8573/2020|2020-11-23|EPI_ISL_721508|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-125FEF4/2020|2020-03-08|EPI_ISL_516848|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C624/2020|2020-11-07|EPI_ISL_665433|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B027E0/2020|2020-10-24|EPI_ISL_642807|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A635E4/2020|2020-10-12|EPI_ISL_596122|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8933/2020|2020-07-02|EPI_ISL_780841|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/142/2020|2020-03-17|EPI_ISL_443234|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/CA-CZB-7003/2020|2020-09-05|EPI_ISL_582928|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/NY-Wadsworth-30942-01/2020|2020-03-27|EPI_ISL_676772|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-ACE3FC/2020|2020-10-21|EPI_ISL_629145|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4857BF/2020|2020-10-26|EPI_ISL_628219|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3513/2020|2020-06-00|EPI_ISL_691769|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AS-IBV-98006616/2020|2020-03-14|EPI_ISL_654657|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/EDB3554/2020|2020-04-14|EPI_ISL_439282|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF5EC/2020|2020-10-22|EPI_ISL_631225|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A935/2020|2020-07-13|EPI_ISL_560127|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204691065/2020|2020-11-14|EPI_ISL_693436|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-C63B2/2020|2020-05-06|EPI_ISL_490603|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC5075/2020|2020-07-17|EPI_ISL_519878|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2611/2020|2020-08-17|EPI_ISL_617848|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2067/2020|2020-07-20|EPI_ISL_618321|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2010234610/2020|2020-10-20|EPI_ISL_710269|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Russia/VLA-RII-MH3422S/2020|2020-10-07|EPI_ISL_733143|Original|hCoV-19^^Vladimir|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/MILK-ACD0AB/2020|2020-10-21|EPI_ISL_630299|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001008/2020|2020-10-06|EPI_ISL_633029|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Austria/CeMM0096/2020|2020-03-23|EPI_ISL_437957|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/CAMB-774DB/2020|2020-03-30|EPI_ISL_439467|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5664/2020|2020-06-23|EPI_ISL_544946|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-330518/2020|2020-10-19|EPI_ISL_614918|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9037/2020|2020-07-02|EPI_ISL_780912|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Thailand/CO63-896-3/2020|2020-03-20|EPI_ISL_450971|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/England/ALDP-A2EF32/2020|2020-10-05|EPI_ISL_587261|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17941/2020|2020-08-18|EPI_ISL_779575|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/CAMC-A64695/2020|2020-10-09|EPI_ISL_608867|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7519/2020|2020-06-25|EPI_ISL_546817|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-885FE0/2020|2020-07-25|EPI_ISL_532722|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00362/2020|2020-05-05|EPI_ISL_623165|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Switzerland/BL-ETHZ-360004/2020|2020-11-12|EPI_ISL_693864|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-C5B8C6/2020|2020-12-14|EPI_ISL_757035|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-HUG-57410/2020|2020-10-25|EPI_ISL_708307|Original|hCoV-19^^Geneva|Human|University Hospitals of Geneva|University Hospitals of Geneva|Cordey|Switzerland

>Spike|hCoV-19/Germany/SH-ChVir20845/2020|2020-12-03|EPI_ISL_729724|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/LA-EVTL1169/2020|2020-12-10|EPI_ISL_768438|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-9F31AA/2020|2020-09-24|EPI_ISL_588607|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-GC2/2020|2020-05-24|EPI_ISL_528812|Original|hCoV-19^^Telangana|Human|Department of Medicine|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/QEUH-C5BF2B/2020|2020-12-14|EPI_ISL_769261|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3932/2020|2020-03-27|EPI_ISL_427211|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUH-A9B932/2020|2020-10-20|EPI_ISL_625378|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5AA65C/2020|2020-06-15|EPI_ISL_558736|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10757/2020|2020-09-20|EPI_ISL_641599|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/ALDP-C3A6E1/2020|2020-12-09|EPI_ISL_767271|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A1D358/2020|2020-10-03|EPI_ISL_595053|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F96E1/2020|2020-09-27|EPI_ISL_589191|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9946AC/2020|2020-08-25|EPI_ISL_552232|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168621/2020|2020-04-27|EPI_ISL_494265|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C055/2020|2020-11-08|EPI_ISL_655896|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00455/2020|2020-06-01|EPI_ISL_717850|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-C3BE60/2020|2020-12-10|EPI_ISL_731837|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-969BA1/2020|2020-08-12|EPI_ISL_531158|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_148/2020|2020-04-26|EPI_ISL_461183|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORT-29F59C/2020|2020-04-30|EPI_ISL_490491|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10182/2020|2020-05-14|EPI_ISL_672247|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15436/2020|2020-10-21|EPI_ISL_786920|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB9462/2020|2020-10-30|EPI_ISL_651230|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009718/2020|2020-07-27|EPI_ISL_605390|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MN-MDH-2205/2020|2020-11-03|EPI_ISL_770779|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/NY-WCMP11B04P/2020|2020-03-16|EPI_ISL_427586|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/England/MILK-99C6A4/2020|2020-08-30|EPI_ISL_550586|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14918/2020|2020-11-27|EPI_ISL_739142|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00243024/2020|2020-03-30|EPI_ISL_536344|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-10279/2020|2020-11-09|EPI_ISL_669873|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-32A16/2020|2020-04-15|EPI_ISL_474382|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-410863/2020|2020-12-15|EPI_ISL_737678|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-C3378B/2020|2020-12-11|EPI_ISL_757147|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A4AF03/2020|2020-10-05|EPI_ISL_628460|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16186/2020|2020-10-30|EPI_ISL_785870|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW112/2020|2020-03-15|EPI_ISL_427666|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-4852DC/2020|2020-10-25|EPI_ISL_628165|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-0729922/2020|2020-07-29|EPI_ISL_734827|Original|hCoV-19^^Holsbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Northern Ireland/NIRE-FBA37/2020|2020-04-11|EPI_ISL_470073|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3938/2020|2020-07-30|EPI_ISL_548506|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-160F6A/2020|2020-04-23|EPI_ISL_473070|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10D41A5/2020|2020-12-18|EPI_ISL_765193|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD8C9/2020|2020-10-02|EPI_ISL_587745|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8625/2020|2020-07-31|EPI_ISL_565116|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20139042404/2020|2020-03-28|EPI_ISL_420674|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-AD1639/2020|2020-10-26|EPI_ISL_634711|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/ANC-INS-066/2020|2020-03-16|EPI_ISL_516987|Original|hCoV-19^^Ancash|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru

>Spike|hCoV-19/Scotland/QEUH-9B50F2/2020|2020-09-07|EPI_ISL_602062|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D966F/2020|2020-09-18|EPI_ISL_576752|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F89E9/2020|2020-09-25|EPI_ISL_588929|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6D4C/2020|2020-09-24|EPI_ISL_580604|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-679/2020|2020-09-19|EPI_ISL_700304|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-8717/2020|2020-08-00|EPI_ISL_686313|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MD-HP00118/2020|2020-03-29|EPI_ISL_457811|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/CAMB-1B6897/2020|2020-10-06|EPI_ISL_584310|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC6261/2020|2020-07-25|EPI_ISL_518252|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/994/2020|2020-03-22|EPI_ISL_549002|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/France/IDF-9171/2020|2020-08-31|EPI_ISL_593917|Original|hCoV-19^^\u00cele-de-France|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-17699/2020|2020-12-14|EPI_ISL_751154|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-AAF8F2/2020|2020-10-23|EPI_ISL_631204|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/702/2020|2020-07-06|EPI_ISL_498600|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-9A7F41/2020|2020-09-02|EPI_ISL_573247|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-975BB1/2020|2020-07-19|EPI_ISL_552664|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrein/BAH-22/2020|2020-04-08|EPI_ISL_483563|Original|hCoV-19^^Bahrain|Human|Kingdom of Bahrein Ministry of Health|Erasmus Medical Center|Oude Munnink|Bahrain

>Spike|hCoV-19/Denmark/DCGC-17174/2020|2020-12-14|EPI_ISL_750802|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9F56E5/2020|2020-09-27|EPI_ISL_588994|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S949/2020|2020-04-27|EPI_ISL_463439|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-9E29B5/2020|2020-09-20|EPI_ISL_581300|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97010108/2020|2020-11-10|EPI_ISL_683606|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Kazakhstan/26549/2020|2020-04-26|EPI_ISL_454513|Original|hCoV-19^^Nur-Sultan|Human|RSE \National Center for Biotechnology\|RSE \National Center for Biotechnology\|Kalendar|Kazakhstan

>Spike|hCoV-19/England/LIVE-AAB16/2020|2020-07-31|EPI_ISL_540599|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000981/2020|2020-10-07|EPI_ISL_633008|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC4460/2020|2020-07-16|EPI_ISL_519756|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-MEPHI-1976/2020|2020-08-27|EPI_ISL_644467|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/FL-BPHL-0881/2020|2020-04-03|EPI_ISL_517772|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-71DB80/2020|2020-07-01|EPI_ISL_557732|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2147/2020|2020-11-23|EPI_ISL_708485|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/TX-HMH-5033/2020|2020-06-22|EPI_ISL_544473|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-QDX-01/2020|2020-03-12|EPI_ISL_444519|Original|hCoV-19^^New York|Human|Molecular Infectious Disease|Molecular Infectious Disease|Anderson|USA

>Spike|hCoV-19/Denmark/DCGC-15823/2020|2020-11-23|EPI_ISL_714042|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-UNM-00539/2020|2020-05-12|EPI_ISL_542961|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Norway/5810/2020|2020-11-17|EPI_ISL_708180|Original|hCoV-19^^Viken|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Denmark/DCGC-8448/2020|2020-10-26|EPI_ISL_617398|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-32F71/2020|2020-04-13|EPI_ISL_446715|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4993D2/2020|2020-12-03|EPI_ISL_727299|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10131/2020|2020-04-07|EPI_ISL_427376|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-15FE16/2020|2020-05-19|EPI_ISL_472860|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-CAD4EF/2020|2020-12-20|EPI_ISL_760992|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8219/2020|2020-08-10|EPI_ISL_564906|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Finland/17A37S12/2020|2020-04-17|EPI_ISL_481574|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-B6298E/2020|2020-11-09|EPI_ISL_656364|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A1265/2020|2020-05-25|EPI_ISL_499848|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-03912/2020|2020-04-13|EPI_ISL_470563|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LIVE-DB3087/2020|2020-11-01|EPI_ISL_650299|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-36877-01/2020|2020-04-02|EPI_ISL_525648|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/QEUEH-B0F895/2020|2020-11-02|EPI_ISL_641963|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A5018C/2020|2020-10-07|EPI_ISL_597840|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204221531/2020|2020-00-00|EPI_ISL_593851|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0394/2020|2020-12-15|EPI_ISL_755506|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/CT-UW-6362/2020|2020-04-02|EPI_ISL_430971|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/BRIS-1227E4/2020|2020-04-04|EPI_ISL_440655|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2415/2020|2020-05-11|EPI_ISL_545297|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9E3064/2020|2020-09-21|EPI_ISL_581246|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5498/2020|2020-06-26|EPI_ISL_544821|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BB52FA/2020|2020-11-20|EPI_ISL_702919|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-116/2020|2020-03-23|EPI_ISL_475076|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Switzerland/BS-42206234/2020|2020-03-25|EPI_ISL_581743|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MD-HP12185/2020|2020-12-14|EPI_ISL_791484|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/MILK-A7B622/2020|2020-10-15|EPI_ISL_607562|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1282-4384/2020|2020-04-17|EPI_ISL_753947|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/LIVE-A15E4/2020|2020-06-11|EPI_ISL_490332|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-98F2BF/2020|2020-08-27|EPI_ISL_540369|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NCCS-NR099/2020|2020-04-28|EPI_ISL_497879|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Northern Ireland/NIRE-233011/2020|2020-09-28|EPI_ISL_680246|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-9015E9/2020|2020-06-24|EPI_ISL_557039|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S727/2020|2020-04-10|EPI_ISL_449897|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/GSTT-265D6CA/2020|2020-03-24|EPI_ISL_483999|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-B7361A/2020|2020-11-12|EPI_ISL_662415|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC613/2020|2020-10-21|EPI_ISL_634459|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/PIE-SLL-MS46/2020|2020-02-22|EPI_ISL_569867|Vero|hCoV-19^^Piedmont|Human|Amedeo di savoia|Crosetto lab|Harbers|Italy

>Spike|hCoV-19/USA/TX-HMH-MCoV-19347/2020|2020-11-27|EPI_ISL_783779|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/23LS6F8/2020|2020-10-23|EPI_ISL_759786|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/OR-OHSU-0458/2020|2020-06-09|EPI_ISL_525814|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/South Africa/KRISP-K002406/2020|2020-07-29|EPI_ISL_515770|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5895/2020|2020-05-25|EPI_ISL_700549|Original|hCoV-19^^Western Cape|Human|Heideveld CDC wc HVP|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Spain/CB-IBV-98002760/2020|2020-03-22|EPI_ISL_537809|Original|hCoV-19^^Cantabria|Human|Hospital Universitario Marqu\u00e9s de Valdecilla (Santander)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1B7447/2020|2020-10-20|EPI_ISL_637509|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/NSW745/2020|2020-07-28|EPI_ISL_513388|Original|hCoV-19^^New South Wales|Human|Pathology North - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-A7B992/2020|2020-10-15|EPI_ISL_607387|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8208/2020|2020-08-00|EPI_ISL_687307|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9A97ED/2020|2020-09-02|EPI_ISL_551224|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C7C6F2/2020|2020-12-16|EPI_ISL_762622|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6153/2020|2020-08-00|EPI_ISL_689265|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A86E86/2020|2020-10-16|EPI_ISL_606066|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11CC66/2020|2020-11-18|EPI_ISL_665906|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8598/2020|2020-10-26|EPI_ISL_625946|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D6BB7/2020|2020-03-27|EPI_ISL_478412|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-A7D778/2020|2020-10-12|EPI_ISL_606386|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F580D/2020|2020-09-25|EPI_ISL_588336|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-360318/2020|2020-11-06|EPI_ISL_729215|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-6241/2020|2020-10-05|EPI_ISL_620001|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2009041479/2020|2020-09-03|EPI_ISL_677311|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Scotland/CVR5733/2020|2020-11-06|EPI_ISL_651943|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96D536/2020|2020-08-19|EPI_ISL_534534|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2D64C/2020|2020-11-04|EPI_ISL_659961|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497BBE/2020|2020-11-24|EPI_ISL_726943|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BC84D0/2020|2020-11-23|EPI_ISL_721208|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sri Lanka/CDR503/2020|2020-03-31|EPI_ISL_525479|Original|hCoV-19^^Kalutara|Human|Centre for Dengue Research|Centre for Dengue Research|Malavige|Sri Lanka

>Spike|hCoV-19/Scotland/QEUEH-961FAD/2020|2020-08-10|EPI_ISL_531599|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A87447/2020|2020-10-17|EPI_ISL_606059|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C69D/2020|2020-10-15|EPI_ISL_608186|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8614/2020|2020-10-26|EPI_ISL_625979|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/201420048/2020|2020-03-28|EPI_ISL_465901|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-AC76AF/2020|2020-10-19|EPI_ISL_630292|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10940A/2020|2020-10-22|EPI_ISL_680199|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1415/2020|2020-08-26|EPI_ISL_536785|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison Campus AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-8185/2020|2020-10-26|EPI_ISL_617249|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-MDH-0464/2020|2020-11-11|EPI_ISL_682075|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/LIVE-A75FD/2020|2020-03-27|EPI_ISL_517046|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC9889/2020|2020-08-25|EPI_ISL_565764|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-124EED/2020|2020-03-26|EPI_ISL_443966|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Iceland/490/2020|2020-03-20|EPI_ISL_424512|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/LA-EVTL343/2020|2020-05-26|EPI_ISL_578749|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-A61A6F/2020|2020-10-13|EPI_ISL_706937|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16835/2020|2020-12-14|EPI_ISL_750594|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-BJMC-1658/2020|2020-04-18|EPI_ISL_496546|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/UT-UPHL-2012538042/2020|2020-08-10|EPI_ISL_745827|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/FL-BPHL-1235/2020|2020-05-29|EPI_ISL_541159|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUH-B318C7/2020|2020-11-04|EPI_ISL_646217|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-8451/2020|2020-03-00|EPI_ISL_548227|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH144/2020|2020-03-24|EPI_ISL_678043|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/NY-Wadsworth-65679-01/2020|2020-04-23|EPI_ISL_676876|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Scotland/EDB607/2020|2020-04-01|EPI_ISL_433214|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/EDB7877/2020|2020-09-23|EPI_ISL_585430|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-98001776/2020|2020-04-02|EPI_ISL_538151|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-5562/2020|2020-09-28|EPI_ISL_620887|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3289/2020|2020-07-08|EPI_ISL_520968|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1577/2020|2020-07-02|EPI_ISL_530173|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NORT-288E04/2020|2020-03-23|EPI_ISL_458704|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17590/2020|2020-12-14|EPI_ISL_751090|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BE-ChVir-D2007-8200/2020|2020-10-15|EPI_ISL_753896|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-SCCPHD-UC172/2020|2020-03-13|EPI_ISL_435651|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/LOND-124D169/2020|2020-03-23|EPI_ISL_507059|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_9654/2020|2020-10-07|EPI_ISL_626595|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/USA/MA-JLL-26N/2020|2020-00-00|EPI_ISL_632290|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/USA/TX-DSHS-1957/2020|2020-06-21|EPI_ISL_765900|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/Scotland/GCVR-1714EF/2020|2020-03-28|EPI_ISL_489689|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0149/2020|2020-03-23|EPI_ISL_626370|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Japan/PG-5380/2020|2020-08-00|EPI_ISL_690483|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B087BD/2020|2020-10-30|EPI_ISL_643702|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2C2B2/2020|2020-11-02|EPI_ISL_680077|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-278/2020|2020-09-28|EPI_ISL_770753|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/CAMC-B5457C/2020|2020-11-06|EPI_ISL_658164|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A95CC6/2020|2020-10-20|EPI_ISL_624799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH809/2020|2020-04-24|EPI_ISL_513259|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Japan/PG-6950/2020|2020-00-00|EPI_ISL_688055|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-19206/2020|2020-12-07|EPI_ISL_748815|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-B1D621/2020|2020-11-01|EPI_ISL_710986|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-ISCIII-201779/2020|2020-03-07|EPI_ISL_539513|Original|hCoV-19^^Aragon|Human|Hospital Universitario Miguel Servet|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Denmark/ALAB-SSI-1260/2020|2020-03-11|EPI_ISL_444832|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUH-96503D/2020|2020-08-13|EPI_ISL_531034|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1017/2020|2020-08-25|EPI_ISL_653708|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Poland/Sla7/2020|2020-05-05|EPI_ISL_451661|Original|hCoV-19^^Slask|Human|State Sanitary Inspectorate|Laboratory of Recombinant Vaccines|Rabalski|Poland

>Spike|hCoV-19/Gibraltar/204462883/2020|2020-10-29|EPI_ISL_615050|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Belgium/ULG-10856/2020|2020-11-13|EPI_ISL_678400|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUH-9D1139/2020|2020-09-16|EPI_ISL_589917|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A7681/2020|2020-03-27|EPI_ISL_517053|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/204620607/2020|2020-11-09|EPI_ISL_700683|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B12E60/2020|2020-11-02|EPI_ISL_642645|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28F41/2020|2020-04-03|EPI_ISL_445461|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A84C9D/2020|2020-10-16|EPI_ISL_610618|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129016404/2020|2020-03-20|EPI_ISL_424002|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18264/2020|2020-11-17|EPI_ISL_784612|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1978/2020|2020-09-18|EPI_ISL_677386|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Africa/KRISP-0460/2020|2020-07-02|EPI_ISL_495550|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Finland/13KS15A3/2020|2020-06-13|EPI_ISL_737211|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-497C8E/2020|2020-11-26|EPI_ISL_726956|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B6650E/2020|2020-11-11|EPI_ISL_661337|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2449/2020|2020-03-16|EPI_ISL_604745|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-3021/2020|2020-07-29|EPI_ISL_635792|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-B6A3F1/2020|2020-11-11|EPI_ISL_662482|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8488/2020|2020-07-27|EPI_ISL_618382|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15738/2020|2020-11-23|EPI_ISL_713990|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9F9DDD/2020|2020-09-26|EPI_ISL_595767|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC5682/2020|2020-07-10|EPI_ISL_518488|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-CDC-2-3714173/2020|2020-11-28|EPI_ISL_751733|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Scotland/QEUA-96131A/2020|2020-08-04|EPI_ISL_531963|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-114071/2020|2020-10-03|EPI_ISL_577134|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NOTT-115799/2020|2020-10-14|EPI_ISL_595262|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-8291/2020|2020-08-00|EPI_ISL_687390|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-22447/2020|2020-08-05|EPI_ISL_570690|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C3D5B4/2020|2020-12-10|EPI_ISL_730655|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1357A2/2020|2020-04-12|EPI_ISL_457097|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20000/2020|2020-11-04|EPI_ISL_729669|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/PG-4787/2020|2020-08-00|EPI_ISL_689916|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/ARA-109970/2020|2020-11-20|EPI_ISL_728535|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/AZ-TG268289/2020|2020-03-17|EPI_ISL_426505|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|Lemmer|USA

>Spike|hCoV-19/England/QEUH-C9368C/2020|2020-12-17|EPI_ISL_777302|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F0626/2020|2020-09-24|EPI_ISL_580768|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3576/2020|2020-08-31|EPI_ISL_616904|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-488EA8/2020|2020-11-02|EPI_ISL_639512|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Nigeria/OS-CV285/2020|2020-06-24|EPI_ISL_729966|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/CruiseA-18/2020|2020-02-24|EPI_ISL_413623|Original|hCoV-19^^USA|Human|unknown|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/CruiseA-23/2020|2020-02-18|EPI_ISL_414482|Original|hCoV-19^^USA|Human|unknown|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Luxembourg/LNS1148230/2020|2020-03-22|EPI_ISL_739897|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-B9FE2F/2020|2020-11-18|EPI_ISL_721013|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12377/2020|2020-09-29|EPI_ISL_648538|Original|hCoV-19^^California|Human|Tulare County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Luxembourg/LNS6743711/2020|2020-10-23|EPI_ISL_744461|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Iran/K1r-142/2020|2020-06-00|EPI_ISL_767844|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/Ireland/LS-NVRL-75IRL79312/2020|2020-10-13|EPI_ISL_671922|Original|hCoV-19^^Laois|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-14983/2020|2020-11-23|EPI_ISL_713274|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2798/2020|2020-07-27|EPI_ISL_526732|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC10017/2020|2020-08-25|EPI_ISL_562763|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-16364/2020|2020-11-02|EPI_ISL_786048|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BAC250/2020|2020-11-18|EPI_ISL_783305|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13936/2020|2020-08-02|EPI_ISL_739220|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/CO-CDPHE-2011020311/2020|2020-11-01|EPI_ISL_771242|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Denmark/DCGC-6535/2020|2020-10-05|EPI_ISL_619435|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0956/2020|2020-07-16|EPI_ISL_602253|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/FL-BPHL-1828/2020|2020-04-08|EPI_ISL_613914|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-A878D2/2020|2020-10-17|EPI_ISL_606242|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15775/2020|2020-11-23|EPI_ISL_713194|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-F1DA1/2020|2020-10-23|EPI_ISL_627636|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-C45FE8/2020|2020-12-10|EPI_ISL_718351|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCCDA4/2020|2020-11-26|EPI_ISL_704293|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C638BC/2020|2020-12-13|EPI_ISL_735741|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-199-5783/2020|2020-03-26|EPI_ISL_574837|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/England/ALDP-9CB141/2020|2020-09-16|EPI_ISL_575464|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-515/2020|2020-08-19|EPI_ISL_700162|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/AZ-TG637309/2020|2020-07-29|EPI_ISL_695731|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-75D5A/2020|2020-03-29|EPI_ISL_438324|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-2096S/2020|2020-07-02|EPI_ISL_639917|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/MILK-BDC512/2020|2020-11-27|EPI_ISL_709719|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBB6C9/2020|2020-11-13|EPI_ISL_664223|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1853/2020|2020-03-27|EPI_ISL_579152|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUH-9B88CA/2020|2020-09-07|EPI_ISL_549761|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9DEC3B/2020|2020-09-21|EPI_ISL_584821|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-3178/2020|2020-03-00|EPI_ISL_691298|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AK-PHL560/2020|2020-06-22|EPI_ISL_512147|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/Scotland/QEUH-AA0615/2020|2020-10-21|EPI_ISL_666092|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B7BD3B/2020|2020-11-12|EPI_ISL_724054|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11064/2020|2020-12-14|EPI_ISL_737315|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/SHEF-C2617/2020|2020-04-30|EPI_ISL_462006|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-8632/2020|2020-08-00|EPI_ISL_686228|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C3124/2020|2020-07-03|EPI_ISL_526438|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-B405FB/2020|2020-11-08|EPI_ISL_657045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12F26E/2020|2020-04-13|EPI_ISL_488372|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12742/2020|2020-07-28|EPI_ISL_563586|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15657/2020|2020-07-09|EPI_ISL_785341|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-118746/2020|2020-12-11|EPI_ISL_745381|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUH-A0C40E/2020|2020-10-01|EPI_ISL_584972|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0158/2020|2020-04-01|EPI_ISL_480809|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Spain/RI-IBV-99005884/2020|2020-03-10|EPI_ISL_537426|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUI-9984DB/2020|2020-08-24|EPI_ISL_539916|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98008291/2020|2020-10-04|EPI_ISL_654543|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/BE-ETHZ-321413/2020|2020-10-14|EPI_ISL_603653|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-CB4C92/2020|2020-12-18|EPI_ISL_761800|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5918/2020|2020-06-28|EPI_ISL_547108|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-124F53/2020|2020-03-26|EPI_ISL_443999|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-4675/2020|2020-08-00|EPI_ISL_689812|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4978F3/2020|2020-11-22|EPI_ISL_726901|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-289313/2020|2020-03-29|EPI_ISL_458615|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008852/2020|2020-05-22|EPI_ISL_524868|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/MD-IBV-003670/2020|2020-04-01|EPI_ISL_467218|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/BL-ETHZ-400393/2020|2020-12-10|EPI_ISL_728863|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Turkey/HSGM-510/2020|2020-03-26|EPI_ISL_437314|Vero Pl|hCoV-19^^Ankara|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Canada/BC_21228218/2020|2020-03-00|EPI_ISL_462802|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/MILK-A7A3C2/2020|2020-10-15|EPI_ISL_606643|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20587/2020|2020-12-21|EPI_ISL_758747|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BB8F78/2020|2020-11-20|EPI_ISL_702738|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462833/2020|2020-10-29|EPI_ISL_615007|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Australia/VIC6299/2020|2020-07-23|EPI_ISL_518287|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-12D251/2020|2020-05-04|EPI_ISL_481808|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-170617/2020|2020-03-24|EPI_ISL_459614|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-12128A/2020|2020-12-15|EPI_ISL_741628|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Sweden/20-53089/2020|2020-07-15|EPI_ISL_648139|Original|hCoV-19^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Brazil/SP-751/2020|2020-06-17|EPI_ISL_735409|Original|hCoV-19^^S\u00e3o Paulo|Human|Unidade de Pronto Atendimento Carlos Lourenco|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/QEUH-9B3B11/2020|2020-09-04|EPI_ISL_573531|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11681/2020|2020-09-25|EPI_ISL_625492|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-17448/2020|2020-12-14|EPI_ISL_750991|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/ALAB-HH-235/2020|2020-04-28|EPI_ISL_452078|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/PHWC-484334/2020|2020-10-22|EPI_ISL_627991|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-111065/2020|2020-05-06|EPI_ISL_453621|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUH-AD4FE0/2020|2020-10-26|EPI_ISL_633871|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7692/2020|2020-07-31|EPI_ISL_564581|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-000156/2020|2020-04-08|EPI_ISL_631692|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMB-759CF/2020|2020-04-01|EPI_ISL_591082|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0367/2020|2020-11-00|EPI_ISL_721609|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C06192/2020|2020-12-05|EPI_ISL_709451|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Overijssel_26/2020|2020-03-16|EPI_ISL_460815|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-49D23B/2020|2020-06-08|EPI_ISL_559565|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-54BF25/2020|2020-05-12|EPI_ISL_533394|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2711/2020|2020-04-18|EPI_ISL_484651|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0044/2020|2020-03-16|EPI_ISL_513456|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Japan/PG-1059/2020|2020-04-00|EPI_ISL_684669|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9608EF/2020|2020-08-03|EPI_ISL_532075|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009019/2020|2020-05-15|EPI_ISL_525325|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-796/2020|2020-04-13|EPI_ISL_614718|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-Jeddah70/2020|2020-03-30|EPI_ISL_437757|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/TX-HMH-MCoV-9675/2020|2020-07-04|EPI_ISL_780217|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B0A584/2020|2020-10-31|EPI_ISL_673166|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A78B/2020|2020-11-01|EPI_ISL_645615|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2635/2020|2020-08-17|EPI_ISL_616514|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16118/2020|2020-11-16|EPI_ISL_714592|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BE-ChVir-D1987-4459/2020|2020-10-02|EPI_ISL_753773|Original|hCoV-19^^Berlin|Human|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/TX-DSHS-0300/2020|2020-06-13|EPI_ISL_534268|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Nigeria/BO-CV330/2020|2020-04-26|EPI_ISL_729999|Original|hCoV-19^^Borno State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/CA-CZB-5140/2020|2020-08-17|EPI_ISL_582974|Original|hCoV-19^^California|Human|San Luis Obispo Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-A2F924/2020|2020-10-06|EPI_ISL_586965|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9C3C57/2020|2020-09-09|EPI_ISL_566730|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A36DC/2020|2020-12-15|EPI_ISL_744126|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hong Kong/HKPU42-0302/2020|2020-02-10|EPI_ISL_419217|Original|hCoV-19^^Hong Kong|Human|Department of Pathology|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/England/CAMB-1B9C01/2020|2020-11-09|EPI_ISL_664580|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21601/2020|2020-12-21|EPI_ISL_758257|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0096/2020|2020-03-19|EPI_ISL_513505|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Canada/ON-UHTC_0023/2020|2020-03-31|EPI_ISL_464000|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUA-A1E3A2/2020|2020-09-28|EPI_ISL_587465|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-MSK-15B/2020|2020-04-13|EPI_ISL_583474|Original|hCoV-19^^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/England/NORW-F60A3/2020|2020-11-08|EPI_ISL_650915|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Hungary/SRC-00186/2020|2020-03-22|EPI_ISL_435408|Original|hCoV-19^^Baranya|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/USA/MA-MASPHL-00908/2020|2020-10-19|EPI_ISL_692839|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/South Africa/KRISP-K002702/2020|2020-07-30|EPI_ISL_535562|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Switzerland/BL-42219090/2020|2020-04-03|EPI_ISL_581678|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/20134019102/2020|2020-03-24|EPI_ISL_423101|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1834/2020|2020-09-09|EPI_ISL_605706|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC850/2020|2020-04-04|EPI_ISL_427110|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48B84D/2020|2020-11-05|EPI_ISL_666289|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204021315/2020|2020-09-28|EPI_ISL_686536|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-961AD9/2020|2020-08-02|EPI_ISL_537136|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-789D2F/2020|2020-07-15|EPI_ISL_533127|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0413/2020|2020-04-26|EPI_ISL_467807|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/MILK-9925ED/2020|2020-08-27|EPI_ISL_552041|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1363/2020|2020-07-17|EPI_ISL_541300|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-9C5DDA/2020|2020-09-10|EPI_ISL_567582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5003/2020|2020-09-14|EPI_ISL_622760|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-A8C8CE/2020|2020-10-16|EPI_ISL_643303|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491DFA/2020|2020-11-14|EPI_ISL_706781|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Zimbabwe/ZW-8911/2020|2020-06-01|EPI_ISL_644747|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/England/QEUEH-C328C5/2020|2020-12-09|EPI_ISL_782710|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51051/2020|2020-10-07|EPI_ISL_597529|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10044/2020|2020-11-09|EPI_ISL_669357|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-1B62B94/2020|2020-11-29|EPI_ISL_706284|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1056/2020|2020-06-04|EPI_ISL_517946|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Portugal/PT0893/2020|2020-03-20|EPI_ISL_511151|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUEH-AF2641/2020|2020-10-30|EPI_ISL_662810|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AAB119/2020|2020-10-21|EPI_ISL_652774|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0200/2020|2020-06-09|EPI_ISL_560813|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/BRIS-130552/2020|2020-04-12|EPI_ISL_492731|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1908/2020|2020-11-13|EPI_ISL_732121|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-B73D60/2020|2020-11-12|EPI_ISL_664502|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCBA9F/2020|2020-11-27|EPI_ISL_704357|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1A05/2020|2020-11-18|EPI_ISL_720439|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9413/2020|2020-11-09|EPI_ISL_668531|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10427/2020|2020-11-02|EPI_ISL_669962|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/GCVR-17088A/2020|2020-03-25|EPI_ISL_459683|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2241/2020|2020-08-07|EPI_ISL_667157|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/VIC6643/2020|2020-07-19|EPI_ISL_521400|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48FC89/2020|2020-11-11|EPI_ISL_681210|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2426/2020|2020-06-04|EPI_ISL_514829|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUA-A9F34F/2020|2020-10-20|EPI_ISL_611361|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20640/2020|2020-12-21|EPI_ISL_759269|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7D1B0/2020|2020-04-06|EPI_ISL_442058|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9150/2020|2020-07-02|EPI_ISL_780971|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-1903/2020|2020-10-05|EPI_ISL_614091|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-A6CF56/2020|2020-10-14|EPI_ISL_608153|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0042/2020|2020-03-17|EPI_ISL_418027|Original|hCoV-19^^Portugal|Human|CHTMAD|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Northern Ireland/QEUA-96E5F9/2020|2020-08-17|EPI_ISL_530610|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6620/2020|2020-06-24|EPI_ISL_546123|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-2733/2020|2020-08-17|EPI_ISL_616478|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9F1F84/2020|2020-09-24|EPI_ISL_589665|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG366769/2020|2020-06-04|EPI_ISL_694514|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC278/2020|2020-03-22|EPI_ISL_419971|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory

(VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/England/20206139704/2020|2020-05-14|EPI_ISL_465666|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-21623/2020|2020-12-21|EPI_ISL_758268|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Canada/ON-S729/2020|2020-04-00|EPI_ISL_591153|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/England/NORT-29C8A5/2020|2020-05-03|EPI_ISL_484285|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Gambia/NPHL-1230/2020|2020-06-30|EPI_ISL_561218|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia
>Spike|hCoV-19/Wales/PHWC-16AA50/2020|2020-09-13|EPI_ISL_560144|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-746AB/2020|2020-03-29|EPI_ISL_425323|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS0921251/2020|2020-11-21|EPI_ISL_739857|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/ALDP-4A667F/2020|2020-06-10|EPI_ISL_559607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-10364/2020|2020-09-12|EPI_ISL_648545|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/USA/MN-UMGC-6/2020|2020-03-30|EPI_ISL_443257|Original|hCoV-19^^Minnesota|Human|M Health Fairview|University of Minnesota Genomics Center|Garbe|USA
>Spike|hCoV-19/Netherlands/NB-EMC-280/2020|2020-05-01|EPI_ISL_523402|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/MILK-ACC9ED/2020|2020-10-21|EPI_ISL_629423|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC15916/2020|2020-07-31|EPI_ISL_640687|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/CT-Yale-280/2020|2020-04-02|EPI_ISL_469203|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA
>Spike|hCoV-19/USA/WA-NH24/2020|2020-03-13|EPI_ISL_418791|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/Wales/PHWC-47E889/2020|2020-09-29|EPI_ISL_595514|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-10273/2020|2020-07-07|EPI_ISL_789156|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-8250/2020|2020-10-26|EPI_ISL_617092|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-2100/2020|2020-05-20|EPI_ISL_545120|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-111583/2020|2020-11-24|EPI_ISL_728548|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/20166015404/2020|2020-04-15|EPI_ISL_466538|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_73/2020|2020-04-16|EPI_ISL_645072|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Wales/QEUIH-AE1D13/2020|2020-10-26|EPI_ISL_647874|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-UBI-12/2020|2020-04-06|EPI_ISL_602293|original|hCoV-19^^North Rhine-Westphalia|Human|Evangelisches Klinikum Bethel|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/Spain/PV-IBV-003201/2020|2020-03-11|EPI_ISL_481026|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8606/2020|2020-08-00|EPI_ISL_686202|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/SP-354/2020|2020-06-19|EPI_ISL_547574|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Universitario da USP|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Wales/PHWC-24A17/2020|2020-03-19|EPI_ISL_419470|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4368/2020|2020-06-17|EPI_ISL_543565|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3749/2020|2020-04-00|EPI_ISL_692002|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-16404/2020|2020-11-02|EPI_ISL_786088|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUIH-9F8776/2020|2020-09-27|EPI_ISL_588838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02694/2020|2020-09-14|EPI_ISL_765587|Original|hCoV-19^^Massachusetts|Human|Brigham and Womens Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19840/2020|2020-11-28|EPI_ISL_784164|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Israel/CVL-n18467/2020|2020-06-04|EPI_ISL_516896|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/QEUIH-AD3A68/2020|2020-10-26|EPI_ISL_629871|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00242035/2020|2020-03-28|EPI_ISL_536306|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Australia/NSW2944/2020|2020-11-02|EPI_ISL_678376|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Scotland/QEUIH-9F6FAD/2020|2020-09-27|EPI_ISL_595649|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Peru/CAL-UPCH-0037/2020|2020-06-17|EPI_ISL_529074|Original|hCoV-19^^Callao|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/ALDP-A68E3F/2020|2020-10-12|EPI_ISL_608443|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-BIE-064/2020|2020-04-08|EPI_ISL_455618|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Norway/2534/2020|2020-05-04|EPI_ISL_471176|Original|hCoV-19^^Norway|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/Australia/NSW348/2020|2020-03-23|EPI_ISL_451609|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-3222/2020|2020-08-31|EPI_ISL_616882|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94D9C7/2020|2020-06-20|EPI_ISL_555277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-370522/2020|2020-11-19|EPI_ISL_694004|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/WA434/2020|2020-09-25|EPI_ISL_672646|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18025/2020|2020-11-16|EPI_ISL_786173|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A6B9E/2020|2020-12-17|EPI_ISL_763581|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-0501634/2020|2020-05-01|EPI_ISL_734691|Original|hCoV-19^^Vilvoorde|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Canada/MB-NML-577/2020|2020-04-28|EPI_ISL_632909|Original|hCoV-19^^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial laboratory|Majer|Canada

>Spike|hCoV-19/Northern Ireland/NIRE-FB3E1/2020|2020-03-20|EPI_ISL_441418|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/NJ-QDX-2518/2020|2020-03-14|EPI_ISL_604790|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20157/2020|2020-11-16|EPI_ISL_723324|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/BRIS-121CD7/2020|2020-03-18|EPI_ISL_440241|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9281/2020|2020-07-03|EPI_ISL_781032|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7121/2020|2020-08-00|EPI_ISL_688226|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-95F485/2020|2020-08-06|EPI_ISL_532409|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9939FF/2020|2020-08-26|EPI_ISL_552336|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200428/2020|2020-04-24|EPI_ISL_578587|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/CA-QDX-1982/2020|2020-03-18|EPI_ISL_604295|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20535/2020|2020-05-12|EPI_ISL_460583|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13879/2020|2020-08-17|EPI_ISL_787172|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NJ-QDX-1883/2020|2020-03-14|EPI_ISL_604228|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-7539/2020|2020-08-00|EPI_ISL_686641|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-2A5E89/2020|2020-10-06|EPI_ISL_611591|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Portugal/PT1922/2020|2020-11-14|EPI_ISL_732134|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl MMC-01/2020|2020-06-28|EPI_ISL_774963|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Germany/HH-hpi-p1796/2020|2020-03-19|EPI_ISL_776165|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUH-9CE1D5/2020|2020-09-15|EPI_ISL_590147|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH1-140/2020|2020-02-27|EPI_ISL_454916|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Scotland/QEUH-A0B6BE/2020|2020-10-03|EPI_ISL_599239|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51BBA/2020|2020-10-07|EPI_ISL_598165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1608/2020|2020-04-00|EPI_ISL_685214|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9C1C77/2020|2020-09-10|EPI_ISL_572714|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-A33468/2020|2020-10-03|EPI_ISL_628381|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8551/2020|2020-10-26|EPI_ISL_625904|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-282014-01/2020|2020-12-01|EPI_ISL_754416|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/India/DL-NCDC2051-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482535|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-14512/2020|2020-10-08|EPI_ISL_787797|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS0116765/2020|2020-12-02|EPI_ISL_771024|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/Zeeland_7/2020|2020-03-22|EPI_ISL_461289|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1AC76A/2020|2020-04-23|EPI_ISL_489514|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAIMRC59/2020|2020-03-30|EPI_ISL_507024|unknown|hCoV-19^^Saudi Arabia|Human|unknown|Infectious Diseases Research|Submitter|Saudi Arabia

>Spike|hCoV-19/England/EXET-1373D9/2020|2020-03-25|EPI_ISL_471972|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4567/2020|2020-07-07|EPI_ISL_667011|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-14242/2020|2020-11-30|EPI_ISL_711648|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B140A4/2020|2020-11-03|EPI_ISL_641693|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD2577/2020|2020-10-25|EPI_ISL_629864|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-31/2020|2020-06-12|EPI_ISL_482889|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Laboratoire de virologie - \u00c9cole Nationale V\u00e9t\u00e9rinaire de Toulouse|Croville|France

>Spike|hCoV-19/USA/CA-CZB-14669/2020|2020-11-16|EPI_ISL_739410|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A865FA/2020|2020-10-16|EPI_ISL_606177|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2337/2020|2020-06-11|EPI_ISL_496969|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-18986/2020|2020-12-07|EPI_ISL_748182|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-993652/2020|2020-08-26|EPI_ISL_552138|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A80F7A/2020|2020-10-14|EPI_ISL_610891|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PR-CDC-S29/2020|2020-07-06|EPI_ISL_539495|Original|hCoV-19^^Puerto Rico|Human|Centers for Disease Control and Prevention|Centers for Disease Control and Prevention|Santiago|USA

>Spike|hCoV-19/South Korea/KCDC2178/2020|2020-03-24|EPI_ISL_506972|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-C8CA3F/2020|2020-12-15|EPI_ISL_777532|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20833/2020|2020-12-21|EPI_ISL_759392|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/OCC-SC521/2020|2020-05-11|EPI_ISL_660708|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Australia/QLD993/2020|2020-07-22|EPI_ISL_530253|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Scotland/CVR317/2020|2020-03-21|EPI_ISL_439047|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B22C27/2020|2020-11-02|EPI_ISL_647136|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-C1495/2020|2020-06-10|EPI_ISL_528565|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/ALDP-B83C60/2020|2020-11-14|EPI_ISL_675351|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-269/2020|2020-05-01|EPI_ISL_498704|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18381/2020|2020-11-18|EPI_ISL_784729|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-D3464/2020|2020-05-13|EPI_ISL_462084|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8391/2020|2020-06-30|EPI_ISL_783588|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-C34553/2020|2020-12-11|EPI_ISL_734127|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DDA7E/2020|2020-09-21|EPI_ISL_599532|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-289243/2020|2020-03-28|EPI_ISL_453499|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM97612587/2020|2020-12-02|EPI_ISL_753576|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Wales/PHWC-2920B/2020|2020-04-04|EPI_ISL_445495|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000962/2020|2020-09-30|EPI_ISL_632995|Original|hCoV-19^^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC5942/2020|2020-07-18|EPI_ISL_518721|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-CB5824/2020|2020-12-17|EPI_ISL_761711|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG341564/2020|2020-06-01|EPI_ISL_694378|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/LIVE-A6039/2020|2020-03-21|EPI_ISL_499677|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-9A27E/2020|2020-04-18|EPI_ISL_439862|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-282766-01/2020|2020-12-02|EPI_ISL_754437|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-7A07A/2020|2020-04-02|EPI_ISL_441261|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1609/2020|2020-08-20|EPI_ISL_614018|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-54B9FA/2020|2020-05-12|EPI_ISL_533429|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-73105/2020|2020-03-22|EPI_ISL_440180|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-3253/2020|2020-06-00|EPI_ISL_691368|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-0554/2020|2020-07-14|EPI_ISL_498093|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B02249/2020|2020-10-24|EPI_ISL_642903|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B692D7/2020|2020-11-11|EPI_ISL_661526|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09389/2020|2020-03-19|EPI_ISL_450071|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/UT-UPHL-2012619534/2020|2020-08-14|EPI_ISL_746192|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Portugal/PT1155/2020|2020-04-25|EPI_ISL_511702|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Ireland/TA-NVRL-21023/2020|2020-03-06|EPI_ISL_418516|Original|hCoV-19^^Tipperary|Human|UCD National Virus Reference Laboratory|UCD National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/India/MH-ACTREC-288/2020|2020-07-13|EPI_ISL_699940|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/QEUA-98F57A/2020|2020-08-27|EPI_ISL_568457|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462849/2020|2020-10-29|EPI_ISL_615019|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Australia/VIC250/2020|2020-03-21|EPI_ISL_419945|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/MI-UM-10036852009/2020|2020-11-09|EPI_ISL_728492|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Spain/PV-IBV-98008424/2020|2020-10-20|EPI_ISL_654600|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-C47CB2/2020|2020-12-12|EPI_ISL_718719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB19AE/2020|2020-11-17|EPI_ISL_720306|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB10221/2020|2020-11-24|EPI_ISL_705734|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/BRIS-129FC7/2020|2020-04-16|EPI_ISL_458405|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-HUG-0199-2/2020|2020-03-21|EPI_ISL_429197|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/USA/LA-EVTL1094/2020|2020-12-01|EPI_ISL_768364|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/UT-08666/2020|2020-05-07|EPI_ISL_524392|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B80F79/2020|2020-11-14|EPI_ISL_667967|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A1FD3A/2020|2020-10-01|EPI_ISL_598940|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5A488/2020|2020-11-06|EPI_ISL_658185|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8370/2020|2020-10-26|EPI_ISL_617346|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E9E0A/2020|2020-09-24|EPI_ISL_580179|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MN-NVRL-20Z06790/2020|2020-04-18|EPI_ISL_671361|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Spain/VC-FISABIO-565/2020|2020-03-27|EPI_ISL_447497|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/QEUEH-9DD874/2020|2020-09-21|EPI_ISL_599513|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0474/2020|2020-12-11|EPI_ISL_755565|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Australia/VIC16999/2020|2020-08-05|EPI_ISL_663679|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Italy/LAZ-INMI-39/2020|2020-06-12|EPI_ISL_603146|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/England/QEUEH-B13D53/2020|2020-11-01|EPI_ISL_641900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/Qc-L00241251/2020|2020-03-27|EPI_ISL_465701|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Hungary/US-57576w/2020|2020-10-01|EPI_ISL_677799|Original|hCoV-19^^B\u00e9k\u00e9s county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/AZ-TG640936/2020|2020-04-12|EPI_ISL_695820|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Scotland/EDB5339/2020|2020-05-22|EPI_ISL_493958|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2450/2020|2020-04-19|EPI_ISL_776512|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/New Zealand/20VR2522/2020|2020-04-15|EPI_ISL_456382|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/TX-HMH-6884/2020|2020-06-25|EPI_ISL_546319|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS5663351/2020|2020-11-04|EPI_ISL_744270|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MA-MGH-02829/2020|2020-10-23|EPI_ISL_765653|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/CVR2728/2020|2020-04-18|EPI_ISL_478027|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-BC65B1/2020|2020-11-20|EPI_ISL_721307|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEADFC/2020|2020-10-26|EPI_ISL_633270|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16991/2020|2020-12-14|EPI_ISL_750695|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A1E8D0/2020|2020-10-01|EPI_ISL_587365|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204522829/2020|2020-11-03|EPI_ISL_678647|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A51446/2020|2020-10-08|EPI_ISL_598017|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-970DB0/2020|2020-08-18|EPI_ISL_553245|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10110B/2020|2020-04-30|EPI_ISL_482142|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2316/2020|2020-06-11|EPI_ISL_496948|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/NoordBrabant_113/2020|2020-03-20|EPI_ISL_461148|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-20227/2020|2020-11-30|EPI_ISL_747625|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7286B/2020|2020-03-23|EPI_ISL_439931|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49BFEB/2020|2020-12-07|EPI_ISL_742493|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-5C6D55/2020|2020-06-19|EPI_ISL_558429|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR839/2020|2020-03-27|EPI_ISL_439120|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6834E/2020|2020-11-11|EPI_ISL_661533|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/11411/2020|2020-05-25|EPI_ISL_527561|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Finland/6LS13B1/2020|2020-10-06|EPI_ISL_756076|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/CA-CZB-14849/2020|2020-11-20|EPI_ISL_738999|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/SHEF-D1624/2020|2020-05-04|EPI_ISL_490641|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Ireland/LD-NVRL-20G48731/2020|2020-04-04|EPI_ISL_763350|Original|hCoV-19^^Longford|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Australia/VIC5362/2020|2020-07-18|EPI_ISL_520125|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9BDA74/2020|2020-09-10|EPI_ISL_568147|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG569505/2020|2020-07-10|EPI_ISL_695589|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-21788/2020|2020-12-21|EPI_ISL_757920|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11935/2020|2020-08-05|EPI_ISL_591898|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-106F93/2020|2020-03-28|EPI_ISL_585092|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/EXET-135A03/2020|2020-04-21|EPI_ISL_457125|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC14839/2020|2020-08-17|EPI_ISL_593023|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-2894/2020|2020-03-00|EPI_ISL_691020|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-5911/2020|2020-06-28|EPI_ISL_547103|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/mink/Denmark/mDK-21/2020|2020-10-26|EPI_ISL_641414|unknown|hCoV-19^^Denmark|Neovison vison|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B4AB2/2020|2020-04-30|EPI_ISL_534992|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B1DF26/2020|2020-11-01|EPI_ISL_723548|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/LIVE-A26D1/2020|2020-05-20|EPI_ISL_500002|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Chile/RM-ISPCH-22/2020|2020-03-11|EPI_ISL_445265|Original|hCoV-19^^Region Metropolitana de Santiago|Human|PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/LIVE-9E0F8/2020|2020-04-03|EPI_ISL_453269|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Colombia/CAU-INS-80705/2020|2020-03-17|EPI_ISL_456124|Original|hCoV-19^^Cauca|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/Denmark/DCGC-22656/2020|2020-12-07|EPI_ISL_757692|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K004281-CE1/2020|2020-11-05|EPI_ISL_660164|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/Gelderland_2/2020|2020-03-09|EPI_ISL_415462|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYUMC718/2020|2020-03-26|EPI_ISL_451433|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-A6F4FA/2020|2020-10-14|EPI_ISL_607815|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13145/2020|2020-08-26|EPI_ISL_788296|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-QDX-1047/2020|2020-03-17|EPI_ISL_571723|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr101/2020|2020-04-19|EPI_ISL_541847|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Switzerland/ZH-ETHZ-120031/2020|2020-04-18|EPI_ISL_468223|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/France/PAC-IHU-0965/2020|2020-07-13|EPI_ISL_569015|Original|hCoV-19^^Provence-Alpes-Côte-d'Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-15809/2020|2020-11-23|EPI_ISL_714034|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BABBED/2020|2020-11-18|EPI_ISL_681362|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7639/2020|2020-06-26|EPI_ISL_546906|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-7255/2020|2020-10-12|EPI_ISL_619231|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A523FD/2020|2020-10-07|EPI_ISL_598002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16652/2020|2020-08-09|EPI_ISL_640914|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG502386/2020|2020-07-15|EPI_ISL_695282|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B492FB/2020|2020-11-07|EPI_ISL_649380|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15459/2020|2020-10-23|EPI_ISL_786943|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20238072204/2020|2020-06-04|EPI_ISL_471514|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Finland/FIN-25/2020|2020-02-25|EPI_ISL_412971|Original|hCoV-19^^Helsinki|Human|HUS Diagnostiikkakeskus|Department of Virology Faculty of Medicine|Smura|Finland

>Spike|hCoV-19/England/ALDP-49B19A/2020|2020-06-12|EPI_ISL_559323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13728/2020|2020-08-17|EPI_ISL_788821|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS2489430/2020|2020-06-30|EPI_ISL_740129|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-1AF864/2020|2020-05-01|EPI_ISL_459249|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1873/2020|2020-06-24|EPI_ISL_745264|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-AA0BDA/2020|2020-10-22|EPI_ISL_625134|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2DD2/2020|2020-10-22|EPI_ISL_623923|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR6055/2020|2020-11-30|EPI_ISL_705721|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-995C4F/2020|2020-08-25|EPI_ISL_551604|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1A9F/2020|2020-04-03|EPI_ISL_493642|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-MPF91857/2020|2020-03-19|EPI_ISL_767717|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Norway/2889/2020|2020-07-14|EPI_ISL_549132|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Australia/SAP600/2020|2020-12-30|EPI_ISL_755570|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Scotland/QEUEH-9AE6BE/2020|2020-09-05|EPI_ISL_577366|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDBC3/2020|2020-05-09|EPI_ISL_580789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C40C3/2020|2020-09-10|EPI_ISL_566821|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487E8B/2020|2020-10-29|EPI_ISL_639316|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AC11FF/2020|2020-10-10|EPI_ISL_630982|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E9E0/2020|2020-10-10|EPI_ISL_595535|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24E48/2020|2020-03-00|EPI_ISL_432101|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1123/2020|2020-06-21|EPI_ISL_615160|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-B3251A/2020|2020-11-05|EPI_ISL_659416|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1721/2020|2020-09-09|EPI_ISL_605594|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/QEUA-9DD470/2020|2020-09-21|EPI_ISL_599539|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B9E0EE/2020|2020-11-18|EPI_ISL_720926|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4226/2020|2020-03-31|EPI_ISL_430938|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-B0B34D/2020|2020-10-30|EPI_ISL_643429|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3173/2020|2020-03-24|EPI_ISL_579463|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-48EA9F/2020|2020-11-07|EPI_ISL_680956|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1330/2020|2020-05-15|EPI_ISL_495780|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9E6104/2020|2020-09-24|EPI_ISL_580456|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A283/2020|2020-12-09|EPI_ISL_731181|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4062347/2020|2020-11-24|EPI_ISL_740413|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUA-B13306/2020|2020-11-03|EPI_ISL_649607|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1000/2020|2020-08-22|EPI_ISL_530258|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/QEUH-963503/2020|2020-08-10|EPI_ISL_531853|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009045/2020|2020-05-12|EPI_ISL_525059|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-B5CC15/2020|2020-11-09|EPI_ISL_655778|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3800/2020|2020-06-12|EPI_ISL_548409|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Brazil/CE-L13-CD230/2020|2020-03-21|EPI_ISL_476232|Original|hCoV-19^^Cear\u00e1|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/EXET-1375F1/2020|2020-06-03|EPI_ISL_471979|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02243/2020|2020-09-00|EPI_ISL_671513|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMB-72E0F/2020|2020-03-21|EPI_ISL_440044|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/20146007804/2020|2020-03-31|EPI_ISL_466023|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-2839BD/2020|2020-04-01|EPI_ISL_488643|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9848/2020|2020-11-09|EPI_ISL_669225|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-A00868/2020|2020-09-30|EPI_ISL_600361|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/TUS-DBM-10/2020|2020-03-21|EPI_ISL_583954|Original|hCoV-19^^Tuscany|Human|UOC Microbiologia e Virologia|Dipartimento di Biotecnologie Mediche|Pinzauti|Italy

>Spike|hCoV-19/Denmark/DCGC-8618/2020|2020-10-26|EPI_ISL_625753|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A9B69/2020|2020-09-01|EPI_ISL_551063|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D87DC/2020|2020-12-14|EPI_ISL_742114|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LIVE-DC27DB/2020|2020-11-23|EPI_ISL_703208|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9A98CC/2020|2020-08-31|EPI_ISL_550866|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1190B8/2020|2020-10-30|EPI_ISL_626750|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-MH10281M/2020|2020-11-11|EPI_ISL_733486|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/PHWC-169884/2020|2020-07-20|EPI_ISL_512525|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-95FBEA/2020|2020-08-05|EPI_ISL_531900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10580/2020|2020-10-23|EPI_ISL_626255|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-5670/2020|2020-09-28|EPI_ISL_619957|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B52C00/2020|2020-11-09|EPI_ISL_657427|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11399/2020|2020-08-30|EPI_ISL_563357|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/OXON-B3D50/2020|2020-03-23|EPI_ISL_534910|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-960EED/2020|2020-08-04|EPI_ISL_532107|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8824/2020|2020-08-03|EPI_ISL_565217|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-4336/2020|2020-09-07|EPI_ISL_615536|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B12BD2/2020|2020-11-02|EPI_ISL_642626|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4226/2020|2020-09-14|EPI_ISL_622119|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4939/2020|2020-10-02|EPI_ISL_594705|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2007230810/2020|2020-07-22|EPI_ISL_710214|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH867/2020|2020-05-24|EPI_ISL_513021|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/India/GJ-GBRC296a/2020|2020-06-15|EPI_ISL_495036|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/ALDP-B4655F/2020|2020-11-07|EPI_ISL_655999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-IK13/2020|2020-04-20|EPI_ISL_508342|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/NY-NYCPHL-001042/2020|2020-09-08|EPI_ISL_633054|Original|hCoV-19^^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/South Africa/KRISP-K004634/2020|2020-11-02|EPI_ISL_660650|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/NORT-29EACB/2020|2020-05-12|EPI_ISL_488148|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480C3D/2020|2020-10-16|EPI_ISL_612172|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B47F14/2020|2020-11-07|EPI_ISL_649251|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139047604/2020|2020-03-28|EPI_ISL_420695|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR2920/2020|2020-04-21|EPI_ISL_461589|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D8B1/2020|2020-11-30|EPI_ISL_742843|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A87386/2020|2020-10-17|EPI_ISL_606092|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14837/2020|2020-11-23|EPI_ISL_712018|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10236/2020|2020-06-26|EPI_ISL_498142|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-BB563A/2020|2020-11-20|EPI_ISL_702012|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12631/2020|2020-11-16|EPI_ISL_682812|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/GE-RIVM-20292/2020|2020-11-18|EPI_ISL_723431|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Germany/NW-HHU-514/2020|2020-09-19|EPI_ISL_770730|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/PORT-2D4962/2020|2020-10-13|EPI_ISL_612089|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Israel/n14294/2020|2020-04-13|EPI_ISL_483724|Original|hCoV-19^^Kfar Saba|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Sweden/20-08311/2020|2020-03-21|EPI_ISL_475097|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-9FA307/2020|2020-09-28|EPI_ISL_588239|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S755/2020|2020-04-14|EPI_ISL_449925|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/SHEF-CEB94/2020|2020-10-13|EPI_ISL_596217|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-C78535/2020|2020-12-15|EPI_ISL_756757|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C14BEE/2020|2020-12-06|EPI_ISL_709465|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MO_4470/2020|2020-03-06|EPI_ISL_424870|Original|hCoV-19^^Missouri|Human|MO State Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Spain/AN-IBV-98001704/2020|2020-04-12|EPI_ISL_538132|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-6307/2020|2020-09-07|EPI_ISL_615470|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0051/2020|2020-03-19|EPI_ISL_513462|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Japan/PG-1895/2020|2020-04-00|EPI_ISL_685501|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-124D354/2020|2020-03-20|EPI_ISL_507087|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26513032/2020|2020-04-22|EPI_ISL_485081|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Scotland/EDB3542/2020|2020-04-13|EPI_ISL_487887|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3612/2020|2020-05-20|EPI_ISL_473732|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008752/2020|2020-10-20|EPI_ISL_654269|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/VA-DCLS-0118/2020|2020-04-11|EPI_ISL_437763|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Canada/ON_QGLO-010/2020|2020-03-26|EPI_ISL_459869|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Center|Queen's Genomics Lab at Ongwanada (Q-GLO) |Sjaarda|Canada

>Spike|hCoV-19/USA/UT-UPHL-201222051/2020|2020-04-07|EPI_ISL_678525|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-941820/2020|2020-07-24|EPI_ISL_556860|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26791745/2020|2020-04-06|EPI_ISL_485361|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Japan/PG-5844/2020|2020-08-00|EPI_ISL_688961|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/OCC-18/2020|2020-04-09|EPI_ISL_434633|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Laboratoire de virologie - \u00e9cole Nationale V\u00e9t\u00e9rinaire de Toulouse|Crovill\u00e9|France

>Spike|hCoV-19/USA/TX-DSHS-0757/2020|2020-05-20|EPI_ISL_584157|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/FL-AJ50/2020|2020-07-04|EPI_ISL_513287|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/England/ALDP-B84801/2020|2020-11-14|EPI_ISL_675719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2FBA6/2020|2020-10-05|EPI_ISL_587154|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1551/2020|2020-04-00|EPI_ISL_685157|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10707/2020|2020-11-02|EPI_ISL_670151|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-CADD6C/2020|2020-12-20|EPI_ISL_760820|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0611/2020|2020-04-11|EPI_ISL_568887|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/WA-UW-47417/2020|2020-12-11|EPI_ISL_776723|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/PA-MGEL-00418/2020|2020-06-28|EPI_ISL_682016|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/South Africa/KRISP-K002694/2020|2020-07-27|EPI_ISL_535556|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Spain/VC-IBV-98003633/2020|2020-03-10|EPI_ISL_538639|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-WSLH-200566/2020|2020-05-31|EPI_ISL_578679|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Australia/NSW1214/2020|2020-11-19|EPI_ISL_672658|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-95A806/2020|2020-06-12|EPI_ISL_553394|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5478/2020|2020-05-06|EPI_ISL_700515|Original|hCoV-19^^Western Cape|Human|Hanover Park CHC wc HPH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Canada/BC-BCCDC-6399/2020|2020-10-00|EPI_ISL_740555|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-8500/2020|2020-07-01|EPI_ISL_780595|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S505/2020|2020-03-29|EPI_ISL_434265|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Spain/PV-IBV-001605/2020|2020-03-12|EPI_ISL_467164|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/ULG-10615/2020|2020-08-31|EPI_ISL_626240|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMB-1AACB8/2020|2020-04-18|EPI_ISL_470289|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14342/2020|2020-11-30|EPI_ISL_711705|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-MEPHI-2087/2020|2020-08-29|EPI_ISL_644493|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-5034/2020|2020-09-14|EPI_ISL_622754|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16D7B0/2020|2020-09-25|EPI_ISL_577447|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B9005/2020|2020-00-00|EPI_ISL_705505|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00277/2020|2020-04-01|EPI_ISL_460098|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Ecuador/UEES-7235/2020|2020-00-00|EPI_ISL_672000|Original|hCoV-19^^Ecuador|Human|UEES BioLab|Omics Sciences Laboratory|Fernandez Cadena|Ecuador

>Spike|hCoV-19/England/MILK-B94CD5/2020|2020-11-14|EPI_ISL_676011|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A58A5C/2020|2020-10-09|EPI_ISL_609159|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1313/2020|2020-03-31|EPI_ISL_648245|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-A708CD/2020|2020-10-14|EPI_ISL_608205|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18490/2020|2020-12-07|EPI_ISL_749999|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-96EA18/2020|2020-08-19|EPI_ISL_530546|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/0125-A174/2020|2020-01-25|EPI_ISL_493163|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/Japan/PG-5253/2020|2020-08-00|EPI_ISL_690356|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-487DBB/2020|2020-10-31|EPI_ISL_637608|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12D6BF/2020|2020-05-07|EPI_ISL_481894|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11856/2020|2020-10-02|EPI_ISL_625615|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/BRIS-12F037/2020|2020-04-24|EPI_ISL_488375|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2664/2020|2020-12-15|EPI_ISL_743922|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-SR0360/2020|2020-04-29|EPI_ISL_458244|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-20018/2020|2020-12-07|EPI_ISL_747933|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA37E2/2020|2020-10-22|EPI_ISL_625265|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020330167/2020|2020-09-05|EPI_ISL_644606|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Wales/PHWC-49CFFF/2020|2020-12-09|EPI_ISL_742691|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/DRC/431/2020|2020-03-26|EPI_ISL_420847|Original|hCoV-19^^Democratic Republic of the Congo|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/Vietnam/VNHN_0418/2020|2020-03-10|EPI_ISL_435311|Original|hCoV-19^^Vietnam|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/Australia/WA171/2020|2020-09-14|EPI_ISL_596734|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/DCGC-4605/2020|2020-09-21|EPI_ISL_621274|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1825/2020|2020-06-22|EPI_ISL_738191|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/NSW662/2020|2020-07-13|EPI_ISL_498781|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/QEUA-B10AE6/2020|2020-11-02|EPI_ISL_649569|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CDBF/2020|2020-09-23|EPI_ISL_574167|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2331/2020|2020-05-25|EPI_ISL_545250|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1693/2020|2020-06-22|EPI_ISL_618161|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Gibraltar/205000707/2020|2020-12-00|EPI_ISL_710029|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Luxembourg/LNS9164114/2020|2020-11-06|EPI_ISL_744863|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC3910/2020|2020-00-00|EPI_ISL_520622|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/GSTT-5214/2020|2020-03-18|EPI_ISL_560662|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14948/2020|2020-11-23|EPI_ISL_713299|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20182006804/2020|2020-04-27|EPI_ISL_465445|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1173/2020|2020-03-28|EPI_ISL_571820|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-3226/2020|2020-07-14|EPI_ISL_635923|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-C57BA3/2020|2020-12-12|EPI_ISL_736313|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21731/2020|2020-12-21|EPI_ISL_757770|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-485B77/2020|2020-10-20|EPI_ISL_628257|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A79949/2020|2020-10-14|EPI_ISL_606818|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13494/2020|2020-11-30|EPI_ISL_712178|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1274/2020|2020-06-25|EPI_ISL_678006|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-A44E2A/2020|2020-10-06|EPI_ISL_598656|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-270054/2020|2020-09-01|EPI_ISL_541419|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Chile/RM-CMM-ADC1858/2020|2020-06-08|EPI_ISL_591528|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Medicina Norte U Chile - Servicio Medico Legal|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\|Chile

>Spike|hCoV-19/Japan/PG-6713/2020|2020-07-00|EPI_ISL_687824|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0267/2020|2020-04-04|EPI_ISL_453981|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-CZB-10943/2020|2020-09-14|EPI_ISL_583030|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Beijing/DT-travelFR02/2020|2020-03-24|EPI_ISL_452337|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/USA/TX-HMH037/2020|2020-03-08|EPI_ISL_434746|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A92E0F/2020|2020-10-20|EPI_ISL_610947|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABB2C8/2020|2020-10-22|EPI_ISL_623493|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A86AC/2020|2020-04-02|EPI_ISL_539046|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B05B/2020|2020-04-11|EPI_ISL_433908|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-A50474/2020|2020-10-07|EPI_ISL_597666|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCB2B/2020|2020-10-01|EPI_ISL_587797|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3BCD0/2020|2020-11-01|EPI_ISL_679803|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4600/2020|2020-06-22|EPI_ISL_543746|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2940/2020|2020-07-08|EPI_ISL_521770|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B5DFA2/2020|2020-11-09|EPI_ISL_723619|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-ACC437/2020|2020-10-21|EPI_ISL_634423|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-796/2020|2020-07-05|EPI_ISL_495500|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-1118/2020|2020-04-00|EPI_ISL_684728|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9608A3/2020|2020-08-04|EPI_ISL_532134|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BBC1E/2020|2020-11-14|EPI_ISL_679209|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-4091/2020|2020-08-13|EPI_ISL_548634|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-14420/2020|2020-07-08|EPI_ISL_739323|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/20129056804/2020|2020-03-21|EPI_ISL_424052|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0047/2020|2020-04-02|EPI_ISL_464012|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/WA-UW-6343/2020|2020-04-02|EPI_ISL_570098|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/ALAB-SSI166/2020|2020-03-09|EPI_ISL_429380|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-5804/2020|2020-09-28|EPI_ISL_620991|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-260/2020|2020-04-18|EPI_ISL_428936|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Portugal/PT1487/2020|2020-03-19|EPI_ISL_511446|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-2BEBA/2020|2020-04-10|EPI_ISL_445863|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B43983/2020|2020-11-08|EPI_ISL_657111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5084/2020|2020-09-21|EPI_ISL_621622|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT0601/2020|2020-04-06|EPI_ISL_454324|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-4678/2020|2020-08-00|EPI_ISL_689815|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-129EBB/2020|2020-04-16|EPI_ISL_458317|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5267/2020|2020-08-00|EPI_ISL_690370|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-p2380/2020|2020-06-04|EPI_ISL_776458|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/UT-UPHL-2009149/2020|2020-05-27|EPI_ISL_525139|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NORW-EDA1A/2020|2020-00-00|EPI_ISL_490510|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1338/2020|2020-04-30|EPI_ISL_494501|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-998CB5/2020|2020-08-26|EPI_ISL_539911|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27759/2020|2020-03-31|EPI_ISL_432303|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB2362/2020|2020-04-22|EPI_ISL_439191|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/204691655/2020|2020-11-13|EPI_ISL_686599|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036756586/2020|2020-11-03|EPI_ISL_682176|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-B47FAB/2020|2020-11-07|EPI_ISL_649324|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8571/2020|2020-08-00|EPI_ISL_686167|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-952112/2020|2020-06-09|EPI_ISL_551318|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C3176/2020|2020-09-10|EPI_ISL_566737|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4249/2020|2020-04-16|EPI_ISL_456939|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC13054/2020|2020-08-08|EPI_ISL_592168|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S545/2020|2020-03-31|EPI_ISL_434305|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/NORW-E8E7D/2020|2020-04-28|EPI_ISL_461813|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0351170/2020|2020-10-23|EPI_ISL_739760|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Belgium/VT-0325143/2020|2020-03-25|EPI_ISL_420400|Original|hCoV-19^^Lummen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Iran/K1r-121/2020|2020-05-27|EPI_ISL_568508|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/England/BRIS-125963/2020|2020-03-30|EPI_ISL_443865|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-970E44/2020|2020-08-18|EPI_ISL_553114|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1909/2020|2020-04-22|EPI_ISL_486202|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/QEUEH-B2B9EB/2020|2020-11-02|EPI_ISL_646742|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A1AA/2020|2020-10-15|EPI_ISL_606702|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2AA5E9/2020|2020-04-09|EPI_ISL_538856|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACDADA/2020|2020-10-21|EPI_ISL_630071|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-100028/2020|2020-03-10|EPI_ISL_466952|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A45797/2020|2020-10-06|EPI_ISL_598643|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1587/2020|2020-06-22|EPI_ISL_700728|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22693/2020|2020-11-19|EPI_ISL_737307|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Spain/RI-IBV-99005837/2020|2020-03-22|EPI_ISL_537382|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-C15FF0/2020|2020-12-06|EPI_ISL_709456|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17234B/2020|2020-03-30|EPI_ISL_470009|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-69/2020|2020-07-22|EPI_ISL_593883|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/South Korea/KCDC2611/2020|2020-07-01|EPI_ISL_515014|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-14866/2020|2020-10-13|EPI_ISL_786350|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9FD03A/2020|2020-10-02|EPI_ISL_587963|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-LP15-4/2020|2020-03-09|EPI_ISL_417978|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/QEUA-AD27BD/2020|2020-10-24|EPI_ISL_633876|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1214/2020|2020-05-18|EPI_ISL_614442|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A688D7/2020|2020-10-12|EPI_ISL_608580|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/ChVir2225/2020|2020-03-00|EPI_ISL_450496|Original|hCoV-19^^Lithuania|Human|National Public Health Surveillance Laboratory|Charite Universitaetsmedizin Berlin|Muehlemann|Lithuania

>Spike|hCoV-19/USA/NY-Wadsworth-286122-01/2020|2020-12-10|EPI_ISL_754568|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/DRC/11123/2020|2020-05-24|EPI_ISL_527496|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/WI-GMF-20504/2020|2020-09-15|EPI_ISL_660798|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/UT-02550/2020|2020-04-23|EPI_ISL_487203|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUA-9B3B99/2020|2020-09-08|EPI_ISL_573536|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-1B78E1/2020|2020-11-24|EPI_ISL_705536|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D6F2/2020|2020-10-06|EPI_ISL_586783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0359/2020|2020-10-21|EPI_ISL_760144|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/QEUA-B412D5/2020|2020-11-08|EPI_ISL_658682|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-322C3/2020|2020-04-08|EPI_ISL_446629|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B67AA4/2020|2020-11-11|EPI_ISL_661372|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB6497/2020|2020-11-07|EPI_ISL_651319|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19379/2020|2020-12-07|EPI_ISL_748916|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1397/2020|2020-09-04|EPI_ISL_536768|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Iceland/182/2020|2020-03-16|EPI_ISL_417724|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMB-7DB0D/2020|2020-04-06|EPI_ISL_441768|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-2131/2020|2020-09-23|EPI_ISL_700526|Original|hCoV-19^^Western Cape|Human|Knysna CDC wc WLC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/CAMB-76B9B/2020|2020-03-31|EPI_ISL_438265|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18767/2020|2020-12-07|EPI_ISL_748544|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-31E39/2020|2020-04-07|EPI_ISL_446574|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB02_06KS/2020|2020-04-29|EPI_ISL_447628|Original|hCoV-19^^Netherlands|Mustela lutreola|Virology|Virology|Harders|Netherlands

>Spike|hCoV-19/England/MILK-AB737E/2020|2020-10-18|EPI_ISL_623486|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WYPHL-20094896/2020|2020-10-12|EPI_ISL_754183|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laborator|Hull|USA

>Spike|hCoV-19/England/ALDP-B46364/2020|2020-11-07|EPI_ISL_656105|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A64A02/2020|2020-10-10|EPI_ISL_608881|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A59D5/2020|2020-03-17|EPI_ISL_499526|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01785/2020|2020-07-00|EPI_ISL_636935|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Australia/VIC8845/2020|2020-07-23|EPI_ISL_565231|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/Vs-ETHZ-100361/2020|2020-03-19|EPI_ISL_574976|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Turkey/IST-GLAB-238/2020|2020-05-15|EPI_ISL_735305|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/WA-UW-22216/2020|2020-08-03|EPI_ISL_570588|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-22224/2020|2020-12-14|EPI_ISL_757939|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B7D97/2020|2020-10-14|EPI_ISL_637686|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC6307/2020|2020-07-23|EPI_ISL_518295|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BB04BD/2020|2020-11-17|EPI_ISL_720186|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA182D/2020|2020-10-22|EPI_ISL_624917|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D3E2/2020|2020-11-10|EPI_ISL_678895|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Israel/CVL-172-ngs/2020|2020-12-27|EPI_ISL_776820|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Spain/GA-IBV-002754/2020|2020-04-13|EPI_ISL_467288|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-UW-13207/2020|2020-07-01|EPI_ISL_570958|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Chile/RM-190882/2020|2020-09-25|EPI_ISL_746744|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Pública de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/TX-HMH-MCoV-14552/2020|2020-10-09|EPI_ISL_787837|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F2D19/2020|2020-11-10|EPI_ISL_650327|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Sweden/20-50272/2020|2020-03-09|EPI_ISL_455905|Original|hCoV-19^^Uppsala|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/India/MH-IGIB-C2/2020|2020-07-13|EPI_ISL_528424|Original|hCoV-19^^Maharashtra|Human|TNMC & BYL NAIR CH. HOSPITAL|Institute of Genomics and Integrative Biology - Council of Scientific and Industrial Research|Pandey|India

>Spike|hCoV-19/Iceland/374/2020|2020-03-19|EPI_ISL_424398|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/EXET-13DB17/2020|2020-12-01|EPI_ISL_724277|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B20DEA/2020|2020-11-02|EPI_ISL_647692|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1186/2020|2020-04-13|EPI_ISL_648114|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-9163/2020|2020-07-02|EPI_ISL_780976|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1480/2020|2020-06-22|EPI_ISL_676645|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Panama/339494/2020|2020-04-11|EPI_ISL_496895|Original|hCoV-19^^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Canada/NS-NML-159/2020|2020-04-17|EPI_ISL_579529|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/UT-QDX-1851/2020|2020-03-16|EPI_ISL_604167|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/NA_498/2020|2020-03-26|EPI_ISL_460671|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/ALDP-A675A4/2020|2020-10-08|EPI_ISL_634754|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200652/2020|2020-06-17|EPI_ISL_631419|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Scotland/CVR5253/2020|2020-10-16|EPI_ISL_627415|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664530/2020|2020-04-20|EPI_ISL_696147|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/MN-MDH-1100/2020|2020-06-03|EPI_ISL_470780|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUEH-9AE566/2020|2020-09-04|EPI_ISL_665956|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF4982/2020|2020-10-30|EPI_ISL_663141|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/GOF-030578/2020|2020-03-05|EPI_ISL_420334|Original|hCoV-19^^Berloz|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/New Zealand/20CV0329/2020|2020-04-03|EPI_ISL_579091|Original|hCoV-19^^Hawkes Bay|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/MA-MGH-03176/2020|2020-09-24|EPI_ISL_765733|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/NOTT-1107BC/2020|2020-04-20|EPI_ISL_441858|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC16339/2020|2020-08-03|EPI_ISL_641137|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-22421/2020|2020-12-14|EPI_ISL_757554|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18898/2020|2020-12-07|EPI_ISL_748626|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DCB356/2020|2020-11-25|EPI_ISL_724399|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-6B715A/2020|2020-06-29|EPI_ISL_557762|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1274/2020|2020-05-12|EPI_ISL_495724|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-6332/2020|2020-07-04|EPI_ISL_547396|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-Broad-CMU_00118/2020|2020-11-10|EPI_ISL_765580|Original|hCoV-19^^Colorado|Human|Colorado Mesa University|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Australia/VIC16073/2020|2020-08-03|EPI_ISL_640932|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-UCLA-260/2020|2020-02-28|EPI_ISL_537558|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/BRIS-130983/2020|2020-03-11|EPI_ISL_492665|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5BDAA/2020|2020-11-09|EPI_ISL_655481|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8854/2020|2020-07-02|EPI_ISL_780797|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B9F672/2020|2020-11-18|EPI_ISL_720982|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/11CE3/2020|2020-12-02|EPI_ISL_732570|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Japan/PG-8609/2020|2020-08-00|EPI_ISL_686205|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC22527/2020|2020-11-17|EPI_ISL_708230|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Germany/SH-ChVir9286/2020|2020-10-05|EPI_ISL_729613|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Australia/SAP073/2020|2020-03-31|EPI_ISL_451110|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Denmark/DCGC-3980/2020|2020-09-14|EPI_ISL_615893|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BB-ChVir-W1052-7250/2020|2020-03-28|EPI_ISL_753844|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUA-AA06BB/2020|2020-10-20|EPI_ISL_666002|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CT-UW-5757/2020|2020-04-06|EPI_ISL_430921|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-73ADD/2020|2020-03-30|EPI_ISL_425277|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002195/2020|2020-07-10|EPI_ISL_515593|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUA-AAEC51/2020|2020-10-22|EPI_ISL_652992|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-0348/2020|2020-03-27|EPI_ISL_480020|Original|hCoV-19^^Kanto|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B0E377/2020|2020-11-02|EPI_ISL_642189|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2EC76/2020|2020-11-03|EPI_ISL_646872|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0384/2020|2020-03-20|EPI_ISL_454100|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-18363/2020|2020-12-07|EPI_ISL_749271|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8909/2020|2020-07-02|EPI_ISL_780825|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG357058/2020|2020-06-08|EPI_ISL_694440|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-2332/2020|2020-08-10|EPI_ISL_617670|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49536D/2020|2020-11-21|EPI_ISL_726333|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9F3E2B/2020|2020-09-24|EPI_ISL_588596|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B3C6/2020|2020-11-09|EPI_ISL_655627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3186/2020|2020-06-13|EPI_ISL_544060|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B32F3A/2020|2020-11-05|EPI_ISL_659311|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4155/2020|2020-06-25|EPI_ISL_648856|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/CVR1953/2020|2020-04-08|EPI_ISL_448139|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0180/2020|2020-04-03|EPI_ISL_480831|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-36C76/2020|2020-05-01|EPI_ISL_474784|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A44F3/2020|2020-07-04|EPI_ISL_500031|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2975/2020|2020-09-09|EPI_ISL_667440|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUA-B0F8FF/2020|2020-11-02|EPI_ISL_642072|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A591CF/2020|2020-10-08|EPI_ISL_596957|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10EE9E/2020|2020-03-29|EPI_ISL_432936|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/204040338/2020|2020-09-28|EPI_ISL_622842|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/reg-0411457/2020|2020-04-11|EPI_ISL_476967|Original|hCoV-19^^Cherq|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-4849BA/2020|2020-10-20|EPI_ISL_628066|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7C5A6/2020|2020-04-04|EPI_ISL_442317|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC16522/2020|2020-08-09|EPI_ISL_641122|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-9D7036/2020|2020-09-20|EPI_ISL_584340|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/204700009/2020|2020-11-16|EPI_ISL_645133|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC14328/2020|2020-08-29|EPI_ISL_591816|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-9/2020|2020-10-14|EPI_ISL_682352|Original|hCoV-19^^Free State|Human|NHLs Universitas Academic|UFS Virology|Bester|South Africa

>Spike|hCoV-19/England/QEUA-962D57/2020|2020-08-11|EPI_ISL_531603|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21666/2020|2020-12-21|EPI_ISL_757913|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-317/2020|2020-07-16|EPI_ISL_699966|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Iceland/548/2020|2020-03-28|EPI_ISL_424568|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Spain/AN-IBV-002998/2020|2020-04-02|EPI_ISL_474836|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/reg-09181057/2020|2020-09-18|EPI_ISL_734999|Original|hCoV-19^^Overijse|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Belgium/ULG-10631/2020|2020-10-25|EPI_ISL_636610|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/France/ARA-07731/2020|2020-03-11|EPI_ISL_508944|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Bourg en Bresse|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Japan/PG-8243/2020|2020-08-00|EPI_ISL_687342|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Kenya/C6288/2020|2020-05-13|EPI_ISL_568791|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/MI-MDHHS-SC21744/2020|2020-07-30|EPI_ISL_529862|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Belgium/HHC-0401376/2020|2020-04-01|EPI_ISL_462230|Original|hCoV-19^^Avelgem|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Luxembourg/LNS1301720/2020|2020-11-03|EPI_ISL_739916|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-4694C9/2020|2020-05-24|EPI_ISL_559746|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11E156/2020|2020-11-26|EPI_ISL_741610|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3661/2020|2020-07-07|EPI_ISL_516736|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/FL-BPHL-0515/2020|2020-06-12|EPI_ISL_508718|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/PORT-2EAA2A/2020|2020-00-00|EPI_ISL_727764|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-94F3B8/2020|2020-06-19|EPI_ISL_555929|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1782/2020|2020-03-19|EPI_ISL_775739|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/TX-HMH-6954/2020|2020-06-28|EPI_ISL_546382|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B22559/2020|2020-11-02|EPI_ISL_647131|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ghana/2666_S32/2020|2020-03-27|EPI_ISL_515083|Original|hCoV-19^^Ghana|Human|Department of Biochemistry|WACCBIP|Amuzu|Ghana

>Spike|hCoV-19/Sweden/20-08158/2020|2020-03-10|EPI_ISL_455843|Original|hCoV-19^^Sormland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CT-QDX-2200/2020|2020-03-14|EPI_ISL_604524|Original|hCoV-19^^Connecticut|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/India/DL-NCDC-02157/2020|2020-03-26|EPI_ISL_435073|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/OXON-B1271/2020|2020-00-00|EPI_ISL_479000|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F0EE2/2020|2020-09-24|EPI_ISL_589724|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL038/2020|2020-04-24|EPI_ISL_435576|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-BC1D36/2020|2020-11-22|EPI_ISL_705217|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A429B/2020|2020-12-16|EPI_ISL_764674|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7CDFE/2020|2020-11-14|EPI_ISL_674652|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480444/2020|2020-10-11|EPI_ISL_611725|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1799/2020|2020-03-22|EPI_ISL_424263|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WI-GMF-14662/2020|2020-08-10|EPI_ISL_547686|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-A7CA8F/2020|2020-10-15|EPI_ISL_606475|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C538A0/2020|2020-12-09|EPI_ISL_769646|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14732/2020|2020-11-23|EPI_ISL_711940|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-F4009C/2020|2020-12-14|EPI_ISL_764529|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-18541D2/2020|2020-04-28|EPI_ISL_492375|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12652/2020|2020-08-31|EPI_ISL_789813|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-2233/2020|2020-08-10|EPI_ISL_617538|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-163A57/2020|2020-04-22|EPI_ISL_474032|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20590/2020|2020-12-14|EPI_ISL_790673|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-A6A37A/2020|2020-10-08|EPI_ISL_626900|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-3330/2020|2020-04-00|EPI_ISL_691445|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4994C0/2020|2020-12-03|EPI_ISL_727313|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B7536C/2020|2020-11-12|EPI_ISL_662174|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1602E9/2020|2020-05-18|EPI_ISL_479292|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8E57/2020|2020-11-02|EPI_ISL_650616|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1042-8106/2020|2020-03-26|EPI_ISL_753923|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Sweden/20-53850/2020|2020-12-16|EPI_ISL_789036|Original|hCoV-19^^Vastra Gotalandsregionen|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-13897/2020|2020-11-30|EPI_ISL_713089|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB4360/2020|2020-04-24|EPI_ISL_453126|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-B6A713/2020|2020-11-11|EPI_ISL_662471|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483924/2020|2020-09-22|EPI_ISL_627873|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW1057/2020|2020-07-13|EPI_ISL_593669|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Switzerland/GE-ETHZ-350012/2020|2020-11-03|EPI_ISL_693786|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORT-283E45/2020|2020-04-04|EPI_ISL_488460|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10929/2020|2020-11-02|EPI_ISL_670289|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-95ADAD/2020|2020-06-15|EPI_ISL_555754|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-138/2020|2020-04-10|EPI_ISL_537482|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Denmark/DCGC-4875/2020|2020-09-21|EPI_ISL_621561|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201030826/2020|2020-06-20|EPI_ISL_602944|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-48FD59/2020|2020-11-11|EPI_ISL_681223|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0035/2020|2020-09-10|EPI_ISL_747274|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-91F542/2020|2020-06-23|EPI_ISL_553311|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012106527/2020|2020-09-05|EPI_ISL_746128|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/Friesland_23/2020|2020-04-06|EPI_ISL_460645|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Korea/KCDC2128/2020|2020-03-15|EPI_ISL_498029|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/CA-CHLA-PLM27840203/2020|2020-11-15|EPI_ISL_753394|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Denmark/DCGC-8529/2020|2020-10-26|EPI_ISL_625922|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC49/2020|2020-03-18|EPI_ISL_420300|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-4461/2020|2020-09-07|EPI_ISL_615646|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6EA62/2020|2020-10-15|EPI_ISL_607954|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11696/2020|2020-07-24|EPI_ISL_591837|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG452452/2020|2020-06-29|EPI_ISL_695023|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/GSTT-265D30F/2020|2020-03-18|EPI_ISL_483940|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-250125/2020|2020-08-14|EPI_ISL_535633|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/VA-DCLS-1533/2020|2020-08-08|EPI_ISL_581529|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-4142/2020|2020-06-18|EPI_ISL_543405|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C3DD8F/2020|2020-12-10|EPI_ISL_730914|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6A09B/2020|2020-11-09|EPI_ISL_679019|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUH-AF414E/2020|2020-10-30|EPI_ISL_663026|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8856/2020|2020-07-02|EPI_ISL_780443|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Senegal/68303/2020|2020-06-17|EPI_ISL_477143|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/England/MILK-BAB00C/2020|2020-11-17|EPI_ISL_681370|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15796/2020|2020-11-23|EPI_ISL_714026|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW230/2020|2020-03-15|EPI_ISL_417379|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-QDX-2374/2020|2020-03-17|EPI_ISL_604658|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUH-9F43EF/2020|2020-09-25|EPI_ISL_600649|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8353/2020|2020-08-10|EPI_ISL_564962|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/PV-IBV-000864/2020|2020-03-25|EPI_ISL_452691|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS8598024/2020|2020-11-11|EPI_ISL_744772|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/UT-031/2020|2020-03-19|EPI_ISL_417973|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Finland/25LS11CE1/2020|2020-10-25|EPI_ISL_759903|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUA-AD15C3/2020|2020-10-23|EPI_ISL_633772|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-0186/2020|2020-03-23|EPI_ISL_447128|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WA-S2387/2020|2020-06-13|EPI_ISL_497019|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Germany/HH-hpi-p2453/2020|2020-04-20|EPI_ISL_776515|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Japan/TKYE610504/2020|2020-04-00|EPI_ISL_479679|unknown|hCoV-19^^Japan|Human|unknown|Contact|Submitter|Japan

>Spike|hCoV-19/Russia/SPE-RII-MH1535S/2020|2020-09-13|EPI_ISL_596292|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-9909E3/2020|2020-08-27|EPI_ISL_551919|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1005/2020|2020-07-27|EPI_ISL_582372|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/CAMC-A80F98/2020|2020-10-14|EPI_ISL_610705|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-810/2020|2020-04-13|EPI_ISL_614714|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NoordHolland_22/2020|2020-05-05|EPI_ISL_461212|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Taiwan/TSGH-17/2020|2020-03-19|EPI_ISL_436102|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/USA/NY-Wadsworth-84414-01/2020|2020-05-07|EPI_ISL_676722|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/205141163/2020|2020-12-16|EPI_ISL_756137|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2286/2020|2020-08-10|EPI_ISL_617644|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00198/2020|2020-04-07|EPI_ISL_791653|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Australia/VIC8558/2020|2020-08-17|EPI_ISL_565089|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-201113629/2020|2020-04-06|EPI_ISL_648576|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-A4B95F/2020|2020-10-05|EPI_ISL_741762|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04857/2020|2020-05-23|EPI_ISL_575178|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-UW-9229/2020|2020-05-13|EPI_ISL_570235|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-5362/2020|2020-08-00|EPI_ISL_690465|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Austria/CeMM0856/2020|2020-03-23|EPI_ISL_583730|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-B74075/2020|2020-11-12|EPI_ISL_661966|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A5ED6/2020|2020-03-21|EPI_ISL_499665|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Vietnam/VNHN_1167/2020|2020-03-18|EPI_ISL_455696|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/England/ALDP-B1F8CF/2020|2020-11-01|EPI_ISL_646057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-138AF1/2020|2020-10-21|EPI_ISL_627434|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Japan/PG-7043/2020|2020-08-00|EPI_ISL_688148|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUH-9F392A/2020|2020-09-24|EPI_ISL_600800|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-9186/2020|2020-09-01|EPI_ISL_594165|Original|hCoV-19^^\u00cele-de-France|Human|hopital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/QEUH-B0E3E0/2020|2020-11-02|EPI_ISL_642046|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51FFA/2020|2020-10-07|EPI_ISL_598156|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0002/2020|2020-03-17|EPI_ISL_418956|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/UT-UPHL-2012904992/2020|2020-07-25|EPI_ISL_745568|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-959940/2020|2020-06-07|EPI_ISL_554740|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0804731/2020|2020-08-04|EPI_ISL_734910|Original|hCoV-19^^Deurne|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-32357/2020|2020-04-08|EPI_ISL_446637|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC17192/2020|2020-07-31|EPI_ISL_663785|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-QDX-872/2020|2020-03-16|EPI_ISL_571677|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-126D57/2020|2020-04-08|EPI_ISL_459040|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03125/2020|2020-11-14|EPI_ISL_765712|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/WI-UW-973/2020|2020-07-17|EPI_ISL_509971|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-99D746/2020|2020-08-31|EPI_ISL_549931|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7995/2020|2020-08-00|EPI_ISL_687096|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-S878/2020|2020-04-12|EPI_ISL_591175|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Wales/PHWC-48C83D/2020|2020-11-07|EPI_ISL_666475|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C5BA/2020|2020-05-03|EPI_ISL_472510|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21627/2020|2020-03-29|EPI_ISL_516354|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Iran/SA-Isf-43/2020|2020-06-10|EPI_ISL_672595|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh, S.|Iran

>Spike|hCoV-19/USA/PR-B2FH/2020|2020-08-04|EPI_ISL_527383|Original|hCoV-19^^Puerto Rico|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/England/20129062604/2020|2020-03-21|EPI_ISL_424059|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2D753E/2020|2020-10-27|EPI_ISL_650603|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-100321/2020|2020-03-18|EPI_ISL_574968|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Thailand/UDC301651-3/2020|2020-04-07|EPI_ISL_450989|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/Finland/5LS9C7/2020|2020-10-05|EPI_ISL_756071|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Belgium/DC-0326350/2020|2020-03-26|EPI_ISL_462204|Original|hCoV-19^^Beerst|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMB-1ABDA5/2020|2020-04-21|EPI_ISL_470219|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-819/2020|2020-10-15|EPI_ISL_632330|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-Wadsworth-44700-01/2020|2020-04-10|EPI_ISL_676838|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Spain/PV-IBV-2158/2020|2020-04-12|EPI_ISL_468893|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Northern Ireland/NIRE-10534D/2020|2020-03-31|EPI_ISL_472146|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-9C345F/2020|2020-09-10|EPI_ISL_566826|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5987/2020|2020-05-04|EPI_ISL_526489|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUH-B68AC1/2020|2020-11-11|EPI_ISL_655118|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0119/2020|2020-03-21|EPI_ISL_568516|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/USA/TX-HMH-2983/2020|2020-05-31|EPI_ISL_543911|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-6744/2020|2020-04-20|EPI_ISL_622392|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-483E25/2020|2020-10-21|EPI_ISL_627935|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC16069/2020|2020-08-03|EPI_ISL_640541|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0356/2020|2020-12-19|EPI_ISL_733550|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/PORT-2EA43B/2020|2020-00-00|EPI_ISL_665476|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-A7D532/2020|2020-10-13|EPI_ISL_606813|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/BI-ISPCH-2/2020|2020-03-12|EPI_ISL_445331|Original|hCoV-19^^Biobio|Human|HOSPITAL HERMINDA MARTIN CHILLAN|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/ALDP-A9283E/2020|2020-10-19|EPI_ISL_611214|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17802/2020|2020-08-29|EPI_ISL_779463|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/Japan/PG-8199/2020|2020-08-00|EPI_ISL_687298|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15623/2020|2020-11-23|EPI_ISL_713292|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17445/2020|2020-12-14|EPI_ISL_750988|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B1D52/2020|2020-04-18|EPI_ISL_479089|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-006023/2020|2020-03-28|EPI_ISL_500453|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-1255/2020|2020-05-06|EPI_ISL_494459|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-UW-11909/2020|2020-06-24|EPI_ISL_570478|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Germany/BY-IMB03040/2020|2020-03-29|EPI_ISL_732551|Original|hCoV-19^^Bavaria|Human|Bundeswehr Institute of Microbiology|Bundeswehr Institute of Microbiology|Antwerpen|Germany

>Spike|hCoV-19/USA/NY-Wadsworth-50113-01/2020|2020-04-15|EPI_ISL_525684|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0402v1/2020|2020-05-12|EPI_ISL_644308|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUEH-B426BA/2020|2020-11-08|EPI_ISL_657049|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4507/2020|2020-10-30|EPI_ISL_666974|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-AE53FF/2020|2020-10-27|EPI_ISL_633262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Equatorial Guinea/10468/2020|2020-05-23|EPI_ISL_648304|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/USA/WA-S1385/2020|2020-05-19|EPI_ISL_495835|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B7A437/2020|2020-11-11|EPI_ISL_741110|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036728634/2020|2020-11-01|EPI_ISL_649058|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/SHEF-C8CA6/2020|2020-10-01|EPI_ISL_596205|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20124098502/2020|2020-03-18|EPI_ISL_418735|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8537935/2020|2020-10-22|EPI_ISL_744758|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/GA_2120/2020|2020-03-00|EPI_ISL_424862|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Canada/ON-PHL-20-02229/2020|2020-09-00|EPI_ISL_671514|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/OR-OHSU-3917/2020|2020-11-02|EPI_ISL_667518|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUEH-AD4223/2020|2020-10-24|EPI_ISL_634619|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-984D04/2020|2020-08-01|EPI_ISL_529568|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-17943/2020|2020-11-16|EPI_ISL_786091|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC-BCCDC-8603/2020|2020-11-00|EPI_ISL_740846|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/England/QEUEH-B6A564/2020|2020-11-11|EPI_ISL_662350|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belize/CDC-6846/2020|2020-03-01|EPI_ISL_509712|Original|hCoV-19^^Belmopan|Human|Belize Ministry of Health|Pathogen Discovery|Queen|Belize

>Spike|hCoV-19/Wales/PHWC-162C07/2020|2020-05-20|EPI_ISL_473178|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B3FA2D/2020|2020-11-08|EPI_ISL_658410|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4013/2020|2020-08-29|EPI_ISL_535112|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Brazil/CE-L16-CD344/2020|2020-03-30|EPI_ISL_476288|Original|hCoV-19^^Brazil|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/201021557/2020|2020-03-03|EPI_ISL_464295|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15239/2020|2020-11-23|EPI_ISL_713715|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-11F35F/2020|2020-11-24|EPI_ISL_679964|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1079/2020|2020-11-27|EPI_ISL_768349|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-360249/2020|2020-11-09|EPI_ISL_729055|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CWAR-24FD85F/2020|2020-04-09|EPI_ISL_584440|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/MILK-A45E65/2020|2020-10-06|EPI_ISL_598582|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13A9B6/2020|2020-11-09|EPI_ISL_664210|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14390/2020|2020-10-06|EPI_ISL_787675|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LEED-2A876D/2020|2020-03-30|EPI_ISL_539121|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48EA44/2020|2020-11-14|EPI_ISL_680951|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A96357/2020|2020-10-20|EPI_ISL_624755|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP10B11P/2020|2020-03-15|EPI_ISL_427560|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/USA/NM-UNM-00578/2020|2020-07-09|EPI_ISL_542992|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/MILK-9E1C80/2020|2020-09-20|EPI_ISL_581208|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-QDX-227/2020|2020-04-16|EPI_ISL_498708|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Chile/RM-127666/2020|2020-07-18|EPI_ISL_746609|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Pública de Chile|Tognarelli|Chile

>Spike|hCoV-19/Wales/PHWC-4913DA/2020|2020-11-17|EPI_ISL_706649|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-981/2020|2020-07-17|EPI_ISL_582358|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/BRIS-12DDF6/2020|2020-05-30|EPI_ISL_481968|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1417/2020|2020-03-09|EPI_ISL_775732|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-35E71/2020|2020-04-28|EPI_ISL_474581|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/R12684-20/2020|2020-06-16|EPI_ISL_504225|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/MILK-ACE74B/2020|2020-10-21|EPI_ISL_629569|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH577/2020|2020-04-30|EPI_ISL_512970|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/NSW589/2020|2020-04-01|EPI_ISL_478701|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Spain/RI-IBV-98002334/2020|2020-03-25|EPI_ISL_537847|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUH-AD492E/2020|2020-10-26|EPI_ISL_649753|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC371/2020|2020-05-14|EPI_ISL_660352|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-B889DD/2020|2020-11-14|EPI_ISL_675804|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A2B9/2020|2020-10-29|EPI_ISL_650339|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F8C1/2020|2020-11-10|EPI_ISL_681154|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ABBAB1/2020|2020-10-22|EPI_ISL_623242|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002845/2020|2020-08-31|EPI_ISL_602661|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-98DB6B/2020|2020-07-25|EPI_ISL_529263|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/BC_07788742/2020|2020-04-00|EPI_ISL_466820|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Brazil/SP-L39-CD1037/2020|2020-05-12|EPI_ISL_722074|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Germany/HH-hpi-p1810/2020|2020-03-22|EPI_ISL_776169|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-9ECBD3/2020|2020-04-26|EPI_ISL_589521|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2126/2020|2020-06-18|EPI_ISL_480735|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NB-EMC-187/2020|2020-00-00|EPI_ISL_523310|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-81d5B/2020|2020-04-13|EPI_ISL_442619|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036794181/2020|2020-11-05|EPI_ISL_707814|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-8752/2020|2020-09-00|EPI_ISL_686348|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-7193/2020|2020-07-00|EPI_ISL_688297|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B11AB8/2020|2020-11-02|EPI_ISL_642399|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7EFC4/2020|2020-04-08|EPI_ISL_443040|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB3D3/2020|2020-11-21|EPI_ISL_702456|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F0C2D/2020|2020-10-13|EPI_ISL_595206|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-BE9697/2020|2020-12-03|EPI_ISL_708977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200638/2020|2020-06-10|EPI_ISL_631407|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/MILK-B029DB/2020|2020-10-25|EPI_ISL_642993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D871/2020|2020-09-24|EPI_ISL_577455|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B75690/2020|2020-11-12|EPI_ISL_740915|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Russia/SVE-R11-MH8684S/2020|2020-09-29|EPI_ISL_770671|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-C8390E/2020|2020-12-17|EPI_ISL_762797|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-672FAC/2020|2020-07-03|EPI_ISL_558052|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB9801/2020|2020-11-10|EPI_ISL_664700|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC10646/2020|2020-09-05|EPI_ISL_562712|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48E9DE/2020|2020-11-13|EPI_ISL_680944|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-C33396/2020|2020-12-11|EPI_ISL_733995|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124F4E6/2020|2020-09-26|EPI_ISL_665159|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Brazil/SP-L39-CD1045/2020|2020-05-13|EPI_ISL_721988|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/England/BRIS-12FDB8/2020|2020-04-10|EPI_ISL_492533|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7183/2020|2020-06-28|EPI_ISL_546579|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-1DE0CE/2020|2020-10-10|EPI_ISL_611889|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-1396/2020|2020-04-00|EPI_ISL_685003|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A47971/2020|2020-10-05|EPI_ISL_598372|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201300935/2020|2020-03-20|EPI_ISL_423684|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-279CC/2020|2020-04-01|EPI_ISL_432429|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18852/2020|2020-11-25|EPI_ISL_785169|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB4560/2020|2020-05-06|EPI_ISL_461728|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-96064F/2020|2020-08-03|EPI_ISL_532046|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3699/2020|2020-08-31|EPI_ISL_615477|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-98001709/2020|2020-04-12|EPI_ISL_538135|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-9BEB61/2020|2020-09-09|EPI_ISL_568084|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB-188PT/2020|2020-08-28|EPI_ISL_722865|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/MILK-9588AE/2020|2020-06-15|EPI_ISL_554639|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21283/2020|2020-04-09|EPI_ISL_507538|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-B3A345/2020|2020-11-01|EPI_ISL_705451|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR5624/2020|2020-10-27|EPI_ISL_651874|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4040/2020|2020-10-03|EPI_ISL_636400|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMC-B082AD/2020|2020-10-29|EPI_ISL_643869|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4999/2020|2020-10-05|EPI_ISL_730272|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Wales/PHWC-49C3B1/2020|2020-12-09|EPI_ISL_742550|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4521/2020|2020-06-19|EPI_ISL_543689|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/GJ-GBRC352b/2020|2020-06-18|EPI_ISL_514599|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/PORT-2D5785/2020|2020-12-20|EPI_ISL_763476|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3FED6/2020|2020-11-08|EPI_ISL_657130|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11852/2020|2020-10-01|EPI_ISL_625612|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-481C78/2020|2020-10-16|EPI_ISL_613161|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1547/2020|2020-05-26|EPI_ISL_495973|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/MD-IBV-99009645/2020|2020-10-27|EPI_ISL_654380|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-BB0848/2020|2020-11-18|EPI_ISL_720435|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Denmark/mDK-159/2020|2020-11-05|EPI_ISL_683010|Original|hCoV-19^^Denmark|Neovison vison|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Gelderland_76/2020|2020-05-19|EPI_ISL_460975|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-C332B7/2020|2020-12-11|EPI_ISL_782723|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75482/2020|2020-03-13|EPI_ISL_425392|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DC09B/2020|2020-09-22|EPI_ISL_575349|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12468/2020|2020-11-16|EPI_ISL_682649|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-11017/2020|2020-11-28|EPI_ISL_722936|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-DSHS-2026/2020|2020-07-14|EPI_ISL_766668|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUH-A0C152/2020|2020-10-03|EPI_ISL_584954|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1612/2020|2020-08-20|EPI_ISL_614020|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/India/MH-ACTREC-581/2020|2020-09-02|EPI_ISL_723060|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/WI-UW-1510/2020|2020-09-16|EPI_ISL_541636|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-489E4D/2020|2020-11-04|EPI_ISL_652498|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2729/2020|2020-08-17|EPI_ISL_616474|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-MEPHI-1718/2020|2020-09-17|EPI_ISL_644429|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wales/PHWC-1635DE/2020|2020-05-10|EPI_ISL_473969|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31BC9/2020|2020-04-12|EPI_ISL_446540|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-03032/2020|2020-05-01|EPI_ISL_522304|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/BRIS-126698/2020|2020-04-08|EPI_ISL_458981|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/5059/2020|2020-10-29|EPI_ISL_708035|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/MILK-9A8AE5/2020|2020-08-31|EPI_ISL_550123|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP400/2020|2020-03-20|EPI_ISL_492165|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/CA-QDX-2597/2020|2020-03-16|EPI_ISL_604886|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/FL-BPHL-0826/2020|2020-06-12|EPI_ISL_514172|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-BC7969/2020|2020-11-22|EPI_ISL_721434|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD3E6/2020|2020-10-02|EPI_ISL_588030|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9B240/2020|2020-03-27|EPI_ISL_449423|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/BC_08847743/2020|2020-04-00|EPI_ISL_466835|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/QEUA-A1E946/2020|2020-10-01|EPI_ISL_587456|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4953/2020|2020-10-05|EPI_ISL_594717|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Hong Kong/HKU-200723-055/2020|2020-07-10|EPI_ISL_497822|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Belgium/reg-0413576/2020|2020-04-13|EPI_ISL_734568|Original|hCoV-19^^Sint-Amands|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-12294/2020|2020-09-23|EPI_ISL_790286|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0956/2020|2020-06-28|EPI_ISL_699092|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-2591/2020|2020-08-17|EPI_ISL_617827|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001305/2020|2020-11-10|EPI_ISL_683910|Original|hCoV-19^^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Hungary/US-2901w/2020|2020-03-26|EPI_ISL_477620|Original|hCoV-19^^B\u00e9k\u00e9s County|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/TX-HMH-MCoV-8323/2020|2020-07-08|EPI_ISL_784331|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/205260410/2020|2020-00-00|EPI_ISL_766067|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB73E/2020|2020-04-21|EPI_ISL_470184|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C6E48/2020|2020-03-26|EPI_ISL_442003|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3832/2020|2020-06-11|EPI_ISL_543235|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-SR0218/2020|2020-04-18|EPI_ISL_437580|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-94FD8D/2020|2020-06-16|EPI_ISL_555239|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A63F13/2020|2020-10-11|EPI_ISL_628677|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-950D10/2020|2020-06-14|EPI_ISL_554460|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2979/2020|2020-07-09|EPI_ISL_521809|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-0470/2020|2020-06-10|EPI_ISL_525818|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/Norway/3773/2020|2020-09-04|EPI_ISL_635151|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/MILK-C6F63E/2020|2020-12-13|EPI_ISL_778611|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2140/2020|2020-03-19|EPI_ISL_498041|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Wales/PHWC-487BA2/2020|2020-10-31|EPI_ISL_639282|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-OM29/2020|2020-09-20|EPI_ISL_644723|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/CAMC-B2098C/2020|2020-11-02|EPI_ISL_647593|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129122404/2020|2020-03-13|EPI_ISL_424099|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0157/2020|2020-05-14|EPI_ISL_515421|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/South Korea/KDCA0341/2020|2020-07-21|EPI_ISL_760127|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Netherlands/NB-RIVM-10300/2020|2020-02-27|EPI_ISL_636504|Original|hCoV-19^^NoordBrabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/AZ-TG664244/2020|2020-04-28|EPI_ISL_696048|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-3776/2020|2020-04-20|EPI_ISL_622657|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B56923/2020|2020-11-06|EPI_ISL_656962|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/CS-26/2020|2020-04-06|EPI_ISL_666606|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f8vestad|Norway

>Spike|hCoV-19/Netherlands/UT-RIVM-20899/2020|2020-12-15|EPI_ISL_790935|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Chile/BI-199851/2020|2020-10-07|EPI_ISL_746516|Original|hCoV-19^^Biobio|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Wales/ALDP-C48871/2020|2020-12-13|EPI_ISL_767135|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50170/2020|2020-03-08|EPI_ISL_429145|Original|hCoV-19^^Varmland|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-11660/2020|2020-10-26|EPI_ISL_671053|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C682C/2020|2020-04-20|EPI_ISL_493685|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0317/2020|2020-05-04|EPI_ISL_467930|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-S2266/2020|2020-06-09|EPI_ISL_497694|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-S2146/2020|2020-06-08|EPI_ISL_497574|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-9ECC2B/2020|2020-04-29|EPI_ISL_589430|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG395897/2020|2020-06-05|EPI_ISL_694741|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-2616/2020|2020-03-00|EPI_ISL_690750|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-A7826D/2020|2020-10-14|EPI_ISL_638967|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15802/2020|2020-07-10|EPI_ISL_785486|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-BA3480/2020|2020-11-18|EPI_ISL_720963|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003382/2020|2020-09-10|EPI_ISL_602770|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B85E77/2020|2020-11-13|EPI_ISL_674043|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3529/2020|2020-06-15|EPI_ISL_544227|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-18547D0/2020|2020-04-27|EPI_ISL_495120|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A060F1/2020|2020-10-01|EPI_ISL_599993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B04C58/2020|2020-10-24|EPI_ISL_650228|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORW-F1FD8/2020|2020-10-22|EPI_ISL_627647|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC5110/2020|2020-07-19|EPI_ISL_519913|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B2401A/2020|2020-11-04|EPI_ISL_646224|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC4EC/2020|2020-10-21|EPI_ISL_634506|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1120/2020|2020-12-14|EPI_ISL_763199|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A57088/2020|2020-10-09|EPI_ISL_597246|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489593/2020|2020-10-20|EPI_ISL_639589|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/R12534-20/2020|2020-06-16|EPI_ISL_504187|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/CA-CZB-1882/2020|2020-04-28|EPI_ISL_486181|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15500/2020|2020-10-23|EPI_ISL_786984|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-480338/2020|2020-10-22|EPI_ISL_612875|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20817/2020|2020-12-22|EPI_ISL_790873|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/201100039/2020|2020-03-07|EPI_ISL_464629|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E14D3/2020|2020-09-19|EPI_ISL_577402|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0C91E/2020|2020-10-03|EPI_ISL_599262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15936/2020|2020-07-10|EPI_ISL_785620|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B88797/2020|2020-11-13|EPI_ISL_674258|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A87A9/2020|2020-04-02|EPI_ISL_539098|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-248647-01/2020|2020-10-19|EPI_ISL_734372|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/NORT-296C81/2020|2020-04-28|EPI_ISL_484276|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201206488/2020|2020-04-01|EPI_ISL_672540|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LIVE-A489D/2020|2020-03-13|EPI_ISL_499902|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-12EF77/2020|2020-04-22|EPI_ISL_488245|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132017704/2020|2020-03-24|EPI_ISL_423728|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Georgia/Tb-5727/2020|2020-04-25|EPI_ISL_481483|Original|hCoV-19^^Tbilisi|Human|Department for Virology|Department for Virology|Tomashvili|Georgia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18273/2020|2020-11-17|EPI_ISL_784621|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/BE-ChVir-D711-11/2020|2020-03-07|EPI_ISL_516639|Original|hCoV-19^^Berlin|Human|Charite\u0301 Universita\u0308tsmedizin Berlin|Charite\u0301 Universita\u0308tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-1581/2020|2020-04-13|EPI_ISL_618609|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17000/2020|2020-12-14|EPI_ISL_750701|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9B4A9B/2020|2020-09-03|EPI_ISL_590241|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D590/2020|2020-03-23|EPI_ISL_483980|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/CAMC-B5108D/2020|2020-11-08|EPI_ISL_657825|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16290/2020|2020-11-16|EPI_ISL_714255|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13166/2020|2020-08-25|EPI_ISL_788317|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7396/2020|2020-07-00|EPI_ISL_688498|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/EXET-138F01/2020|2020-10-29|EPI_ISL_665048|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC5589/2020|2020-07-19|EPI_ISL_518406|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7440/2020|2020-10-12|EPI_ISL_618906|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15714/2020|2020-07-09|EPI_ISL_785398|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DC0A3E/2020|2020-11-04|EPI_ISL_705318|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-77E28/2020|2020-04-01|EPI_ISL_440810|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B23716/2020|2020-11-04|EPI_ISL_646968|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42220622/2020|2020-04-05|EPI_ISL_581855|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-A2FDBF/2020|2020-10-06|EPI_ISL_587042|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7848F/2020|2020-04-04|EPI_ISL_433737|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6299/2020|2020-08-31|EPI_ISL_616380|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Peru/LIM-INS-112/2020|2020-05-04|EPI_ISL_536510|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/Wales/PHWC-48F15D/2020|2020-11-10|EPI_ISL_681050|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Oman/C-8871/2020|2020-04-28|EPI_ISL_491124|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/England/ALDP-B1AA37/2020|2020-11-01|EPI_ISL_647468|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC_6370/2020|2020-03-08|EPI_ISL_424888|Original|hCoV-19^^South Carolina|Human|SC Dept of Health and Env. Control-Bureau of Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Japan/PG-1008/2020|2020-03-00|EPI_ISL_684618|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/CL-IBV-97006203/2020|2020-04-13|EPI_ISL_537349|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-B9F50C/2020|2020-11-18|EPI_ISL_720976|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-77A15/2020|2020-04-01|EPI_ISL_439519|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DFE9/2020|2020-12-06|EPI_ISL_742940|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AAD91F/2020|2020-10-22|EPI_ISL_637443|Original|hCoV-19^^Scotland|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9E02CB/2020|2020-09-18|EPI_ISL_601330|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A677C/2020|2020-12-17|EPI_ISL_765071|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-371/2020|2020-03-23|EPI_ISL_571114|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/MILK-610878/2020|2020-07-06|EPI_ISL_557796|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20140006304/2020|2020-03-29|EPI_ISL_465874|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-9EBD65/2020|2020-09-24|EPI_ISL_584417|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-B974F8/2020|2020-11-14|EPI_ISL_675057|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B626B4/2020|2020-11-08|EPI_ISL_656598|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/264/2020|2020-05-06|EPI_ISL_462382|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-94999E/2020|2020-06-11|EPI_ISL_556477|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-95EF76/2020|2020-08-06|EPI_ISL_532359|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-7606E7/2020|2020-07-15|EPI_ISL_533005|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A6EA/2020|2020-11-03|EPI_ISL_652589|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6558/2020|2020-06-23|EPI_ISL_546083|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-C3F60A/2020|2020-12-10|EPI_ISL_719334|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19235/2020|2020-12-07|EPI_ISL_748833|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-EA400/2020|2020-05-13|EPI_ISL_457344|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2300/2020|2020-05-01|EPI_ISL_545233|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0753/2020|2020-05-15|EPI_ISL_698182|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-9ECE52/2020|2020-05-05|EPI_ISL_589425|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4AD0E3/2020|2020-06-14|EPI_ISL_559514|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-997FEA/2020|2020-08-27|EPI_ISL_534441|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C59C7/2020|2020-09-10|EPI_ISL_567740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6315/2020|2020-05-14|EPI_ISL_527700|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/India/MH-AFMC-5306/2020|2020-05-21|EPI_ISL_496602|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Luxembourg/LNS8376337/2020|2020-11-20|EPI_ISL_744730|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Austria/CeMM0180/2020|2020-03-09|EPI_ISL_438022|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Netherlands/NH-RIVM-10137/2020|2020-04-01|EPI_ISL_547505|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response

team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Portugal/PT1772/2020|2020-11-09|EPI_ISL_732003|Original|hCoV-
19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude
(INSA)|Borges|Portugal
>Spike|hCoV-19/Denmark/DCGC-20221/2020|2020-11-30|EPI_ISL_747580|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NORT-2847B2/2020|2020-03-23|EPI_ISL_478567|Original|hCoV-
19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust
/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
(COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/ALDP-C6BABE/2020|2020-12-14|EPI_ISL_778488|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC15043/2020|2020-07-29|EPI_ISL_593120|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Australia/VIC1214/2020|2020-04-01|EPI_ISL_430505|Original|hCoV-
19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian
Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/CA-CZB-1559/2020|2020-03-29|EPI_ISL_468496|Original|hCoV-
19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/Wales/PHWC-49EAE7/2020|2020-12-08|EPI_ISL_743094|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/LIVE-A69D4/2020|2020-03-16|EPI_ISL_499761|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Serbia/Pancevo-215572606/2020|2020-06-25|EPI_ISL_661188|Original|hCoV-
19^^Pancevo|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized
Institute \Kraljevo\|Vidanovic|Serbia
>Spike|hCoV-19/Denmark/DCGC-8385/2020|2020-10-26|EPI_ISL_616908|Original|hCoV-
19^^Sjaelland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-18548/2020|2020-12-07|EPI_ISL_750035|Original|hCoV-
19^^Nordjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-7F084/2020|2020-04-07|EPI_ISL_442890|Original|hCoV-
19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/CAMB-1AFBC5/2020|2020-05-01|EPI_ISL_459219|Original|hCoV-
19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/OR-OHSU-1065/2020|2020-07-09|EPI_ISL_525961|Original|hCoV-
19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2
Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/Japan/PG-8093/2020|2020-08-00|EPI_ISL_687192|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/CA-CZB-4017/2020|2020-08-01|EPI_ISL_548588|Original|hCoV-
19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg
Biohub|Bhatt|USA
>Spike|hCoV-19/USA/LA-EVTL201/2020|2020-08-11|EPI_ISL_574335|Original|hCoV-
19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome
Sequencing Center|Kamil|USA
>Spike|hCoV-19/Australia/VIC2993/2020|2020-07-11|EPI_ISL_521823|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-AB939A/2020|2020-10-22|EPI_ISL_623820|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1826/2020|2020-04-08|EPI_ISL_613744|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-AA36A9/2020|2020-10-22|EPI_ISL_625037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B46EDC/2020|2020-11-07|EPI_ISL_710871|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-190043/2020|2020-07-08|EPI_ISL_500905|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-DSHS-0004/2020|2020-05-07|EPI_ISL_515253|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-9DB07E/2020|2020-09-21|EPI_ISL_580985|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53042/2020|2020-10-01|EPI_ISL_648162|Original|hCoV-19^^Sweden|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/LOND-12625DB/2020|2020-10-04|EPI_ISL_594865|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003728/2020|2020-10-06|EPI_ISL_602906|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-ALSR-4209/2020|2020-10-02|EPI_ISL_648888|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Northern Ireland/QEUA-5FF39D/2020|2020-06-27|EPI_ISL_533234|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201109604/2020|2020-10-12|EPI_ISL_628952|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-492816/2020|2020-11-29|EPI_ISL_725705|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B2F8F9/2020|2020-11-03|EPI_ISL_659978|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B6A28/2020|2020-10-05|EPI_ISL_584323|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-6888/2020|2020-00-00|EPI_ISL_687996|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A91820/2020|2020-10-19|EPI_ISL_705990|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-805AF/2020|2020-04-09|EPI_ISL_470416|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3805/2020|2020-05-21|EPI_ISL_478131|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F2FCF/2020|2020-09-22|EPI_ISL_588615|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4218/2020|2020-06-19|EPI_ISL_543447|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG379464/2020|2020-06-16|EPI_ISL_694638|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Guadeloupe/IPG-7319/2020|2020-03-18|EPI_ISL_613419|Original|hCoV-19^^Sainte-Anne|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spike|hCoV-19/Australia/VIC14631/2020|2020-07-29|EPI_ISL_592925|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Indonesia/JB-WJHL-ITB-A03267/2020|2020-10-23|EPI_ISL_747236|original|hCoV-19^^West Java|Human|Sukabumi Public Health|West Java Health Laboratory; School of Life Sciences and Technology|Fibriani|Indonesia

>Spike|hCoV-19/USA/TX-HMH-3117/2020|2020-06-11|EPI_ISL_544003|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12923/2020|2020-08-18|EPI_ISL_788075|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B7ED29/2020|2020-11-14|EPI_ISL_661931|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97007969/2020|2020-10-02|EPI_ISL_654518|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC14018/2020|2020-07-23|EPI_ISL_563932|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/North Macedonia/11602/2020|2020-09-07|EPI_ISL_678254|Original|hCoV-19^^Strumica|Human|General Hospital - Strumica|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/England/QEUEH-AD5D5E/2020|2020-10-26|EPI_ISL_633897|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC30/2020|2020-03-10|EPI_ISL_419749|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Netherlands/UT-EMC-131/2020|2020-10-23|EPI_ISL_632724|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORT-29D965/2020|2020-05-10|EPI_ISL_488061|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9798/2020|2020-06-05|EPI_ISL_672181|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-9214/2020|2020-11-16|EPI_ISL_668854|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/Moscow_PMVL-9/2020|2020-04-08|EPI_ISL_470902|Vero E6|hCoV-19^^Moscow|Human|Influenza etiology and epidemiology laboratory|Pathogenic Microorganisms Variability Laboratory|Shchetinin|Russia

>Spike|hCoV-19/Gibraltar/204841765/2020|2020-00-00|EPI_ISL_671331|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/CA-ALSR-1949/2020|2020-06-26|EPI_ISL_512254|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/DL-NCDC-4189/2020|2020-04-13|EPI_ISL_436450|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-12325/2020|2020-09-26|EPI_ISL_790300|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1886/2020|2020-05-28|EPI_ISL_496312|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00215798/2020|2020-03-12|EPI_ISL_535737|Original|hCoV-19^^Quebec|Human|CHUL-LABO MULTI / MICRO|Laboratoire de sant e publique du Qu bec|Moreira|Canada

>Spike|hCoV-19/Japan/IC-0256/2020|2020-10-00|EPI_ISL_667685|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Panama/328941/2020|2020-02-27|EPI_ISL_496617|Original|hCoV-19^^Panama|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Wales/PHWC-4923CA/2020|2020-11-17|EPI_ISL_703321|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19757/2020|2020-11-25|EPI_ISL_784100|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A87B24/2020|2020-10-17|EPI_ISL_606106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48ECD5/2020|2020-11-10|EPI_ISL_680991|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B8F675/2020|2020-11-13|EPI_ISL_674624|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20271/2020|2020-11-30|EPI_ISL_747675|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/CE-RII-MH2523S/2020|2020-00-00|EPI_ISL_602412|Original|hCoV-19^^Chechen|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-10991/2020|2020-11-02|EPI_ISL_670330|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BA0AA/2020|2020-11-04|EPI_ISL_651713|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16075/2020|2020-10-27|EPI_ISL_785759|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2044/2020|2020-06-09|EPI_ISL_480748|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-22394/2020|2020-12-14|EPI_ISL_757537|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CT-IBV-005612/2020|2020-03-27|EPI_ISL_508680|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/BC-BCCDC-7298/2020|2020-11-00|EPI_ISL_740667|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/ALDP-B48F40/2020|2020-11-07|EPI_ISL_649473|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11811/2020|2020-07-31|EPI_ISL_591860|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/VD-ETHZ-280114/2020|2020-09-08|EPI_ISL_560498|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BL-ETHZ-360003/2020|2020-11-12|EPI_ISL_693863|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUIH-9B422A/2020|2020-09-07|EPI_ISL_559882|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-A7D7E1/2020|2020-10-13|EPI_ISL_606550|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10882/2020|2020-11-02|EPI_ISL_670263|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG408180/2020|2020-06-16|EPI_ISL_694922|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B24BFB/2020|2020-11-04|EPI_ISL_646942|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/7LS3B3/2020|2020-10-07|EPI_ISL_756033|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/AZ-TG517475/2020|2020-06-29|EPI_ISL_695329|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/MILK-9E0FF1/2020|2020-09-20|EPI_ISL_580990|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13895E/2020|2020-10-18|EPI_ISL_626797|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22173/2020|2020-08-06|EPI_ISL_570634|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Ireland/CO-NVRL-75IRL23243/2020|2020-10-06|EPI_ISL_671868|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Portugal/PT1632/2020|2020-04-17|EPI_ISL_731942|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-CZB-12821/2020|2020-09-30|EPI_ISL_648472|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/UT-UPHL-2012687578/2020|2020-10-26|EPI_ISL_746222|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-0654/2020|2020-04-00|EPI_ISL_684264|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC2908/2020|2020-07-06|EPI_ISL_521739|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/mink/Netherlands/NB-EMC-35-4/2020|2020-08-18|EPI_ISL_577775|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-BD14F2/2020|2020-11-29|EPI_ISL_702273|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA375/2020|2020-04-05|EPI_ISL_605852|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/QEUA-B320FB/2020|2020-11-04|EPI_ISL_646348|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96F5BC/2020|2020-08-19|EPI_ISL_568407|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1456/2020|2020-03-27|EPI_ISL_494615|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORT-28C79C/2020|2020-05-15|EPI_ISL_469334|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204441533/2020|2020-10-19|EPI_ISL_622889|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A8CF/2020|2020-09-12|EPI_ISL_560120|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI158/2020|2020-03-09|EPI_ISL_429374|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Japan/PG-1151/2020|2020-04-00|EPI_ISL_684761|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2D1200/2020|2020-04-21|EPI_ISL_475339|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/France/PAC-SC237/2020|2020-03-29|EPI_ISL_641523|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|CHU de Nice - H\u00f4pital Archet 4|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-1ACF26/2020|2020-04-23|EPI_ISL_489544|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B05F6D/2020|2020-10-24|EPI_ISL_642793|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7552/2020|2020-11-00|EPI_ISL_740715|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/Wales/PHWC-16A1C4/2020|2020-09-06|EPI_ISL_535213|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-10121/2020|2020-03-24|EPI_ISL_547531|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMB-1ADF61/2020|2020-04-26|EPI_ISL_459475|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205181943/2020|2020-12-17|EPI_ISL_766492|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Singapore/945/2020|2020-04-05|EPI_ISL_538479|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/CAMB-7757E/2020|2020-03-30|EPI_ISL_438513|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5203949/2020|2020-10-30|EPI_ISL_744201|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-5015/2020|2020-06-22|EPI_ISL_544461|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/201620053/2020|2020-04-13|EPI_ISL_466398|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-962337/2020|2020-08-10|EPI_ISL_531808|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3334/2020|2020-07-09|EPI_ISL_521013|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/RI-IBV-005998/2020|2020-03-20|EPI_ISL_500430|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-C052B/2020|2020-03-25|EPI_ISL_420225|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/UGent-94/2020|2020-03-13|EPI_ISL_468742|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/BRIS-129264/2020|2020-04-18|EPI_ISL_458826|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3796/2020|2020-07-00|EPI_ISL_692047|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-B7F784/2020|2020-11-14|EPI_ISL_674605|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A344/2020|2020-04-02|EPI_ISL_441343|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A68DAB/2020|2020-10-12|EPI_ISL_630654|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-003230/2020|2020-03-15|EPI_ISL_480988|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/204490922/2020|2020-10-30|EPI_ISL_660758|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-49B9B0/2020|2020-06-11|EPI_ISL_559347|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204291034/2020|2020-10-16|EPI_ISL_613623|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB4BF/2020|2020-04-20|EPI_ISL_470329|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002239/2020|2020-07-20|EPI_ISL_515631|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Spain/VC-IBV-98003502/2020|2020-03-23|EPI_ISL_537948|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WY-WYPHL-20009973/2020|2020-04-22|EPI_ISL_539798|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Japan/PG-0706/2020|2020-04-00|EPI_ISL_684316|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AK-PHL444/2020|2020-06-07|EPI_ISL_560557|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/Australia/TAS00279/2020|2020-08-09|EPI_ISL_577607|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital|Royal Hobart Hospital|Vanhaeften|Australia

>Spike|hCoV-19/Italy/LAZ-INMI-30/2020|2020-06-06|EPI_ISL_603137|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/USA/TX-HMH-MCoV-9453/2020|2020-07-03|EPI_ISL_781131|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9C467/2020|2020-03-30|EPI_ISL_449539|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4830/2020|2020-11-09|EPI_ISL_730166|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-65E28F/2020|2020-07-03|EPI_ISL_555591|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/229/2020|2020-03-17|EPI_ISL_417557|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/MILK-A7B859/2020|2020-10-15|EPI_ISL_607423|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-GMF-30812/2020|2020-11-02|EPI_ISL_661052|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/NORT-29EE38/2020|2020-05-11|EPI_ISL_488113|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-UW-22446/2020|2020-08-03|EPI_ISL_570615|Original|hCoV-19^^Oregon|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/PORT-2F5673/2020|2020-00-00|EPI_ISL_702858|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/20149043804/2020|2020-04-02|EPI_ISL_466196|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48AA2A/2020|2020-10-28|EPI_ISL_666113|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5649/2020|2020-04-00|EPI_ISL_688773|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-10C7794/2020|2020-12-18|EPI_ISL_741948|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-S2719/2020|2020-07-02|EPI_ISL_525709|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16315/2020|2020-11-01|EPI_ISL_785999|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Senegal/64763/2020|2020-06-13|EPI_ISL_476562|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/Oman/205038337/2020|2020-05-22|EPI_ISL_491996|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of\u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/England/ALDP-CF13EF/2020|2020-12-16|EPI_ISL_781935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-80A46/2020|2020-04-10|EPI_ISL_470422|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-1133/2020|2020-07-10|EPI_ISL_574559|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8429/2020|2020-07-01|EPI_ISL_784392|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS6079656/2020|2020-11-07|EPI_ISL_744352|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-11339/2020|2020-11-02|EPI_ISL_670848|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BE-ETHZ-260043/2020|2020-08-24|EPI_ISL_539373|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/New Zealand/20CV0480/2020|2020-10-22|EPI_ISL_622815|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/ME-QDX-649/2020|2020-03-18|EPI_ISL_571311|Original|hCoV-19^^Maine|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-958088/2020|2020-06-10|EPI_ISL_554723|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2785/2020|2020-04-00|EPI_ISL_690912|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-294430/2020|2020-07-31|EPI_ISL_572744|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12889/2020|2020-08-18|EPI_ISL_788041|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC14597/2020|2020-08-07|EPI_ISL_592911|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUE-B0E061/2020|2020-11-02|EPI_ISL_642025|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_23745918/2020|2020-03-00|EPI_ISL_463186|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/ALDP-7210F3/2020|2020-07-01|EPI_ISL_557673|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C2FA6B/2020|2020-12-07|EPI_ISL_733832|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Estonia/ChVir4261/2020|2020-03-00|EPI_ISL_457719|Original|hCoV-19^^Estonia|Human|SYNLAB Eesti OU\u00308|Charite Universit\u00e4tsmedizin Berlin|Muehlemann|Estonia

>Spike|hCoV-19/India/GJ-GBRC27/2020|2020-04-26|EPI_ISL_444458|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/SHEF-CC6B3/2020|2020-05-18|EPI_ISL_484498|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F032F/2020|2020-09-25|EPI_ISL_589766|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB10413/2020|2020-11-29|EPI_ISL_705750|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004551/2020|2020-10-27|EPI_ISL_660248|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/United Arab Emirates/1046/2020|2020-06-11|EPI_ISL_698121|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0031/2020|2020-08-18|EPI_ISL_640032|Original|hCoV-19^^Western Cape|Human|Victoria Hospital wc VHW|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/TX-HMH-MCoV-8979/2020|2020-07-02|EPI_ISL_780872|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A2D5F5/2020|2020-10-06|EPI_ISL_586605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1D08D/2020|2020-11-01|EPI_ISL_664853|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42187831/2020|2020-03-12|EPI_ISL_528025|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/MILK-B56501/2020|2020-11-05|EPI_ISL_657587|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-0327/2020|2020-05-14|EPI_ISL_509103|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18808/2020|2020-11-23|EPI_ISL_785135|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49E4BC/2020|2020-12-07|EPI_ISL_743008|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006282/2020|2020-04-21|EPI_ISL_537652|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/AZ-TG491480/2020|2020-06-18|EPI_ISL_695113|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUA-9CF2D1/2020|2020-09-17|EPI_ISL_601999|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02792/2020|2020-09-24|EPI_ISL_765637|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUA-B2E159/2020|2020-11-03|EPI_ISL_646292|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A862F3/2020|2020-10-17|EPI_ISL_605988|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20166067404/2020|2020-04-16|EPI_ISL_466568|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009343/2020|2020-05-16|EPI_ISL_524941|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-3292/2020|2020-04-00|EPI_ISL_691407|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-3718/2020|2020-08-31|EPI_ISL_615496|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A5F57/2020|2020-12-15|EPI_ISL_764984|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3708/2020|2020-09-23|EPI_ISL_636159|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/New Zealand/20VR3852/2020|2020-00-00|EPI_ISL_548142|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Japan/PG-2722/2020|2020-03-00|EPI_ISL_690854|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B05EAC/2020|2020-10-24|EPI_ISL_642889|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA323B/2020|2020-11-18|EPI_ISL_721083|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4644/2020|2020-11-10|EPI_ISL_667054|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/NC-IBV-001389/2020|2020-03-16|EPI_ISL_452512|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-724FB7/2020|2020-07-01|EPI_ISL_557735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94A836/2020|2020-06-12|EPI_ISL_556469|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1954/2020|2020-06-21|EPI_ISL_765938|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-48A77E/2020|2020-11-03|EPI_ISL_652597|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14147/2020|2020-10-02|EPI_ISL_787432|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F687E/2020|2020-11-10|EPI_ISL_651091|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Iceland/577/2020|2020-03-27|EPI_ISL_424597|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/GSTT-265D1D8/2020|2020-03-15|EPI_ISL_483923|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/QEUEH-A4BCA1/2020|2020-10-03|EPI_ISL_628521|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LEED-2A8606/2020|2020-03-29|EPI_ISL_539086|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-245/2020|2020-03-28|EPI_ISL_428341|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/United Arab Emirates/L2004034578/2020|2020-04-16|EPI_ISL_523953|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid

University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates
>Spike|hCoV-19/England/CAMB-1B5B35/2020|2020-08-13|EPI_ISL_516995|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/Scotland/MILK-A6C132/2020|2020-10-09|EPI_ISL_608854|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2476/2020|2020-06-10|EPI_ISL_514879|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/Japan/PG-3850/2020|2020-07-00|EPI_ISL_692101|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/IL-UW353/2020|2020-03-13|EPI_ISL_418920|Original|hCoV-19^^Illinois|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Sweden/20-53762/2020|2020-12-20|EPI_ISL_766634|Original|hCoV-19^^Ostergotland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/England/MILK-9AAC83/2020|2020-09-01|EPI_ISL_550828|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-948328/2020|2020-07-20|EPI_ISL_556968|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B02759/2020|2020-10-24|EPI_ISL_642967|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-4B3378/2020|2020-06-04|EPI_ISL_559201|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-B7E819/2020|2020-11-14|EPI_ISL_668339|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BS-UHB-42201474/2020|2020-03-21|EPI_ISL_528296|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland
>Spike|hCoV-19/England/ALDP-B1CE75/2020|2020-11-01|EPI_ISL_645729|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9949C1/2020|2020-08-24|EPI_ISL_552373|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-C3D6FD/2020|2020-12-10|EPI_ISL_731679|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NSW951/2020|2020-07-28|EPI_ISL_545023|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/MI-MDHHS-SC22667/2020|2020-11-19|EPI_ISL_737281|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/Spain/M-20166261/2020|2020-05-28|EPI_ISL_776877|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|Garc\u00e9 de Viedma|Spain
>Spike|hCoV-19/USA/OH-ODH-SC35005/2020|2020-04-22|EPI_ISL_763321|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-9064S/2020|2020-05-19|EPI_ISL_569750|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUH-B6C8E1/2020|2020-11-11|EPI_ISL_655002|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9303/2020|2020-07-03|EPI_ISL_781048|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AD14D/2020|2020-04-30|EPI_ISL_447970|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/England/QEUH-9AF2E6/2020|2020-08-30|EPI_ISL_559834|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC2901/2020|2020-07-08|EPI_ISL_521732|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/IC-0098/2020|2020-07-00|EPI_ISL_591439|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20129020304/2020|2020-03-20|EPI_ISL_424010|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-ACCF81/2020|2020-10-21|EPI_ISL_630175|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE9EF/2020|2020-09-10|EPI_ISL_568109|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009230/2020|2020-05-12|EPI_ISL_525226|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4A536A/2020|2020-12-15|EPI_ISL_764855|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16443/2020|2020-11-16|EPI_ISL_714771|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IA-GMF-M00005/2020|2020-05-26|EPI_ISL_455582|Original|hCoV-19^^Iowa|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-100310/2020|2020-03-19|EPI_ISL_574921|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4925C4/2020|2020-11-18|EPI_ISL_706863|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1255/2020|2020-00-00|EPI_ISL_684865|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20422147204/2020|2020-09-00|EPI_ISL_584060|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC15490/2020|2020-08-01|EPI_ISL_593330|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20967/2020|2020-03-26|EPI_ISL_507755|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/DC-HP00074/2020|2020-03-20|EPI_ISL_438232|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Denmark/DCGC-2580/2020|2020-08-17|EPI_ISL_616417|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6849/2020|2020-10-12|EPI_ISL_619694|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9FCBB2/2020|2020-10-01|EPI_ISL_587768|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27522/2020|2020-03-30|EPI_ISL_432341|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410851/2020|2020-12-12|EPI_ISL_737809|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-EE536/2020|2020-00-00|EPI_ISL_490552|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5091/2020|2020-06-24|EPI_ISL_544518|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20139007404/2020|2020-03-26|EPI_ISL_420659|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR4521/2020|2020-09-21|EPI_ISL_585381|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-UW-45138/2020|2020-12-08|EPI_ISL_747228|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-220085/2020|2020-07-28|EPI_ISL_512051|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-951ACD/2020|2020-06-10|EPI_ISL_555455|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2651/2020|2020-00-00|EPI_ISL_579319|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/CA-CZB-1243/2020|2020-04-14|EPI_ISL_454663|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/MD-MDH-0381/2020|2020-10-27|EPI_ISL_660079|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-6279/2020|2020-10-05|EPI_ISL_620039|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B2EB88/2020|2020-11-04|EPI_ISL_659966|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204221487/2020|2020-00-00|EPI_ISL_593987|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-291D47/2020|2020-05-05|EPI_ISL_489138|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-10321/2020|2020-03-14|EPI_ISL_636530|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MN-MDH-1161/2020|2020-05-04|EPI_ISL_476746|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/India/UT-58369-CSIR-IGIB/2020|2020-08-03|EPI_ISL_636783|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Scotland/QEUA-A0B2C9/2020|2020-10-03|EPI_ISL_599310|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20887/2020|2020-05-18|EPI_ISL_471908|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-B23109/2020|2020-11-02|EPI_ISL_651718|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-UW-85/2020|2020-04-02|EPI_ISL_425142|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/India/MH-MW38/2020|2020-06-08|EPI_ISL_508438|Original|hCoV-19^^Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/FL-BPHL-0706/2020|2020-03-27|EPI_ISL_509764|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/20166059104/2020|2020-04-14|EPI_ISL_466557|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2D322/2020|2020-04-04|EPI_ISL_445972|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A2DAF/2020|2020-05-19|EPI_ISL_499870|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2003/2020|2020-03-18|EPI_ISL_604301|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/AZ-TG395940/2020|2020-06-08|EPI_ISL_694775|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-1335/2020|2020-04-14|EPI_ISL_542656|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48D8C3/2020|2020-11-09|EPI_ISL_680695|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-00048/2020|2020-00-00|EPI_ISL_548725|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/MN-MDH-2027/2020|2020-11-03|EPI_ISL_654708|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUA-A9E902/2020|2020-10-20|EPI_ISL_611405|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Pakistan/JRCGR-KHI18/2020|2020-07-02|EPI_ISL_779272|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/Scotland/EDB606/2020|2020-04-02|EPI_ISL_433213|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/CVR5109/2020|2020-09-21|EPI_ISL_627376|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Turkey/KU-001/2020|2020-05-19|EPI_ISL_495411|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/England/QEUA-AE4DD4/2020|2020-10-26|EPI_ISL_633296|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A56DA/2020|2020-12-15|EPI_ISL_764906|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A500CB/2020|2020-10-07|EPI_ISL_597878|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Shanghai/SH0011/2020|2020-01-29|EPI_ISL_416324|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/Guangdong/20SF812/2020|2020-01-28|EPI_ISL_428475|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/England/MILK-99D00F/2020|2020-08-30|EPI_ISL_549896|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B6BF44/2020|2020-09-25|EPI_ISL_612555|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16834/2020|2020-12-14|EPI_ISL_750593|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48E8C2/2020|2020-11-13|EPI_ISL_680927|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204491276/2020|2020-11-01|EPI_ISL_660772|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3075/2020|2020-00-00|EPI_ISL_579412|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMB-7EEE5/2020|2020-04-07|EPI_ISL_442975|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/United Arab Emirates/54/2020|2020-05-14|EPI_ISL_528704|Original|hCoV-19^^Abu Dhabi|Human|Alsafar - Khalifa University Abu Dhabi|Alsafar - Khalifa University Abu Dhabi|Daw Elbait|United Arab Emirates

>Spike|hCoV-19/England/LOND-DC331/2020|2020-08-26|EPI_ISL_627468|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Thailand/CO63-751-3/2020|2020-03-17|EPI_ISL_450968|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/Denmark/DCGC-20224/2020|2020-11-30|EPI_ISL_747738|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-5687/2020|2020-07-17|EPI_ISL_672391|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NORW-EB760/2020|2020-05-04|EPI_ISL_472314|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/SHEF-CA4BB/2020|2020-04-21|EPI_ISL_453737|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-9E5080/2020|2020-09-23|EPI_ISL_579906|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_70/2020|2020-00-00|EPI_ISL_461055|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/PA-MGEL91/2020|2020-03-31|EPI_ISL_454373|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/England/LIVE-9943D/2020|2020-04-08|EPI_ISL_439723|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Norway/3079/2020|2020-08-04|EPI_ISL_549087|Original|hCoV-19^^Viken|Human|Vestfold Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/TX-DSHS-1570/2020|2020-06-24|EPI_ISL_681860|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/QEUEH-96CF48/2020|2020-08-21|EPI_ISL_534526|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A6BAFC/2020|2020-10-09|EPI_ISL_608771|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovenia/V0-440/2020|2020-03-27|EPI_ISL_635290|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/CAMC-C84EE0/2020|2020-12-17|EPI_ISL_756675|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VPRL005/2020|2020-04-02|EPI_ISL_455597|Original|hCoV-19^^South Australia|Human|SA Pathology|VPRL|Leong|Australia

>Spike|hCoV-19/Brazil/SP-L39-CD1052/2020|2020-05-14|EPI_ISL_722017|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/USA/NY-Wadsworth-102997-01/2020|2020-05-15|EPI_ISL_676937|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/BIRM-5F14B/2020|2020-05-03|EPI_ISL_473315|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-7591/2020|2020-07-00|EPI_ISL_686693|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZH-EMC-748/2020|2020-09-14|EPI_ISL_632589|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B99906/2020|2020-11-15|EPI_ISL_673695|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-23379/2020|2020-08-10|EPI_ISL_576437|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21581/2020|2020-03-23|EPI_ISL_516308|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-169E28/2020|2020-08-20|EPI_ISL_529705|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4551/2020|2020-06-20|EPI_ISL_543711|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49D74B/2020|2020-12-13|EPI_ISL_742827|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FC25C/2020|2020-04-13|EPI_ISL_459341|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26629267/2020|2020-04-21|EPI_ISL_485243|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Guangdong/20SF273/2020|2020-01-23|EPI_ISL_428460|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/England/CAMC-9B21E3/2020|2020-09-04|EPI_ISL_566495|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14804/2020|2020-11-23|EPI_ISL_711995|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B2F2E/2020|2020-03-20|EPI_ISL_534827|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/UT-65137-CSIR-IGIB/2020|2020-08-07|EPI_ISL_636824|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Sweden/20-52426/2020|2020-07-17|EPI_ISL_560987|Original|hCoV-19^^Norrbotten|Human|Kliniskt mikrobiologiska laboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Spain/AN-IBV-004078/2020|2020-04-14|EPI_ISL_510046|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUI-B107D0/2020|2020-11-02|EPI_ISL_641641|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9D452B/2020|2020-09-18|EPI_ISL_601601|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000504/2020|2020-03-27|EPI_ISL_631965|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-48413A/2020|2020-10-23|EPI_ISL_627969|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1382/2020|2020-11-13|EPI_ISL_700437|Original|hCoV-19^^Western Cape|Human|Kwanokuthula CDC wc KWA|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Scotland/CVR2062/2020|2020-04-09|EPI_ISL_484549|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21676/2020|2020-07-13|EPI_ISL_516403|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB6265/2020|2020-04-08|EPI_ISL_487744|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-8A6514/2020|2020-07-24|EPI_ISL_532668|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1168/2020|2020-05-14|EPI_ISL_476753|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/AZ-TG280843/2020|2020-04-21|EPI_ISL_694185|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/MI-UM-10033774911/2020|2020-03-25|EPI_ISL_578103|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/CA-CZB-9533/2020|2020-04-09|EPI_ISL_672122|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NORT-2A497A/2020|2020-09-13|EPI_ISL_573391|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13405/2020|2020-11-30|EPI_ISL_712777|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-C93A44/2020|2020-12-16|EPI_ISL_777305|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-468/2020|2020-07-29|EPI_ISL_722813|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9FD173/2020|2020-10-02|EPI_ISL_587921|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-47079/2020|2020-12-14|EPI_ISL_756223|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/ME-HETL-J0438/2020|2020-12-17|EPI_ISL_755538|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Denmark/DCGC-9224/2020|2020-11-16|EPI_ISL_668859|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/HI-H200240/2020|2020-08-13|EPI_ISL_752799|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUA-BA1297/2020|2020-11-18|EPI_ISL_672866|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A4713D/2020|2020-10-06|EPI_ISL_598317|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1854785/2020|2020-04-27|EPI_ISL_495112|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53396/2020|2020-11-05|EPI_ISL_676498|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/FL-BPHL-1803/2020|2020-08-03|EPI_ISL_613900|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-18209/2020|2020-12-14|EPI_ISL_749815|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1861/2020|2020-04-20|EPI_ISL_622538|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-C320DC/2020|2020-12-11|EPI_ISL_782548|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FF523/2020|2020-04-24|EPI_ISL_469860|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/22A98S8/2020|2020-04-22|EPI_ISL_481617|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Northern Ireland/NIRE-1000B4/2020|2020-05-02|EPI_ISL_489330|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4395/2020|2020-09-22|EPI_ISL_585269|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-A95E84/2020|2020-10-19|EPI_ISL_624725|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-473/2020|2020-08-11|EPI_ISL_700121|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUA-AEFBB1/2020|2020-10-29|EPI_ISL_662698|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012152791/2020|2020-12-03|EPI_ISL_746976|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/LA-GBCL-26684493/2020|2020-04-10|EPI_ISL_485303|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/HI-H200699/2020|2020-12-01|EPI_ISL_753220|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Senegal/6751/2020|2020-04-21|EPI_ISL_486859|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/USA/ME-HETL-J0180/2020|2020-09-16|EPI_ISL_755360|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Wales/PHWC-488E3F/2020|2020-10-30|EPI_ISL_639506|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499D98/2020|2020-11-24|EPI_ISL_727442|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3781/2020|2020-04-20|EPI_ISL_622665|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-0504/2020|2020-04-06|EPI_ISL_569558|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0027Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-51D645/2020|2020-06-02|EPI_ISL_558960|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0582/2020|2020-07-09|EPI_ISL_498120|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/LIVE-A41CF/2020|2020-06-17|EPI_ISL_490407|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-273CE/2020|2020-03-31|EPI_ISL_432214|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AD28AB/2020|2020-10-26|EPI_ISL_633728|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20201/2020|2020-03-30|EPI_ISL_447172|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC3873/2020|2020-07-13|EPI_ISL_520586|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B82B5/2020|2020-10-19|EPI_ISL_637739|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-B5CE3D/2020|2020-11-10|EPI_ISL_655800|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72A74/2020|2020-03-24|EPI_ISL_439663|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Ireland/LS-NVRL-20G44005/2020|2020-03-31|EPI_ISL_681920|Original|hCoV-19^^Laois|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/PORT-2D0FBF/2020|2020-04-23|EPI_ISL_475315|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11108/2020|2020-12-16|EPI_ISL_737356|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/SHEF-C179D/2020|2020-04-25|EPI_ISL_457586|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1576/2020|2020-08-03|EPI_ISL_530172|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10804/2020|2020-07-05|EPI_ISL_789634|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49BDC3/2020|2020-12-06|EPI_ISL_742466|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-949882/2020|2020-06-12|EPI_ISL_556503|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-99C02E/2020|2020-08-30|EPI_ISL_559780|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC43/2020|2020-04-29|EPI_ISL_444474|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/France/PDL-1643/2020|2020-02-26|EPI_ISL_414625|Original|hCoV-19^^Pays-de-la-Loire|Human|Centre Hospitalier R\u00e9gional Universitaire de Nantes Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-13186/2020|2020-11-30|EPI_ISL_712637|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BB1BD5/2020|2020-11-18|EPI_ISL_720155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-222E39/2020|2020-12-19|EPI_ISL_741536|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/BIRM-6633C/2020|2020-10-07|EPI_ISL_612258|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201220800/2020|2020-04-15|EPI_ISL_672567|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-94E243/2020|2020-06-17|EPI_ISL_555156|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-934/2020|2020-03-22|EPI_ISL_571638|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-9D05D4/2020|2020-09-14|EPI_ISL_589903|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00544/2020|2020-10-27|EPI_ISL_717928|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/South Africa/KRISP-K001356/2020|2020-07-16|EPI_ISL_515841|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MA-MASPHL-00410/2020|2020-04-26|EPI_ISL_693139|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/PG-4024/2020|2020-07-00|EPI_ISL_692265|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-495F69/2020|2020-11-24|EPI_ISL_726510|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9EB9CB/2020|2020-09-24|EPI_ISL_584386|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9C61EC/2020|2020-09-10|EPI_ISL_567689|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HE-FFM4/2020|2020-03-02|EPI_ISL_452220|Caco-2|hCoV-19^^Hesse|Human|Goethe University Hospital Frankfurt|Institute for Medical Virology|Toptan Grabmair|Germany

>Spike|hCoV-19/England/CAMC-B99D37/2020|2020-11-15|EPI_ISL_673383|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCC18A/2020|2020-11-27|EPI_ISL_704686|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PDL-SC632/2020|2020-04-02|EPI_ISL_663272|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/CO-CDPHE-2004220698/2020|2020-04-21|EPI_ISL_710183|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/WA-S922/2020|2020-04-26|EPI_ISL_463412|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-16DB78/2020|2020-09-22|EPI_ISL_577498|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14638/2020|2020-11-16|EPI_ISL_739582|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Israel/CVL1808/2020|2020-07-05|EPI_ISL_516911|Original|hCoV-19^^Haifa District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Canada/NB_246/2020|2020-03-31|EPI_ISL_481744|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Grudeski|Canada

>Spike|hCoV-19/Wales/ALDP-9BCED3/2020|2020-09-09|EPI_ISL_573866|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20128017504/2020|2020-03-19|EPI_ISL_423946|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7442/2020|2020-07-00|EPI_ISL_688544|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9F6E19/2020|2020-09-27|EPI_ISL_595635|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20063264/2020|2020-07-20|EPI_ISL_539813|Original|hCoV-19^^Hong Kong|Human|Prince of Wales Hospital|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/Mexico/BCN-ALSR-4899/2020|2020-07-08|EPI_ISL_730202|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/England/CAMB-72485/2020|2020-03-24|EPI_ISL_439596|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0133/2020|2020-10-11|EPI_ISL_747368|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Greece/22565_HPI/2020|2020-05-08|EPI_ISL_501250|Original|hCoV-19^^Athens|Human|Hellenic Pasteur Institute|Hellenic Pasteur Institute|Kosyvakis|Greece

>Spike|hCoV-19/England/QEUEH-B2C179/2020|2020-11-04|EPI_ISL_680063|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-B946E6/2020|2020-11-13|EPI_ISL_676135|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bulgaria/34/2020|2020-04-25|EPI_ISL_480306|Original|hCoV-19^^Vidin|Human|National Reference Laboratory \Influenza and acute respiratory diseases\|NRL-HIV|Ivanov|Bulgaria

>Spike|hCoV-19/England/ALDP-B8329B/2020|2020-11-14|EPI_ISL_675680|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-98F6A/2020|2020-04-07|EPI_ISL_439676|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-C2F94/2020|2020-09-14|EPI_ISL_573692|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/IN-CDC-2-3693654/2020|2020-11-06|EPI_ISL_747088|Original|hCoV-19^^Indiana|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9414/2020|2020-07-03|EPI_ISL_781108|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20369/2020|2020-12-07|EPI_ISL_728589|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUEH-9B7E23/2020|2020-09-07|EPI_ISL_590625|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC660/2020|2020-03-28|EPI_ISL_426956|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUH-A2162B/2020|2020-10-01|EPI_ISL_587575|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4946A1/2020|2020-11-20|EPI_ISL_726153|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B94E57/2020|2020-11-14|EPI_ISL_676188|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-AR54/2020|2020-06-04|EPI_ISL_508193|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/20168038304/2020|2020-04-13|EPI_ISL_466619|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_9/2020|2020-03-20|EPI_ISL_422648|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORT-2972AC/2020|2020-04-27|EPI_ISL_488079|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2534/2020|2020-07-02|EPI_ISL_522227|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-A49872/2020|2020-10-05|EPI_ISL_627085|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8885/2020|2020-11-02|EPI_ISL_625883|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-ABD2B7/2020|2020-10-04|EPI_ISL_631089|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42208514/2020|2020-03-27|EPI_ISL_581768|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/201380069/2020|2020-03-25|EPI_ISL_421817|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-2091/2020|2020-03-00|EPI_ISL_685696|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Turkey/ETLKVET3/2020|2020-03-00|EPI_ISL_636971|P5|hCoV-19^^Ankara|Human|Etlik Veterinary Control Central Research Institute|Etlik Veterinary Control Central Research Institute|Hacioglu|Turkey

>Spike|hCoV-19/Australia/VIC3206/2020|2020-07-05|EPI_ISL_520892|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-14950/2020|2020-09-04|EPI_ISL_739372|Original|hCoV-19^^California|Human|Monterey County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Spain/MD-HLP-93/2020|2020-05-06|EPI_ISL_530089|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/MILK-ACD9FB/2020|2020-10-21|EPI_ISL_630166|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000766/2020|2020-03-07|EPI_ISL_452730|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/UT-08386/2020|2020-05-20|EPI_ISL_524169|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-9B4BC5/2020|2020-09-03|EPI_ISL_590273|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6000/2020|2020-07-00|EPI_ISL_689113|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/EXET-135ECB/2020|2020-04-18|EPI_ISL_457178|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B85545/2020|2020-11-14|EPI_ISL_674432|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EBA7D/2020|2020-09-24|EPI_ISL_584393|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2847/2020|2020-06-07|EPI_ISL_543818|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49F1C3/2020|2020-12-08|EPI_ISL_743177|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9324837/2020|2020-03-12|EPI_ISL_419602|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CHLA-PLM42701908/2020|2020-12-10|EPI_ISL_753663|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/EDB252/2020|2020-03-27|EPI_ISL_425955|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE78B/2020|2020-09-09|EPI_ISL_567993|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC353/2020|2020-09-23|EPI_ISL_580567|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15183/2020|2020-11-23|EPI_ISL_739597|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMB-7F39A/2020|2020-04-08|EPI_ISL_442973|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-7BC48/2020|2020-04-05|EPI_ISL_442099|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-6582/2020|2020-09-00|EPI_ISL_687694|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A851CA/2020|2020-10-16|EPI_ISL_610544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG618047/2020|2020-07-20|EPI_ISL_695689|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B5BDD7/2020|2020-11-09|EPI_ISL_655649|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9584/2020|2020-11-20|EPI_ISL_702433|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000256/2020|2020-04-25|EPI_ISL_631782|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/LA-GBCL-26544536/2020|2020-04-18|EPI_ISL_485118|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/ALDP-CB6A2D/2020|2020-12-19|EPI_ISL_761759|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1314/2020|2020-03-31|EPI_ISL_648232|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Norway/2959/2020|2020-07-29|EPI_ISL_549081|Original|hCoV-19^^Vestlandet|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Ghana/84162_S45/2020|2020-04-25|EPI_ISL_515103|Original|hCoV-19^^Ghana|Human|Department of Biochemistry|WACCBIP|Amuzu|Ghana

>Spike|hCoV-19/Australia/VIC13806/2020|2020-08-17|EPI_ISL_592322|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUAH-9DB0C9/2020|2020-09-21|EPI_ISL_581063|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-796E2/2020|2020-04-03|EPI_ISL_441823|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-S1972/2020|2020-06-03|EPI_ISL_497400|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-ACE453/2020|2020-10-21|EPI_ISL_629354|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17879/2020|2020-12-14|EPI_ISL_749501|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-DOH-2020616912/2020|2020-12-12|EPI_ISL_751802|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Scotland/EDB6888/2020|2020-04-30|EPI_ISL_526502|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3476/2020|2020-08-31|EPI_ISL_616263|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B0644F/2020|2020-10-24|EPI_ISL_652232|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A6DACD/2020|2020-10-14|EPI_ISL_607924|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC66AF/2020|2020-11-21|EPI_ISL_721223|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6298/2020|2020-11-29|EPI_ISL_775383|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/CA-ALSR-3422/2020|2020-07-07|EPI_ISL_636019|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/201100019/2020|2020-03-08|EPI_ISL_464624|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CF73C/2020|2020-09-15|EPI_ISL_590111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1854/2020|2020-10-06|EPI_ISL_602989|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUEH-98F5C5/2020|2020-08-27|EPI_ISL_540020|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0449/2020|2020-03-05|EPI_ISL_475866|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Ireland/CN-NVRL-20IRL82667/2020|2020-10-05|EPI_ISL_639890|Original|hCoV-19^^Cavan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-484AC6/2020|2020-10-19|EPI_ISL_627154|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20856/2020|2020-04-29|EPI_ISL_471877|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NOTT-10F659/2020|2020-04-03|EPI_ISL_433031|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14547/2020|2020-11-11|EPI_ISL_739010|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WI-WSLH-200163/2020|2020-03-31|EPI_ISL_578389|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMC-AB1981/2020|2020-10-23|EPI_ISL_623812|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA365E/2020|2020-10-22|EPI_ISL_625005|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200490/2020|2020-05-20|EPI_ISL_578631|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/NY-NYUMC172/2020|2020-04-01|EPI_ISL_427469|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-95A7CD/2020|2020-06-14|EPI_ISL_554897|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5651/2020|2020-04-00|EPI_ISL_688775|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Zimbabwe/ZW-1114/2020|2020-04-01|EPI_ISL_644786|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/USA/CA-ALSR-1510/2020|2020-04-02|EPI_ISL_494632|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-16A7E0/2020|2020-09-10|EPI_ISL_560107|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC5384/2020|2020-07-17|EPI_ISL_520147|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-9D0E42/2020|2020-09-16|EPI_ISL_601864|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8320/2020|2020-07-07|EPI_ISL_784329|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/AM-ALSR-5300/2020|2020-11-06|EPI_ISL_730536|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/South Africa/KRISP-0275/2020|2020-06-18|EPI_ISL_482862|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/LOND-DA88F/2020|2020-11-09|EPI_ISL_724665|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/CVR5382/2020|2020-10-06|EPI_ISL_651789|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-ACECA6/2020|2020-10-21|EPI_ISL_629165|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8008/2020|2020-07-07|EPI_ISL_545786|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-21809/2020|2020-12-21|EPI_ISL_758378|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-MPU91828/2020|2020-04-13|EPI_ISL_767775|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/ALDP-B7600A/2020|2020-11-12|EPI_ISL_723724|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18831/2020|2020-12-07|EPI_ISL_748289|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-2043/2020|2020-11-02|EPI_ISL_654724|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/France/OCC-38/2020|2020-06-12|EPI_ISL_591546|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/USA/ID-UW-6461/2020|2020-04-02|EPI_ISL_570118|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM90989138/2020|2020-11-30|EPI_ISL_753452|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/QEUEH-CB115A/2020|2020-12-07|EPI_ISL_760986|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D50B0/2020|2020-09-18|EPI_ISL_601565|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-138E8C/2020|2020-10-30|EPI_ISL_664117|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD2E2/2020|2020-09-16|EPI_ISL_566411|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1015/2020|2020-03-14|EPI_ISL_571741|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BIRM-653E2/2020|2020-09-30|EPI_ISL_594556|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUH-C345CC/2020|2020-12-11|EPI_ISL_733967|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7219474/2020|2020-12-28|EPI_ISL_771121|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B63AB7/2020|2020-11-09|EPI_ISL_656595|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13984/2020|2020-06-16|EPI_ISL_739446|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/FL-BPHL-0282/2020|2020-05-13|EPI_ISL_480933|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Sweden/20-22281/2020|2020-09-17|EPI_ISL_654896|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/LIVE-A9115/2020|2020-03-25|EPI_ISL_517263|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B677/2020|2020-12-09|EPI_ISL_730738|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1705/2020|2020-05-00|EPI_ISL_685311|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-DAE9C/2020|2020-11-09|EPI_ISL_724723|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-006424/2020|2020-04-16|EPI_ISL_510139|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-QDX-2157/2020|2020-03-22|EPI_ISL_604433|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/201060061/2020|2020-03-04|EPI_ISL_464389|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-BBCABF/2020|2020-11-21|EPI_ISL_705605|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21087/2020|2020-04-01|EPI_ISL_507863|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-15C954/2020|2020-05-07|EPI_ISL_472560|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0155/2020|2020-04-01|EPI_ISL_451945|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/CAMC-C40DF2/2020|2020-12-10|EPI_ISL_719122|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B13B3B/2020|2020-11-02|EPI_ISL_641831|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-135C94/2020|2020-00-00|EPI_ISL_457152|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9346/2020|2020-07-03|EPI_ISL_781071|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1568/2020|2020-05-26|EPI_ISL_495994|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-9753C8/2020|2020-08-21|EPI_ISL_552670|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149034604/2020|2020-04-03|EPI_ISL_466185|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-08360/2020|2020-05-13|EPI_ISL_524143|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-8883/2020|2020-10-26|EPI_ISL_626140|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16042F/2020|2020-05-21|EPI_ISL_472932|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94CDAE/2020|2020-06-15|EPI_ISL_555883|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB41F/2020|2020-11-18|EPI_ISL_783120|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6400/2020|2020-07-06|EPI_ISL_545972|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14586/2020|2020-11-23|EPI_ISL_711857|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A68B1A/2020|2020-10-12|EPI_ISL_609104|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8566339/2020|2020-12-23|EPI_ISL_771067|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-CA41A5/2020|2020-12-16|EPI_ISL_762326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A1656/2020|2020-12-10|EPI_ISL_743705|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/RJ-3021/2020|2020-04-30|EPI_ISL_541369|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/HI-H200402/2020|2020-09-23|EPI_ISL_752947|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/WA-S1767/2020|2020-06-01|EPI_ISL_496193|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Canada/ON-S908/2020|2020-04-13|EPI_ISL_591258|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Sweden/20-52652/2020|2020-05-25|EPI_ISL_660416|Original|hCoV-19^^Orebro|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-A682AC/2020|2020-10-12|EPI_ISL_609057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CD175/2020|2020-07-03|EPI_ISL_526444|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5279966/2020|2020-11-13|EPI_ISL_744212|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-13895/2020|2020-08-10|EPI_ISL_738800|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Netherlands/NB-RIVM-20550/2020|2020-12-15|EPI_ISL_790637|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/EXET-138912/2020|2020-10-05|EPI_ISL_626944|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-5A6A63/2020|2020-06-13|EPI_ISL_558650|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20153/2020|2020-03-21|EPI_ISL_436830|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-100059/2020|2020-03-12|EPI_ISL_466981|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MN-MDH-1404/2020|2020-06-25|EPI_ISL_514623|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-3712/2020|2020-08-31|EPI_ISL_615490|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2720/2020|2020-03-00|EPI_ISL_690852|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-7E331/2020|2020-04-16|EPI_ISL_433472|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CE57F/2020|2020-09-12|EPI_ISL_590057|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32AF8/2020|2020-04-14|EPI_ISL_474396|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10296/2020|2020-07-24|EPI_ISL_540463|Original|hCoV-19^^Anvers|Human|University of Li\u00e8ge COVID-19 testing center|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-AC7320/2020|2020-10-22|EPI_ISL_630342|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14209/2020|2020-11-10|EPI_ISL_739156|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-27EAF/2020|2020-03-24|EPI_ISL_431971|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F1018204/2020|2020-11-04|EPI_ISL_708439|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/BRIS-125040/2020|2020-03-26|EPI_ISL_443704|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0208/2020|2020-07-10|EPI_ISL_569935|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/CA-ALSR-3316/2020|2020-09-22|EPI_ISL_635958|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-1695D8/2020|2020-07-25|EPI_ISL_512483|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-29EDD1/2020|2020-05-11|EPI_ISL_490485|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1103/2020|2020-04-18|EPI_ISL_542532|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG351979/2020|2020-05-26|EPI_ISL_694411|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/South Africa/KRISP-K002226/2020|2020-07-21|EPI_ISL_515622|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Sweden/20-52440/2020|2020-07-22|EPI_ISL_539884|Original|hCoV-19^^Vastra Gotaland|Human|Omtanken Grimmered|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/CVR2164/2020|2020-04-11|EPI_ISL_484565|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LOND-12F1BB1/2020|2020-12-17|EPI_ISL_763491|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/DR-RIVM-20423/2020|2020-11-30|EPI_ISL_728643|Original|hCoV-19^^Drenthe|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/WA-UW-23196/2020|2020-08-06|EPI_ISL_570755|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR6103/2020|2020-12-03|EPI_ISL_705253|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Hong Kong/HKPU-1296/2020|2020-07-07|EPI_ISL_610185|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/USA/TX-HMH-6480/2020|2020-06-27|EPI_ISL_546026|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AR-ISCI-201778/2020|2020-03-08|EPI_ISL_578192|Original|hCoV-19^^Aragon|Human|Hospital Universitario Miguel Servet|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Chile/RM-146538/2020|2020-08-10|EPI_ISL_746646|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/CA-ALSR-0935-SAN/2020|2020-03-29|EPI_ISL_483424|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-95AEC8/2020|2020-06-10|EPI_ISL_555582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B54970/2020|2020-11-09|EPI_ISL_658207|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B85B8F/2020|2020-11-14|EPI_ISL_675617|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP519/2020|2020-10-24|EPI_ISL_603124|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-9436/2020|2020-07-03|EPI_ISL_781122|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BAAE8B/2020|2020-11-18|EPI_ISL_783101|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B98819/2020|2020-11-15|EPI_ISL_673625|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-CDC-6233/2020|2020-03-26|EPI_ISL_576182|Original|hCoV-19^^Wisconsin|Human|WI State Laboratory of Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/MI-QDX-571/2020|2020-03-19|EPI_ISL_571323|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-A1EBD7/2020|2020-09-29|EPI_ISL_587490|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1809/2020|2020-07-27|EPI_ISL_526033|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/203590010/2020|2020-08-27|EPI_ISL_566073|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-964432/2020|2020-08-11|EPI_ISL_536828|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-159719-01/2020|2020-07-01|EPI_ISL_676987|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/VIC2301/2020|2020-06-25|EPI_ISL_522022|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B33F84/2020|2020-11-05|EPI_ISL_659374|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-1798/2020|2020-04-06|EPI_ISL_541348|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Mexico/NLE-INDRE-59/2020|2020-08-14|EPI_ISL_576262|Original|hCoV-19^^Nuevo Leon|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/Australia/VIC6380/2020|2020-07-24|EPI_ISL_521172|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-31F27/2020|2020-04-07|EPI_ISL_446586|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-6444/2020|2020-10-00|EPI_ISL_740594|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/CAMB-7DB3A/2020|2020-04-06|EPI_ISL_441727|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Belgium/reg-12111325/2020|2020-12-11|EPI_ISL_738378|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/CVR5962/2020|2020-11-24|EPI_ISL_705699|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11179/2020|2020-09-15|EPI_ISL_625534|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/NS-NML-910/2020|2020-03-22|EPI_ISL_579559|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/CA-SEARCH-5554/2020|2020-11-18|EPI_ISL_755290|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Crimea/RII-MH9362S/2020|2020-10-14|EPI_ISL_733452|Original|hCoV-19^^Novofedorovka|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Crimea

>Spike|hCoV-19/England/ALDP-A2D4BC/2020|2020-10-06|EPI_ISL_586771|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-310483/2020|2020-10-08|EPI_ISL_603553|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR4331/2020|2020-09-09|EPI_ISL_573777|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17711/2020|2020-12-14|EPI_ISL_751161|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-2892/2020|2020-07-11|EPI_ISL_635725|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-18426/2020|2020-12-07|EPI_ISL_749958|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-20432/2020|2020-12-21|EPI_ISL_759143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1B571/2020|2020-11-01|EPI_ISL_645801|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9326809/2020|2020-11-20|EPI_ISL_744884|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUIH-95DD31/2020|2020-08-07|EPI_ISL_537090|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-192/2020|2020-03-23|EPI_ISL_428288|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/CT-Yale-270/2020|2020-04-02|EPI_ISL_469194|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/NORT-287FE4/2020|2020-11-16|EPI_ISL_725008|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2168/2020|2020-05-22|EPI_ISL_545157|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-1B71DC9/2020|2020-11-19|EPI_ISL_706322|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Canada/ON-S1276/2020|2020-04-28|EPI_ISL_586327|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Russia/CRIE7249896/2020|2020-08-25|EPI_ISL_610244|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Samoilov|Russia

>Spike|hCoV-19/England/QEUEH-B6B062/2020|2020-11-11|EPI_ISL_662566|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MP-NCDC-3961/2020|2020-04-09|EPI_ISL_436443|Original|hCoV-19^^Madhya Pradesh|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/USA/SC-20-1273-T07/2020|2020-06-30|EPI_ISL_516753|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/Wales/PHWC-4946FC/2020|2020-11-20|EPI_ISL_726158|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB9298/2020|2020-11-05|EPI_ISL_666072|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5907/2020|2020-10-05|EPI_ISL_620172|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-164A47/2020|2020-06-08|EPI_ISL_479338|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-243EF/2020|2020-03-16|EPI_ISL_419407|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0789/2020|2020-04-00|EPI_ISL_684399|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-3352/2020|2020-07-13|EPI_ISL_548285|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-C48B78/2020|2020-12-12|EPI_ISL_736511|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-455/2020|2020-03-21|EPI_ISL_571190|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-CZB-3737/2020|2020-07-22|EPI_ISL_548460|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-9D7E2D/2020|2020-09-17|EPI_ISL_576634|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/BC_8896915/2020|2020-03-11|EPI_ISL_418854|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Japan/PG-1719/2020|2020-04-00|EPI_ISL_685325|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-3372/2020|2020-06-13|EPI_ISL_544156|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-126032E/2020|2020-03-15|EPI_ISL_524669|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5323/2020|2020-09-14|EPI_ISL_615254|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K000628/2020|2020-07-12|EPI_ISL_509279|Original|hCoV-19^^KwaZulu-Natal|Human|NHL5-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC11759/2020|2020-07-17|EPI_ISL_563488|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-13867/2020|2020-08-20|EPI_ISL_739472|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Northern Ireland/NIRE-108B06/2020|2020-10-09|EPI_ISL_627536|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13062/2020|2020-11-30|EPI_ISL_712561|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-7025/2020|2020-06-28|EPI_ISL_546444|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MD-HP00154/2020|2020-03-29|EPI_ISL_457783|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/South Korea/KDCA0459/2020|2020-11-17|EPI_ISL_760243|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Guangzhou/GZMU0045/2020|2020-02-08|EPI_ISL_429092|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spike|hCoV-19/England/CAMC-9EC317/2020|2020-09-23|EPI_ISL_580579|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14567/2020|2020-10-09|EPI_ISL_787852|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC13365/2020|2020-07-28|EPI_ISL_563693|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S73/2020|2020-03-05|EPI_ISL_417126|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-1989/2020|2020-07-20|EPI_ISL_618320|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/RS-6187/2020|2020-05-09|EPI_ISL_729798|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Spain/AN-IBV-003011/2020|2020-04-01|EPI_ISL_474846|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-GMF-25355/2020|2020-10-12|EPI_ISL_660923|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Northern Ireland/NIRE-101E9B/2020|2020-03-24|EPI_ISL_453472|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-AA5416/2020|2020-10-21|EPI_ISL_624972|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4240/2020|2020-06-18|EPI_ISL_543454|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/NW-UBI-45/2020|2020-06-09|EPI_ISL_631299|Original|hCoV-19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/England/ALDP-C3C746/2020|2020-12-10|EPI_ISL_730945|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10472/2020|2020-09-22|EPI_ISL_581578|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-1915/2020|2020-10-27|EPI_ISL_677324|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-163FA3/2020|2020-05-02|EPI_ISL_474111|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B98EDB/2020|2020-11-15|EPI_ISL_673335|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124D48E/2020|2020-04-30|EPI_ISL_507100|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/BRIS-1853AD8/2020|2020-04-17|EPI_ISL_492256|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB444F/2020|2020-12-19|EPI_ISL_761747|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW497/2020|2020-04-07|EPI_ISL_455037|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/LA-EVTL1405/2020|2020-12-11|EPI_ISL_779071|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-48B6DA/2020|2020-11-05|EPI_ISL_666269|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Mexico/MIC-INDRE-74/2020|2020-08-20|EPI_ISL_576277|Original|hCoV-19^^Michoacan|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/Belgium/ULG-10337/2020|2020-07-30|EPI_ISL_540504|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-BD4398/2020|2020-11-27|EPI_ISL_702128|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1142/2020|2020-04-03|EPI_ISL_447893|Original|hCoV-19^^California|Human|University of California|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Spain/VC-IBV-98004445/2020|2020-03-24|EPI_ISL_583928|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/NA_360/2020|2020-03-20|EPI_ISL_455164|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-2012442845/2020|2020-08-12|EPI_ISL_745890|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MN-MDH-1398/2020|2020-04-30|EPI_ISL_514617|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-4A0E04/2020|2020-12-11|EPI_ISL_743582|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A8FB2/2020|2020-03-25|EPI_ISL_517242|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACAE9/2020|2020-04-22|EPI_ISL_489386|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4666/2020|2020-11-11|EPI_ISL_667066|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-16070/2020|2020-11-16|EPI_ISL_714572|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10241/2020|2020-11-09|EPI_ISL_669853|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-NM0106/2020|2020-03-20|EPI_ISL_444591|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/EXET-13E67F/2020|2020-00-00|EPI_ISL_724341|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MS-CDC-6570/2020|2020-03-11|EPI_ISL_648022|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/LA-EVTL337/2020|2020-05-21|EPI_ISL_578743|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/VIC4947/2020|2020-07-15|EPI_ISL_519320|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/ARA93756/2020|2020-10-24|EPI_ISL_640000|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/NORT-29EAF8/2020|2020-05-11|EPI_ISL_488067|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-300468/2020|2020-09-30|EPI_ISL_603415|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BE-42342962/2020|2020-07-07|EPI_ISL_581879|Original|hCoV-19^^Bern|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/CVR177/2020|2020-03-17|EPI_ISL_425717|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1488/2020|2020-03-19|EPI_ISL_468438|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21128/2020|2020-04-01|EPI_ISL_507904|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/QEUH-A1FBA9/2020|2020-10-01|EPI_ISL_599040|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C07E9/2020|2020-03-27|EPI_ISL_420160|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1693A1/2020|2020-07-13|EPI_ISL_499410|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5372/2020|2020-06-24|EPI_ISL_544724|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah249/2020|2020-03-31|EPI_ISL_437735|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/VIC16858/2020|2020-08-20|EPI_ISL_663610|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BB09EB/2020|2020-11-17|EPI_ISL_719990|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/493/2020|2020-04-26|EPI_ISL_477190|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine Tan Tock Seng Hospital|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/England/MILK-C52E45/2020|2020-12-11|EPI_ISL_736363|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100128/2020|2020-03-16|EPI_ISL_451712|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BS-42206374/2020|2020-03-25|EPI_ISL_581749|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/NORW-EA94D/2020|2020-05-19|EPI_ISL_461876|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL056/2020|2020-05-02|EPI_ISL_451217|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/20139062104/2020|2020-03-27|EPI_ISL_420738|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20180031404/2020|2020-04-23|EPI_ISL_465435|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8440/2020|2020-11-00|EPI_ISL_740802|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/MD-HP12053/2020|2020-11-24|EPI_ISL_791385|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/USA/UT-UPHL-2012291116/2020|2020-08-13|EPI_ISL_746015|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-07024/2020|2020-06-22|EPI_ISL_487266|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/CAMC-B99933/2020|2020-11-15|EPI_ISL_673853|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L15-CD280/2020|2020-03-30|EPI_ISL_476271|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00e9nicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/LOND-124C7FF/2020|2020-00-00|EPI_ISL_490433|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Australia/VIC16078/2020|2020-08-01|EPI_ISL_640587|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14698/2020|2020-10-12|EPI_ISL_787983|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-96E17D/2020|2020-08-20|EPI_ISL_534452|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13540/2020|2020-08-04|EPI_ISL_563742|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-52A627/2020|2020-06-01|EPI_ISL_559002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3289/2020|2020-04-08|EPI_ISL_489059|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0518-SAN/2020|2020-04-01|EPI_ISL_483197|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-1B6466/2020|2020-09-22|EPI_ISL_576911|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-A6838B/2020|2020-10-12|EPI_ISL_608605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1061-SAN/2020|2020-06-20|EPI_ISL_483492|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-0525/2020|2020-04-03|EPI_ISL_435361|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/CAMC-94AFE6/2020|2020-07-18|EPI_ISL_556784|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5473/2020|2020-06-25|EPI_ISL_544799|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-359/2020|2020-04-18|EPI_ISL_450713|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-B12CDF/2020|2020-11-01|EPI_ISL_641788|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009160/2020|2020-05-23|EPI_ISL_525149|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-BEB48C/2020|2020-12-03|EPI_ISL_708933|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12174F/2020|2020-03-02|EPI_ISL_440154|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A2E3/2020|2020-12-01|EPI_ISL_727525|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC530/2020|2020-03-23|EPI_ISL_426796|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/NORW-22259E/2020|2020-12-19|EPI_ISL_741502|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14855/2020|2020-11-20|EPI_ISL_738958|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-C343C2/2020|2020-12-10|EPI_ISL_734081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410561/2020|2020-11-26|EPI_ISL_737734|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-71DB8/2020|2020-03-30|EPI_ISL_438458|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-23549B/2020|2020-11-02|EPI_ISL_764435|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Uruguay/UY-1/2020|2020-03-16|EPI_ISL_426476|Original|hCoV-19^^Montevideo|Human|Microbial Genomics Laboratory|Microbial Genomics Laboratory|Iraola|Uruguay

>Spike|hCoV-19/Australia/WA04/2020|2020-03-15|EPI_ISL_420536|Original|hCoV-19^^Western Australia|Human|Department of Microbiology|Department of Microbiology|Sikazwe|Australia

>Spike|hCoV-19/England/CAMB-79099/2020|2020-04-04|EPI_ISL_441155|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-277/2020|2020-07-10|EPI_ISL_699929|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Iceland/505/2020|2020-03-21|EPI_ISL_424527|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/SHEF-10C803E/2020|2020-12-18|EPI_ISL_741950|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16297/2020|2020-10-27|EPI_ISL_785981|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16969/2020|2020-12-14|EPI_ISL_750217|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-2579/2020|2020-08-20|EPI_ISL_667257|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/WA51/2020|2020-03-20|EPI_ISL_470868|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18284/2020|2020-11-17|EPI_ISL_784632|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20463/2020|2020-12-21|EPI_ISL_758730|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/DRC/241/2020|2020-03-22|EPI_ISL_420033|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/USA/UT-08365/2020|2020-05-19|EPI_ISL_524148|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC16663/2020|2020-08-03|EPI_ISL_640789|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2198/2020|2020-08-10|EPI_ISL_617499|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10B2E6A/2020|2020-05-16|EPI_ISL_537209|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9962/2020|2020-11-09|EPI_ISL_668631|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B48E07/2020|2020-11-07|EPI_ISL_649212|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C483CB/2020|2020-12-12|EPI_ISL_736735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A7C6/2020|2020-12-02|EPI_ISL_727598|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-1229FD/2020|2020-04-03|EPI_ISL_440803|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22582/2020|2020-12-14|EPI_ISL_757653|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B637FC/2020|2020-11-09|EPI_ISL_656465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32A70/2020|2020-04-14|EPI_ISL_474388|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1207/2020|2020-04-24|EPI_ISL_494437|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-9733F7/2020|2020-08-19|EPI_ISL_575854|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6023/2020|2020-05-06|EPI_ISL_487776|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/AR-208477/2020|2020-10-16|EPI_ISL_746505|Original|hCoV-19^^La Araucania|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Spain/VC-IBV-98004329/2020|2020-03-24|EPI_ISL_654472|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48B9E0/2020|2020-11-02|EPI_ISL_666310|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8756036/2020|2020-11-01|EPI_ISL_744806|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/FL-BPHL-0287/2020|2020-05-15|EPI_ISL_480938|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-163CCA/2020|2020-05-01|EPI_ISL_474068|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH1042S/2020|2020-09-06|EPI_ISL_596254|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH896/2020|2020-05-26|EPI_ISL_513199|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Germany/BY-ChVir-1289/2020|2020-02-01|EPI_ISL_450203|Original|hCoV-19^^Bavaria|Human|Department of Virology|Department of Virology|B\u00f6hmer|Germany

>Spike|hCoV-19/USA/FL-QDX-2018/2020|2020-03-16|EPI_ISL_604326|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Belgium/ULG-10257/2020|2020-07-17|EPI_ISL_515064|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MO-WUSTL042/2020|2020-06-19|EPI_ISL_493073|Original|hCoV-19^^Missouri|Human|Washington University in St. Louis|Washington University in St. Louis|Tahan|USA

>Spike|hCoV-19/USA/CA-CZB-2468/2020|2020-05-19|EPI_ISL_513873|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUA-B2DFE7/2020|2020-11-04|EPI_ISL_659812|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13811/2020|2020-11-30|EPI_ISL_712240|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18760/2020|2020-12-07|EPI_ISL_748282|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001241/2020|2020-11-06|EPI_ISL_683850|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/PG-1440/2020|2020-04-00|EPI_ISL_685047|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH280/2020|2020-04-01|EPI_ISL_513124|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Japan/PG-7224/2020|2020-08-00|EPI_ISL_688328|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/IL-NM-1219/2020|2020-06-22|EPI_ISL_626508|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Luxembourg/LNS0100665/2020|2020-11-16|EPI_ISL_739710|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-14069/2020|2020-11-30|EPI_ISL_711548|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-9CA3A6/2020|2020-09-09|EPI_ISL_576053|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-01992/2020|2020-04-28|EPI_ISL_436893|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Germany/BY-MVP-0289/2020|2020-05-25|EPI_ISL_466922|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/South Korea/KCDC2198/2020|2020-04-04|EPI_ISL_506992|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/ZH-EMC-844/2020|2020-10-08|EPI_ISL_632708|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORT-28C7C9/2020|2020-05-16|EPI_ISL_478603|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020308708/2020|2020-08-24|EPI_ISL_602186|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/NY-Wadsworth-215499-01/2020|2020-09-11|EPI_ISL_677100|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-160/2020|2020-06-18|EPI_ISL_482486|Original|hCoV-19^^Rajshahi|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/TX-HMH-MCoV-14339/2020|2020-10-06|EPI_ISL_787624|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-EMC-89/2020|2020-08-30|EPI_ISL_577905|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B7F6E1/2020|2020-11-14|EPI_ISL_668272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-209/2020|2020-04-12|EPI_ISL_602483|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Switzerland/BS-ETHZ-100199/2020|2020-03-17|EPI_ISL_574906|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/201090487/2020|2020-03-07|EPI_ISL_464572|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-SR0296/2020|2020-04-07|EPI_ISL_445151|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/FL-BPHL-1766/2020|2020-10-02|EPI_ISL_613872|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUEH-A4C9B8/2020|2020-10-05|EPI_ISL_628584|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F4D96/2020|2020-09-24|EPI_ISL_588394|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-A46F16/2020|2020-10-06|EPI_ISL_598480|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000278/2020|2020-03-20|EPI_ISL_631804|Original|hCoV-19^^New York|Human|Bellevue Hospital Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-6443/2020|2020-10-12|EPI_ISL_620343|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-297/2020|2020-03-21|EPI_ISL_571041|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-1853B02/2020|2020-04-17|EPI_ISL_492424|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0636/2020|2020-10-19|EPI_ISL_700556|Original|hCoV-19^^Western Cape|Human|Conville CDC wc CVC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/South Africa/KRISP-EC-K004565/2020|2020-11-12|EPI_ISL_660606|Original|hCoV-19^^Eastern Cape|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/MN-MDH-1092/2020|2020-06-03|EPI_ISL_470772|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MI-QDX-827/2020|2020-03-23|EPI_ISL_571544|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR1430/2020|2020-04-01|EPI_ISL_433582|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/L3300061831/2020|2020-06-07|EPI_ISL_520714|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-3426/2020|2020-08-31|EPI_ISL_616188|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/620/2020|2020-05-08|EPI_ISL_490070|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-B0E66F/2020|2020-11-02|EPI_ISL_642028|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9B4AE6/2020|2020-09-07|EPI_ISL_602068|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/SRC-2135/2020|2020-10-12|EPI_ISL_671416|Original|hCoV-19^^Somogy county|Human|National Laboratory of Virology|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/QEUEH-AABDCA/2020|2020-10-21|EPI_ISL_652833|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-08422/2020|2020-05-26|EPI_ISL_524200|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-976628/2020|2020-08-20|EPI_ISL_575907|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B169/2020|2020-09-15|EPI_ISL_560251|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Romania/USAFSAM-S573/2020|2020-11-28|EPI_ISL_738347|Original|hCoV-19^^Romania|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania

>Spike|hCoV-19/England/ALDP-CB40D2/2020|2020-12-19|EPI_ISL_761188|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9B84F3/2020|2020-09-10|EPI_ISL_568273|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F9BC4/2020|2020-09-25|EPI_ISL_595752|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Serbia/Sabac-000533004/2020|2020-04-29|EPI_ISL_678488|Original|hCoV-19^^Sabac|Human|Veterinary Specialized Institute \Sabac\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/Australia/VIC6268/2020|2020-07-26|EPI_ISL_518258|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9FC8CA/2020|2020-10-01|EPI_ISL_587840|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-0058/2020|2020-03-28|EPI_ISL_447000|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/QEUH-A8BC87/2020|2020-10-15|EPI_ISL_643094|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2251/2020|2020-08-10|EPI_ISL_617431|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1764/2020|2020-03-19|EPI_ISL_776138|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Japan/PG-8441/2020|2020-09-00|EPI_ISL_687540|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-1310AB/2020|2020-03-27|EPI_ISL_501585|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Zimbabwe/ZW-9951/2020|2020-06-01|EPI_ISL_644767|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/England/NORW-222E84/2020|2020-12-19|EPI_ISL_741540|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-C7A76A/2020|2020-12-15|EPI_ISL_762965|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2015/2020|2020-09-28|EPI_ISL_654696|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Scotland/EDB4028/2020|2020-04-15|EPI_ISL_487672|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9A126/2020|2020-04-17|EPI_ISL_439849|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2474/2020|2020-05-28|EPI_ISL_545331|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-99008510/2020|2020-09-10|EPI_ISL_654073|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Kenya/C4083/2020|2020-05-05|EPI_ISL_568721|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/CA-ALSR-2285/2020|2020-07-08|EPI_ISL_635410|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-342FE/2020|2020-04-14|EPI_ISL_446901|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD89C/2020|2020-10-02|EPI_ISL_588023|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Senegal/5766/2020|2020-04-17|EPI_ISL_481237|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/South Africa/KRISP-K002678/2020|2020-08-03|EPI_ISL_535542|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-957292/2020|2020-06-13|EPI_ISL_554121|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-005284/2020|2020-03-13|EPI_ISL_510170|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-B09093/2020|2020-10-29|EPI_ISL_673015|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-977566/2020|2020-07-24|EPI_ISL_550435|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC1404/2020|2020-11-22|EPI_ISL_704510|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7312611/2020|2020-11-07|EPI_ISL_744550|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/SC-DHEC-0179/2020|2020-05-05|EPI_ISL_529185|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/Scotland/CVR4648/2020|2020-09-26|EPI_ISL_612293|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-100211/2020|2020-03-18|EPI_ISL_574951|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-18984/2020|2020-12-07|EPI_ISL_748683|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8629/2020|2020-05-15|EPI_ISL_780661|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC_07986535/2020|2020-04-00|EPI_ISL_466826|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Netherlands/NB-RIVM-10057/2020|2020-03-27|EPI_ISL_547485|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Greece/208_33922/2020|2020-03-14|EPI_ISL_437878|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/USA/WA-S562/2020|2020-03-24|EPI_ISL_434322|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/VA-DCLS-2135/2020|2020-10-28|EPI_ISL_677157|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/QEUH-9F524B/2020|2020-09-25|EPI_ISL_588475|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1250/2020|2020-08-17|EPI_ISL_569096|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMB-75ABD/2020|2020-03-29|EPI_ISL_438311|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-782/2020|2020-03-30|EPI_ISL_444903|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/CA-CZB-11012/2020|2020-09-10|EPI_ISL_582954|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LIVE-9AB91/2020|2020-04-01|EPI_ISL_449386|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-9425EC/2020|2020-07-23|EPI_ISL_556874|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9FA835/2020|2020-09-26|EPI_ISL_588170|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10138/2020|2020-04-08|EPI_ISL_427383|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-756/2020|2020-07-05|EPI_ISL_495461|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/LIVE-AA554/2020|2020-05-25|EPI_ISL_517467|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-AC9476/2020|2020-10-21|EPI_ISL_630056|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-803/2020|2020-04-20|EPI_ISL_614738|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001442/2020|2020-11-23|EPI_ISL_683807|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-1683FD/2020|2020-04-02|EPI_ISL_494238|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012671868/2020|2020-08-10|EPI_ISL_745850|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-4099/2020|2020-07-00|EPI_ISL_692340|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-8139/2020|2020-06-30|EPI_ISL_784226|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR5613/2020|2020-11-01|EPI_ISL_651867|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCA2E/2020|2020-10-01|EPI_ISL_587944|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD260B/2020|2020-10-24|EPI_ISL_629761|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1973/2020|2020-05-18|EPI_ISL_542929|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-C7CA8D/2020|2020-12-16|EPI_ISL_762739|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A691EA/2020|2020-10-13|EPI_ISL_608948|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265DCF5/2020|2020-03-19|EPI_ISL_484094|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000058/2020|2020-03-17|EPI_ISL_631552|Original|hCoV-19^^New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Hong Kong/HKPU-0440/2020|2020-03-26|EPI_ISL_610171|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/India/TG-CDFD-N5453/2020|2020-06-01|EPI_ISL_528632|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/ALDP-94DF6B/2020|2020-06-16|EPI_ISL_555393|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4907B1/2020|2020-11-13|EPI_ISL_706512|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/PE-IAM620/2020|2020-04-22|EPI_ISL_572348|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/England/CAMC-B0748A/2020|2020-10-30|EPI_ISL_643775|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB61CD/2020|2020-11-06|EPI_ISL_650434|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-8957/2020|2020-09-00|EPI_ISL_686503|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-10CDEB7/2020|2020-12-08|EPI_ISL_727920|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/EDB6095/2020|2020-05-12|EPI_ISL_478217|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-420722/2020|2020-12-24|EPI_ISL_768209|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A18DF5/2020|2020-10-01|EPI_ISL_612463|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Gambia/1264/2020|2020-05-07|EPI_ISL_471169|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Spain/MD-IBV-005279/2020|2020-03-09|EPI_ISL_510165|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A6CCD7/2020|2020-10-14|EPI_ISL_608159|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2576/2020|2020-06-01|EPI_ISL_545399|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sichuan/SC-GA-062/2020|2020-01-26|EPI_ISL_451313|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/ALDP-A928F2/2020|2020-10-20|EPI_ISL_610960|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9DEDFC/2020|2020-09-21|EPI_ISL_601227|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0024/2020|2020-04-01|EPI_ISL_464035|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/NORT-289119/2020|2020-03-27|EPI_ISL_458688|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2411/2020|2020-08-13|EPI_ISL_667200|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-CZB-4083/2020|2020-08-11|EPI_ISL_548613|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/South Korea/KCDC2388/2020|2020-05-31|EPI_ISL_514791|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Scotland/EDB6746/2020|2020-04-16|EPI_ISL_491536|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95CB92/2020|2020-06-19|EPI_ISL_553570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-71D91D/2020|2020-07-01|EPI_ISL_557561|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-293/2020|2020-05-23|EPI_ISL_735337|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/MI-MDHHS-SC22102/2020|2020-05-01|EPI_ISL_594214|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUEH-9AF5DE/2020|2020-08-31|EPI_ISL_559851|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482E17/2020|2020-10-21|EPI_ISL_627745|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9CE9CE/2020|2020-09-17|EPI_ISL_601890|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19878/2020|2020-12-07|EPI_ISL_747847|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B408B6/2020|2020-11-08|EPI_ISL_657136|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AE1C/2020|2020-12-03|EPI_ISL_727692|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-67B51/2020|2020-11-03|EPI_ISL_650692|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-310525/2020|2020-10-08|EPI_ISL_603593|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-C14B84/2020|2020-12-06|EPI_ISL_709537|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15677/2020|2020-07-09|EPI_ISL_785361|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-12637A7/2020|2020-11-01|EPI_ISL_679476|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-386a/2020|2020-07-11|EPI_ISL_524747|Original|hCoV-19^^Gujarat|Human|Sir M P Shah Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/LIVE-A4499/2020|2020-06-30|EPI_ISL_500029|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00303/2020|2020-04-01|EPI_ISL_460379|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42200131/2020|2020-03-20|EPI_ISL_528271|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-936/2020|2020-03-30|EPI_ISL_614523|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AD62F4/2020|2020-10-24|EPI_ISL_629928|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/63/2020|2020-04-08|EPI_ISL_428842|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-C16496/2020|2020-12-03|EPI_ISL_709464|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20146018302/2020|2020-04-02|EPI_ISL_466037|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10034240230/2020|2020-05-18|EPI_ISL_578173|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22292/2020|2020-10-30|EPI_ISL_666958|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Japan/PG-3035/2020|2020-04-00|EPI_ISL_691158|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-19990/2020|2020-12-07|EPI_ISL_747914|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Jordan/AQ-ALSR-5253/2020|2020-10-05|EPI_ISL_730491|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/MI-MDHHS-SC20314/2020|2020-03-12|EPI_ISL_447111|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-SR0431/2020|2020-03-19|EPI_ISL_467961|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20128010104/2020|2020-03-19|EPI_ISL_423930|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48662A/2020|2020-11-01|EPI_ISL_639060|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/405/2020|2020-04-17|EPI_ISL_469154|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/CA-CZB-14124/2020|2020-05-27|EPI_ISL_738753|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/France/IDF-8844/2020|2020-07-19|EPI_ISL_560645|Original|hCoV-19^^\u00cele-de-France|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-13452/2020|2020-11-30|EPI_ISL_712808|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-F9116/2020|2020-11-26|EPI_ISL_702944|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Hong Kong/HKPU48-0202/2020|2020-02-11|EPI_ISL_419222|Original|hCoV-19^^Hong Kong|Human|Department of Pathology|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/England/LIVE-1DDD13/2020|2020-10-09|EPI_ISL_612035|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B2626D/2020|2020-11-04|EPI_ISL_646490|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-21FEA8/2020|2020-12-11|EPI_ISL_725075|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/mink/Canada/D/2020|2020-12-04|EPI_ISL_717717|Original|hCoV-19^^British Columbia|Mink|Animal Health Centre|National Centre for Foreign Animal Disease|Kruczkiewicz|Canada

>Spike|hCoV-19/England/205041398/2020|2020-12-07|EPI_ISL_766285|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9D4EA8/2020|2020-09-17|EPI_ISL_601671|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8150/2020|2020-06-29|EPI_ISL_784233|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-17364-01/2020|2020-03-16|EPI_ISL_525615|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/India/TG-CCMB-L1931/2020|2020-06-04|EPI_ISL_495171|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/QEUEH-9D0DFA/2020|2020-09-14|EPI_ISL_589833|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C7488B/2020|2020-12-15|EPI_ISL_768950|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48555B/2020|2020-10-24|EPI_ISL_628190|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18388/2020|2020-11-18|EPI_ISL_784736|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10411/2020|2020-07-08|EPI_ISL_789459|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-15FFE6/2020|2020-05-25|EPI_ISL_472880|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C062BD/2020|2020-12-05|EPI_ISL_710656|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0233/2020|2020-09-28|EPI_ISL_591035|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/QEUH-9D188F/2020|2020-09-16|EPI_ISL_573666|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-1B6581/2020|2020-09-30|EPI_ISL_584289|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Chile/RM-CMM-27991/2020|2020-03-15|EPI_ISL_459857|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Center for Genome Regulation (CRG)|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/USA/MI-MDHHS-SC20223/2020|2020-03-22|EPI_ISL_447193|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MA-MASPHL-00550/2020|2020-05-08|EPI_ISL_693036|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8718/2020|2020-07-01|EPI_ISL_780718|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-487D42/2020|2020-10-29|EPI_ISL_639302|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC10212/2020|2020-08-27|EPI_ISL_562824|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/OXON-ADB13/2020|2020-00-00|EPI_ISL_448615|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Portugal/PT1396/2020|2020-03-27|EPI_ISL_511355|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-A410CD/2020|2020-10-06|EPI_ISL_609369|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18491/2020|2020-12-07|EPI_ISL_749243|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-IGI-0810/2020|2020-07-17|EPI_ISL_677897|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Scotland/EDB4950/2020|2020-05-14|EPI_ISL_473803|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-0973/2020|2020-04-00|EPI_ISL_684583|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB1677/2020|2020-04-15|EPI_ISL_433114|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/204520109/2020|2020-11-02|EPI_ISL_637180|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16000/2020|2020-11-23|EPI_ISL_714525|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-CDC-2-3714081/2020|2020-12-03|EPI_ISL_751628|Original|hCoV-19^^Maryland|Human|MD DOH Laboratories Administration|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC10120/2020|2020-08-27|EPI_ISL_562796|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B1B1B/2020|2020-05-16|EPI_ISL_452998|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/NORT-28C310/2020|2020-05-13|EPI_ISL_492958|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2317/2020|2020-06-11|EPI_ISL_496949|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/BRIS-1302D3/2020|2020-04-11|EPI_ISL_492657|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14996/2020|2020-11-23|EPI_ISL_713464|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1CEEE/2020|2020-11-01|EPI_ISL_645542|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG491575/2020|2020-06-22|EPI_ISL_695176|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-9FA325/2020|2020-09-28|EPI_ISL_588207|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12527/2020|2020-09-29|EPI_ISL_789834|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-121153/2020|2020-12-17|EPI_ISL_779790|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Australia/VIC2855/2020|2020-07-02|EPI_ISL_521686|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20130033304/2020|2020-03-21|EPI_ISL_423600|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7D2F9/2020|2020-04-05|EPI_ISL_442263|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Finland/25LS11CH3/2020|2020-10-25|EPI_ISL_759905|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Iceland/592/2020|2020-03-27|EPI_ISL_424612|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f0nsson|Iceland

>Spike|hCoV-19/England/MILK-B3A257/2020|2020-11-01|EPI_ISL_658980|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1AE4A/2020|2020-11-01|EPI_ISL_646044|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19638/2020|2020-11-19|EPI_ISL_784002|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-A2EE8/2020|2020-05-20|EPI_ISL_500016|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-5470EA/2020|2020-05-14|EPI_ISL_533428|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21851/2020|2020-12-21|EPI_ISL_758405|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC1428/2020|2020-04-17|EPI_ISL_456435|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Jordan/SR-032/2020|2020-03-22|EPI_ISL_429992|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1920/2020|2020-08-25|EPI_ISL_700596|Original|hCoV-19^^Western Cape|Human|Victoria Hospital wv VHW|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Switzerland/BS-UHB-42176560/2020|2020-03-04|EPI_ISL_527927|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/NORW-ED9A4/2020|2020-00-00|EPI_ISL_490508|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-B8C775/2020|2020-11-13|EPI_ISL_675895|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-96208B/2020|2020-08-10|EPI_ISL_531624|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0870/2020|2020-07-07|EPI_ISL_514216|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-9534/2020|2020-11-09|EPI_ISL_668504|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A95EA2/2020|2020-10-19|EPI_ISL_624577|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B437E3/2020|2020-11-08|EPI_ISL_657109|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DC4EA/2020|2020-09-22|EPI_ISL_601145|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C51611/2020|2020-12-11|EPI_ISL_769732|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22443/2020|2020-12-14|EPI_ISL_757566|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA5777/2020|2020-10-22|EPI_ISL_624998|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-02381/2020|2020-05-04|EPI_ISL_436900|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/MN-MDH-1995/2020|2020-10-28|EPI_ISL_634869|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20349/2020|2020-03-29|EPI_ISL_450628|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-310437/2020|2020-10-08|EPI_ISL_603511|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB0157/2020|2020-04-08|EPI_ISL_428993|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/QEUH-A0273C/2020|2020-09-28|EPI_ISL_585583|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22056/2020|2020-08-03|EPI_ISL_570585|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A51B6F/2020|2020-10-07|EPI_ISL_597971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51BF6/2020|2020-10-07|EPI_ISL_598218|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BD45DE/2020|2020-11-27|EPI_ISL_702222|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9608B2/2020|2020-08-02|EPI_ISL_531996|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14972/2020|2020-10-15|EPI_ISL_786456|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20364/2020|2020-03-14|EPI_ISL_450575|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUH-9981B6/2020|2020-08-26|EPI_ISL_537181|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/251_32400/2020|2020-03-11|EPI_ISL_437901|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/ALDP-B46355/2020|2020-11-07|EPI_ISL_656108|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC253/2020|2020-04-05|EPI_ISL_428767|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/EDB4381/2020|2020-05-04|EPI_ISL_449304|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4285/2020|2020-10-05|EPI_ISL_648937|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-UPHL-2012944794/2020|2020-08-17|EPI_ISL_746068|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-3176B/2020|2020-04-13|EPI_ISL_446482|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ABC31F/2020|2020-10-22|EPI_ISL_631068|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BFEE/2020|2020-11-08|EPI_ISL_666378|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4588/2020|2020-07-11|EPI_ISL_667024|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-4269/2020|2020-09-07|EPI_ISL_615706|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B882E1/2020|2020-11-14|EPI_ISL_674365|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1320/2020|2020-04-10|EPI_ISL_579700|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/ALDP-9D7722/2020|2020-09-18|EPI_ISL_576583|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42351014/2020|2020-07-13|EPI_ISL_581886|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/MILK-9EE97D/2020|2020-09-23|EPI_ISL_580735|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D2253/2020|2020-09-19|EPI_ISL_601506|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5AE245/2020|2020-06-17|EPI_ISL_558626|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW795/2020|2020-07-24|EPI_ISL_526137|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUIH-B9FC07/2020|2020-11-18|EPI_ISL_720918|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5415/2020|2020-06-29|EPI_ISL_544759|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-C3A4F6/2020|2020-12-08|EPI_ISL_767213|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB1A6/2020|2020-11-10|EPI_ISL_664823|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORW-F6726/2020|2020-12-01|EPI_ISL_706375|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC45/2020|2020-03-11|EPI_ISL_419802|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-Q RTP-Donor10/2020|2020-04-01|EPI_ISL_490216|Original|hCoV-19^^California|Human|Quest Diagnostics|Q Squared Solutions - Q RTP facility|Weigman|USA

>Spike|hCoV-19/USA/CT-UW-3125/2020|2020-03-27|EPI_ISL_485940|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Iceland/385/2020|2020-03-19|EPI_ISL_424409|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/CA-ALSR-2670/2020|2020-07-12|EPI_ISL_635621|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/TG-CDFD-C1139/2020|2020-05-30|EPI_ISL_528550|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Brazil/SP-L8-CD107/2020|2020-03-23|EPI_ISL_476454|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/MA-MASPHL-00180/2020|2020-04-06|EPI_ISL_791640|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/LA-EVTL08/2020|2020-04-15|EPI_ISL_435041|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Russia/MOW-RII-MH2884S/2020|2020-09-23|EPI_ISL_733053|Original|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/PORT-2CF469/2020|2020-04-27|EPI_ISL_453683|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMB-A98391/2020|2020-12-22|EPI_ISL_764343|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-6614/2020|2020-07-00|EPI_ISL_687726|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-12703/2020|2020-11-16|EPI_ISL_682884|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/3824/2020|2020-09-23|EPI_ISL_590976|original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/AZ-TG280811/2020|2020-04-20|EPI_ISL_694162|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-15091/2020|2020-11-20|EPI_ISL_739498|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUA-5F4E4C/2020|2020-06-24|EPI_ISL_533265|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1822/2020|2020-08-19|EPI_ISL_602957|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Belgium/ULG-10644/2020|2020-10-26|EPI_ISL_636622|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMB-1BD951/2020|2020-12-07|EPI_ISL_740991|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22370/2020|2020-08-08|EPI_ISL_570670|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Portugal/PT0022/2020|2020-03-13|EPI_ISL_418007|Original|hCoV-19^^Portugal|Human|H Braga|Instituto Nacional de Sa\u00fade (INSA)|Borges|Portugal

>Spike|hCoV-19/France/ARA-SC718/2020|2020-12-01|EPI_ISL_745336|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-9ED04C/2020|2020-05-05|EPI_ISL_589340|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62748/2020|2020-11-08|EPI_ISL_656418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149054104/2020|2020-04-04|EPI_ISL_466213|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0417/2020|2020-10-26|EPI_ISL_760201|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/AZ-TG371275/2020|2020-05-16|EPI_ISL_694534|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/FL-QDX-278/2020|2020-03-19|EPI_ISL_571029|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-ABBE2E/2020|2020-10-22|EPI_ISL_631186|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD2C4/2020|2020-09-16|EPI_ISL_566379|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13006/2020|2020-12-07|EPI_ISL_712523|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-1144EE/2020|2020-10-07|EPI_ISL_577169|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD189D/2020|2020-10-24|EPI_ISL_629902|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0383/2020|2020-04-23|EPI_ISL_489792|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-10817/2020|2020-11-02|EPI_ISL_670227|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3B89F/2020|2020-12-11|EPI_ISL_731554|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A69CAD/2020|2020-10-09|EPI_ISL_608824|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2579/2020|2020-04-16|EPI_ISL_473517|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-437/2020|2020-08-05|EPI_ISL_700086|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUEH-9DCA42/2020|2020-09-21|EPI_ISL_580969|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Zimbabwe/ZW-6972/2020|2020-05-01|EPI_ISL_644758|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/England/CAMC-B373DF/2020|2020-11-05|EPI_ISL_645404|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08410/2020|2020-05-26|EPI_ISL_524188|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-AEFDE8/2020|2020-10-29|EPI_ISL_662830|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-65/2020|2020-04-18|EPI_ISL_530068|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Australia/VIC3186/2020|2020-07-02|EPI_ISL_520873|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-BFB42F/2020|2020-12-04|EPI_ISL_709018|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-30BD9/2020|2020-04-10|EPI_ISL_446334|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DD62F/2020|2020-09-21|EPI_ISL_599806|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG640916/2020|2020-04-10|EPI_ISL_695815|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/India/MH-NIV-212454/2020|2020-09-15|EPI_ISL_577643|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Denmark/DCGC-21292/2020|2020-12-21|EPI_ISL_759066|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR46/2020|2020-03-13|EPI_ISL_425774|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-99E02C/2020|2020-08-30|EPI_ISL_550698|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14082/2020|2020-08-14|EPI_ISL_787368|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B02926/2020|2020-10-24|EPI_ISL_642865|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B404B2/2020|2020-11-08|EPI_ISL_657333|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6065/2020|2020-10-05|EPI_ISL_620259|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4884/2020|2020-10-06|EPI_ISL_650497|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A0F89/2020|2020-12-13|EPI_ISL_743601|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4276/2020|2020-07-00|EPI_ISL_692506|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-10575/2020|2020-10-23|EPI_ISL_626319|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUEH-A5E3C4/2020|2020-10-12|EPI_ISL_597444|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2875/2020|2020-07-10|EPI_ISL_500794|Original|hCoV-19^^Norway|Human|Akershus University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-6FD70B/2020|2020-06-29|EPI_ISL_557484|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2664/2020|2020-04-17|EPI_ISL_478012|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22331/2020|2020-12-14|EPI_ISL_758682|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6480/2020|2020-08-00|EPI_ISL_689585|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/BC-BCCDC-8360/2020|2020-11-00|EPI_ISL_740751|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/England/20102000506/2020|2020-03-01|EPI_ISL_415147|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-2727/2020|2020-03-14|EPI_ISL_605033|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC9220/2020|2020-08-21|EPI_ISL_565450|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYUMC201/2020|2020-04-01|EPI_ISL_427496|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-4510/2020|2020-09-14|EPI_ISL_615371|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-72DC6/2020|2020-03-21|EPI_ISL_440108|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-BC6162/2020|2020-11-22|EPI_ISL_721484|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Tunisia/63686/2020|2020-12-01|EPI_ISL_733499|Original|hCoV-19^^Nabeul|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/England/201120060/2020|2020-03-09|EPI_ISL_464666|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7C148/2020|2020-04-13|EPI_ISL_433999|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3909/2020|2020-07-22|EPI_ISL_548545|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NORW-F2441/2020|2020-11-03|EPI_ISL_637602|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1643E2/2020|2020-05-07|EPI_ISL_474172|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-C2FE41/2020|2020-12-07|EPI_ISL_782793|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3706F/2020|2020-11-05|EPI_ISL_645498|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310453/2020|2020-10-07|EPI_ISL_603525|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-A2D3CE/2020|2020-10-05|EPI_ISL_586707|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7499/2020|2020-07-21|EPI_ISL_564451|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/204380383/2020|2020-10-22|EPI_ISL_649844|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-280159/2020|2020-09-08|EPI_ISL_560440|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/BRIS-127E62/2020|2020-04-17|EPI_ISL_469654|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FBAA/2020|2020-10-15|EPI_ISL_607031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F20EA/2020|2020-09-24|EPI_ISL_589081|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Palestine/31/2020|2020-03-31|EPI_ISL_596516|Original|hCoV-19^^Jerusalem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/Shanghai/SH01/2020|2020-02-02|EPI_ISL_414510|Vero|hCoV-19^^Shanghai|Human|Key Laboratory of Medical Molecular Virology (MOE/NHC/CAMS)|Key Laboratory of Medical Molecular Virology (MOE/NHC/CAMS)|Submitter|China

>Spike|hCoV-19/England/CAMC-B77EB4/2020|2020-11-12|EPI_ISL_668368|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0429665/2020|2020-04-29|EPI_ISL_734685|Original|hCoV-19^^Baal|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/South Africa/KRISP-045/2020|2020-03-27|EPI_ISL_436686|Original|hCoV-19^^KwaZulu-Natal|Human|KRISP|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-4A4802/2020|2020-12-17|EPI_ISL_764734|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A66D52/2020|2020-10-12|EPI_ISL_630605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F7BE/2020|2020-10-05|EPI_ISL_586019|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0003/2020|2020-03-00|EPI_ISL_591349|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9D8C31/2020|2020-09-18|EPI_ISL_576657|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2252/2020|2020-05-12|EPI_ISL_510590|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Wales/PHWC-2A6C2/2020|2020-04-05|EPI_ISL_445606|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAIMRC60/2020|2020-03-31|EPI_ISL_507025|unknown|hCoV-19^^Saudi Arabia|Human|unknown|Infectious Diseases Research|Submitter|Saudi Arabia

>Spike|hCoV-19/Portugal/PT0189/2020|2020-03-29|EPI_ISL_453905|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Belgium/reg-0802749/2020|2020-08-02|EPI_ISL_734871|Original|hCoV-19^^Antwerpen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Panama/330553/2020|2020-03-19|EPI_ISL_496667|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/South Korea/KCDC2334/2020|2020-05-26|EPI_ISL_510670|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH117/2020|2020-03-24|EPI_ISL_678082|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/CAMC-B0B4D1/2020|2020-10-29|EPI_ISL_643423|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8409/2020|2020-07-07|EPI_ISL_783589|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/201360184/2020|2020-03-24|EPI_ISL_421770|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20168001304/2020|2020-04-15|EPI_ISL_466591|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-A84A4/2020|2020-03-26|EPI_ISL_517169|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3967/2020|2020-09-14|EPI_ISL_615880|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA36C7/2020|2020-10-22|EPI_ISL_625101|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/247/2020|2020-04-07|EPI_ISL_462365|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Scotland/CVR1905/2020|2020-04-08|EPI_ISL_477833|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-CBE4DC/2020|2020-12-19|EPI_ISL_760663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00731/2020|2020-09-21|EPI_ISL_692941|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Denmark/DCGC-18735/2020|2020-12-07|EPI_ISL_749262|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3963/2020|2020-07-15|EPI_ISL_519356|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-12F08AC/2020|2020-11-19|EPI_ISL_679586|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-A5118B/2020|2020-10-07|EPI_ISL_597950|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00571/2020|2020-11-05|EPI_ISL_717955|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/LIVE-9EE76/2020|2020-04-10|EPI_ISL_453404|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-124560/2020|2020-04-08|EPI_ISL_492798|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1160/2020|2020-08-06|EPI_ISL_522916|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-771/2020|2020-10-04|EPI_ISL_632607|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/VC-IBV-98003609/2020|2020-03-16|EPI_ISL_538626|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/NA_239/2020|2020-03-27|EPI_ISL_422773|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-7B1EF/2020|2020-04-12|EPI_ISL_433931|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Australia/NSW347/2020|2020-03-27|EPI_ISL_451608|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-7886/2020|2020-07-01|EPI_ISL_545682|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1372/2020|2020-04-14|EPI_ISL_456414|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-6E9ADC/2020|2020-06-29|EPI_ISL_557622|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-CB9ED3/2020|2020-12-18|EPI_ISL_777832|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3445/2020|2020-07-06|EPI_ISL_521111|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4983E2/2020|2020-12-01|EPI_ISL_727069|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH185/2020|2020-04-06|EPI_ISL_678231|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Netherlands/FL-RIVM-20860/2020|2020-12-21|EPI_ISL_790829|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-11068/2020|2020-11-02|EPI_ISL_669599|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2009618/2020|2020-07-19|EPI_ISL_605295|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-496751/2020|2020-11-20|EPI_ISL_726630|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2F5752/2020|2020-00-00|EPI_ISL_613299|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-A6BA47/2020|2020-10-09|EPI_ISL_608810|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D8AE/2020|2020-09-25|EPI_ISL_577458|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB1078/2020|2020-04-07|EPI_ISL_433386|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUIH-AE4DB6/2020|2020-10-27|EPI_ISL_633303|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_26584470/2020|2020-03-00|EPI_ISL_463237|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/BRIS-185381A/2020|2020-04-14|EPI_ISL_492220|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8749/2020|2020-09-00|EPI_ISL_686345|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-356E2/2020|2020-04-24|EPI_ISL_474462|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001398/2020|2020-07-18|EPI_ISL_515881|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Canada/BC-BCCDC-7236/2020|2020-11-00|EPI_ISL_740628|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/ALDP-C89276/2020|2020-12-16|EPI_ISL_762951|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24D87/2020|2020-03-20|EPI_ISL_419508|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008853/2020|2020-05-23|EPI_ISL_524869|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-82956/2020|2020-04-14|EPI_ISL_443577|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Belgium/reg-0423300/2020|2020-04-23|EPI_ISL_462154|Original|hCoV-19^^La Calamine|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Italy/VEN-IZSVE-20RS2165-7/2020|2020-11-25|EPI_ISL_747489|Original|hCoV-19^^Veneto|Human|ULSS 5 Polesana|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/MILK-AD012A/2020|2020-10-22|EPI_ISL_634498|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1270/2020|2020-04-07|EPI_ISL_579658|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/201041471/2020|2020-03-02|EPI_ISL_464349|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUIH-78A2E3/2020|2020-07-15|EPI_ISL_533133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-2-3714000/2020|2020-09-02|EPI_ISL_751765|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/CA-ALSR-5035/2020|2020-11-15|EPI_ISL_730306|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10897/2020|2020-07-09|EPI_ISL_789676|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7BA80/2020|2020-10-15|EPI_ISL_607346|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-829D4E/2020|2020-07-18|EPI_ISL_557318|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8476/2020|2020-06-08|EPI_ISL_618034|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3C941/2020|2020-11-02|EPI_ISL_706170|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9AA236/2020|2020-09-01|EPI_ISL_550853|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-115CB8/2020|2020-10-17|EPI_ISL_595289|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-UW-47280/2020|2020-12-07|EPI_ISL_776703|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/AZ-TG519183/2020|2020-07-01|EPI_ISL_695366|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-1AF6C4/2020|2020-05-01|EPI_ISL_459310|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-348A1/2020|2020-04-20|EPI_ISL_446988|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1691/2020|2020-03-00|EPI_ISL_685297|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/New Zealand/20VR3491/2020|2020-04-23|EPI_ISL_579505|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Denmark/DCGC-4176/2020|2020-09-21|EPI_ISL_621996|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB118/2020|2020-03-23|EPI_ISL_425902|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-B14165/2020|2020-11-03|EPI_ISL_641743|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-062/2020|2020-03-31|EPI_ISL_428387|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Iceland/530/2020|2020-03-25|EPI_ISL_424551|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Luxembourg/LNS6200431/2020|2020-11-01|EPI_ISL_744381|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-47DA48/2020|2020-10-09|EPI_ISL_586228|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-98F352/2020|2020-08-29|EPI_ISL_568448|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/MA-ALSR-2581/2020|2020-06-01|EPI_ISL_635779|Original|hCoV-19^^Mafrag|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/ALDP-94D3AB/2020|2020-06-15|EPI_ISL_556319|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9DCA9D/2020|2020-09-21|EPI_ISL_581089|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-637D9/2020|2020-08-19|EPI_ISL_529251|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/DRC/7864/2020|2020-05-15|EPI_ISL_496505|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/CA-CZB-3787/2020|2020-06-04|EPI_ISL_548481|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/BIRM-657C8/2020|2020-10-04|EPI_ISL_594583|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUH-BCD66C/2020|2020-11-26|EPI_ISL_704477|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29C2F2/2020|2020-06-24|EPI_ISL_499786|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-9B811A/2020|2020-09-04|EPI_ISL_590592|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16818/2020|2020-08-12|EPI_ISL_663586|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Indonesia/YO-UGM-202449/2020|2020-06-22|EPI_ISL_516800|Original|hCoV-19^^Special Region of Yogyakarta|Human|Rumah Sakit Akademik Universitas Gadjah Mada|Genetics Working Group (Pokja Genetik) Faculty of Medicine|Gunadi|Indonesia

>Spike|hCoV-19/England/QEUH-895DF2/2020|2020-07-26|EPI_ISL_532684|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg_36/2020|2020-04-03|EPI_ISL_464147|Original|hCoV-19^^Western Cape|Human|National Health Laboratory Service (NHLs)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/England/20129142004/2020|2020-03-12|EPI_ISL_424107|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2869/2020|2020-09-03|EPI_ISL_667372|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/LA-EVTL399/2020|2020-06-01|EPI_ISL_578805|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-165730/2020|2020-06-16|EPI_ISL_490718|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-546/2020|2020-03-26|EPI_ISL_447488|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico

Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/Shanghai/SH0052/2020|2020-02-01|EPI_ISL_416360|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China
>Spike|hCoV-19/Wales/PHWC-16EBOE/2020|2020-10-02|EPI_ISL_585821|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-001477/2020|2020-11-27|EPI_ISL_683833|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/USA/WI-UW-890/2020|2020-07-12|EPI_ISL_509892|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Northern Ireland/NIRE-234317/2020|2020-10-15|EPI_ISL_680369|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/Australia/VIC7612/2020|2020-07-23|EPI_ISL_564528|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-15440/2020|2020-11-23|EPI_ISL_713828|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/QEUAH-AF5BB8/2020|2020-10-30|EPI_ISL_676467|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUAH-9E4801/2020|2020-09-23|EPI_ISL_601008|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/mink/Netherlands/NB-EMC-62-4/2020|2020-10-05|EPI_ISL_632436|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/NORT-1B6329E/2020|2020-12-05|EPI_ISL_741427|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Netherlands/NA_12/2020|2020-03-10|EPI_ISL_415468|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/CAMB-83490/2020|2020-04-15|EPI_ISL_443424|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/NORT-295D9E/2020|2020-05-17|EPI_ISL_488676|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW-27499/2020|2020-09-03|EPI_ISL_570795|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Japan/PG-1773/2020|2020-04-00|EPI_ISL_685379|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/New Zealand/20VR0275/2020|2020-03-15|EPI_ISL_416538|Original|hCoV-19^^Wellington|Human|Wellington Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand
>Spike|hCoV-19/Wales/PHWC-275F5/2020|2020-04-01|EPI_ISL_432256|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-0340/2020|2020-05-19|EPI_ISL_467940|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC7381/2020|2020-07-29|EPI_ISL_564370|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-4862AE/2020|2020-05-15|EPI_ISL_559691|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2164/2020|2020-12-04|EPI_ISL_708502|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13447/2020|2020-08-22|EPI_ISL_788582|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-22548/2020|2020-12-14|EPI_ISL_757630|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4163/2020|2020-09-21|EPI_ISL_621983|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2E251/2020|2020-04-07|EPI_ISL_446077|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3384/2020|2020-08-31|EPI_ISL_616143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BC6487/2020|2020-11-20|EPI_ISL_721406|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A45A34/2020|2020-10-06|EPI_ISL_598716|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-100187/2020|2020-03-16|EPI_ISL_574970|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-8930/2020|2020-10-26|EPI_ISL_626128|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-2513/2020|2020-08-17|EPI_ISL_667234|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-28C4A/2020|2020-04-02|EPI_ISL_445422|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-353/2020|2020-10-27|EPI_ISL_722556|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CO-CDPHE-2009163959/2020|2020-09-16|EPI_ISL_710234|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Gibraltar/205000663/2020|2020-12-00|EPI_ISL_709951|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUEH-B121FE/2020|2020-11-02|EPI_ISL_642303|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B62BA3/2020|2020-11-29|EPI_ISL_706285|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/HI-H200548/2020|2020-11-07|EPI_ISL_753079|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-952947/2020|2020-06-12|EPI_ISL_553916|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-8664/2020|2020-03-19|EPI_ISL_418641|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-9ED097/2020|2020-05-05|EPI_ISL_589506|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-289759-01/2020|2020-12-21|EPI_ISL_767506|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B1DFDB/2020|2020-11-01|EPI_ISL_723557|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/ON-S793/2020|2020-04-00|EPI_ISL_591230|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/TX-DSHS-0867/2020|2020-06-16|EPI_ISL_610003|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/BIRM-5F54F/2020|2020-00-00|EPI_ISL_461514|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Malaysia/MGI-M64/2020|2020-04-02|EPI_ISL_528740|Original|hCoV-19^^Selangor|Human|Malaysia Genome Institute|Malaysia Genome Institute|Mat Isa|Malaysia

>Spike|hCoV-19/England/QEUA-9DCA51/2020|2020-09-21|EPI_ISL_580977|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C569/2020|2020-04-12|EPI_ISL_568700|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/MILK-975577/2020|2020-08-21|EPI_ISL_552545|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498230/2020|2020-12-01|EPI_ISL_727043|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/IN-CDC-2-3714078/2020|2020-12-04|EPI_ISL_751770|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-7612/2020|2020-10-19|EPI_ISL_618524|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-AA4918/2020|2020-10-21|EPI_ISL_624399|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42199724/2020|2020-03-20|EPI_ISL_528245|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUA-C3193C/2020|2020-12-11|EPI_ISL_782642|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-305/2020|2020-03-20|EPI_ISL_450770|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Ireland/OY-NVRL-72IRL00274/2020|2020-08-05|EPI_ISL_525399|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/NY-NYCPHL-000745/2020|2020-03-19|EPI_ISL_632126|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/WA-S2768/2020|2020-05-19|EPI_ISL_530125|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-3633/2020|2020-04-00|EPI_ISL_691886|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-WSLH-200222/2020|2020-04-11|EPI_ISL_578442|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUEH-A4C578/2020|2020-10-07|EPI_ISL_595978|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-5121/2020|2020-08-00|EPI_ISL_690230|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B2D48E/2020|2020-11-04|EPI_ISL_659864|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490A8B/2020|2020-11-15|EPI_ISL_706533|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Israel/n14285/2020|2020-03-30|EPI_ISL_483711|Original|hCoV-19^^Kfar Saba|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Australia/VIC2251/2020|2020-06-23|EPI_ISL_521982|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/ME-HETL-J0145/2020|2020-09-11|EPI_ISL_755337|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/NY-Wadsworth-287397-01/2020|2020-12-15|EPI_ISL_767455|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B82B55/2020|2020-11-14|EPI_ISL_675522|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/CAM-TIGEM-574/2020|2020-04-10|EPI_ISL_778727|Original|hCoV-19^^Campania|Human|Istituto Zooprofilattico Sperimentale del Mezzogiorno|TIGEM|Grimaldi|Italy

>Spike|hCoV-19/Belgium/UGent-288/2020|2020-11-19|EPI_ISL_718018|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/SHEF-C2626/2020|2020-03-30|EPI_ISL_432746|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC7088/2020|2020-08-01|EPI_ISL_561590|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-20324/2020|2020-11-16|EPI_ISL_748114|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2755/2020|2020-04-00|EPI_ISL_690887|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-1DD9C4/2020|2020-09-29|EPI_ISL_612001|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR4183/2020|2020-08-30|EPI_ISL_540859|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002562/2020|2020-07-30|EPI_ISL_535430|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Northern Ireland/QEUH-96AE10/2020|2020-08-17|EPI_ISL_531421|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-116/2020|2020-10-22|EPI_ISL_671961|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/England/ALDP-9E622F/2020|2020-09-24|EPI_ISL_580476|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LCST-24D718D/2020|2020-06-11|EPI_ISL_478370|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B0C661/2020|2020-10-29|EPI_ISL_649627|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-291E53/2020|2020-05-05|EPI_ISL_489087|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA4758/2020|2020-12-16|EPI_ISL_762445|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2798/2020|2020-04-20|EPI_ISL_453078|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC5211/2020|2020-07-16|EPI_ISL_519976|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-8685/2020|2020-09-00|EPI_ISL_686281|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-AB1D94/2020|2020-10-23|EPI_ISL_623633|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7682/2020|2020-08-00|EPI_ISL_686784|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-BA1D0F/2020|2020-11-18|EPI_ISL_672831|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-786/2020|2020-10-02|EPI_ISL_632371|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-4904E7/2020|2020-11-06|EPI_ISL_706484|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-S1789/2020|2020-11-15|EPI_ISL_755785|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Wales/PHWC-256E5/2020|2020-03-24|EPI_ISL_422205|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0490/2020|2020-06-12|EPI_ISL_525824|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/QEUA-AE2A66/2020|2020-10-27|EPI_ISL_633528|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrein/BAH-05/2020|2020-03-15|EPI_ISL_483546|Original|hCoV-19^^Bahrain|Human|Kingdom of Bahrein Ministry of Health|Erasmus Medical Center|Oude Munnink|Bahrain

>Spike|hCoV-19/USA/TX-DSHS-0139/2020|2020-06-11|EPI_ISL_522965|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-ALSR-1460/2020|2020-03-20|EPI_ISL_494616|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LOND-D664D/2020|2020-04-23|EPI_ISL_487557|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0001/2020|2020-03-14|EPI_ISL_437359|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Slovenia/6456/2020|2020-03-12|EPI_ISL_635230|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/Singapore/1304/2020|2020-05-15|EPI_ISL_648791|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-AA0C8C/2020|2020-10-22|EPI_ISL_624977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A85230/2020|2020-10-17|EPI_ISL_610602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3302/2020|2020-05-01|EPI_ISL_493858|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21076/2020|2020-03-29|EPI_ISL_507852|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/VA-DCLS-0553/2020|2020-03-12|EPI_ISL_485854|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Jordan/AQ-ALSR-5274/2020|2020-10-07|EPI_ISL_730512|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/NY-NYCPHL-000189/2020|2020-04-13|EPI_ISL_631724|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Ireland/LK-NVRL-72IRL07430/2020|2020-08-09|EPI_ISL_528444|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/BRIS-12531A/2020|2020-03-27|EPI_ISL_443969|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-AC7900/2020|2020-10-21|EPI_ISL_634469|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUA-AD577E/2020|2020-10-26|EPI_ISL_647940|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6289/2020|2020-07-21|EPI_ISL_518277|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-AE2B45/2020|2020-10-27|EPI_ISL_633675|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2183/2020|2020-03-28|EPI_ISL_776412|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/CVR4791/2020|2020-09-20|EPI_ISL_626826|Original|hCoV-19^^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORW-222E66/2020|2020-12-19|EPI_ISL_741538|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-A5DF49/2020|2020-10-12|EPI_ISL_597394|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-767/2020|2020-03-20|EPI_ISL_444895|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/CAMB-78E54/2020|2020-04-02|EPI_ISL_441232|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2213321/2020|2020-10-18|EPI_ISL_740081|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-19696/2020|2020-11-23|EPI_ISL_784050|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Chile/NB-196349/2020|2020-10-02|EPI_ISL_746479|Original|hCoV-19^^\u00d1uble|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Switzerland/BS-UHB-42184544/2020|2020-03-10|EPI_ISL_527975|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Spain/GA-USC-006/2020|2020-05-10|EPI_ISL_468336|Original|hCoV-19^^Galicia|Human|Microbiology Service|Genomes & Disease|Garcia-Souto|Spain

>Spike|hCoV-19/England/CAMC-9D2217/2020|2020-09-19|EPI_ISL_601541|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW156/2020|2020-03-13|EPI_ISL_416694|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/India/GJ-GBRC361b/2020|2020-06-05|EPI_ISL_514612|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-B56BF0/2020|2020-11-05|EPI_ISL_657008|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/US-57376w/2020|2020-10-01|EPI_ISL_677777|Original|hCoV-19^^B\u00e9cs-Kiskun county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/TX-HMH-MCoV-12331/2020|2020-09-25|EPI_ISL_790303|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC4690/2020|2020-07-17|EPI_ISL_519078|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A497C/2020|2020-03-10|EPI_ISL_499878|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-AD5AFD/2020|2020-10-26|EPI_ISL_634587|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2A2C/2020|2020-12-13|EPI_ISL_743968|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2484/2020|2020-06-16|EPI_ISL_776541|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Switzerland/BE-ETHZ-400030/2020|2020-12-04|EPI_ISL_729096|Original|hCoV-19^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-DSHS-0668/2020|2020-07-19|EPI_ISL_576321|Original|hCoV-19^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-95F18E/2020|2020-08-07|EPI_ISL_532370|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OH-ODH-SC35270/2020|2020-04-24|EPI_ISL_780417|Original|hCoV-19^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/Scotland/QEUA-A4B55B/2020|2020-10-08|EPI_ISL_637838|Original|hCoV-19^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/20100010304/2020|2020-03-01|EPI_ISL_464256|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR579/2020|2020-03-24|EPI_ISL_439088|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-232/2020|2020-06-08|EPI_ISL_537538|Original|hCoV-19^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/AZ-TG664273/2020|2020-04-28|EPI_ISL_696074|Original|hCoV-19^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-A4143A/2020|2020-10-06|EPI_ISL_609386|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC23/2020|2020-04-26|EPI_ISL_437452|Original|hCoV-19^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-CZB-13833/2020|2020-08-17|EPI_ISL_738783|Original|hCoV-19^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000105/2020|2020-03-26|EPI_ISL_631597|Original|hCoV-19^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LIVE-1D272F/2020|2020-08-20|EPI_ISL_534735|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/CVR2079/2020|2020-04-10|EPI_ISL_484554|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-281379-01/2020|2020-10-15|EPI_ISL_734450|Original|hCoV-19^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUA-B7D003/2020|2020-11-14|EPI_ISL_741839|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00219066/2020|2020-03-14|EPI_ISL_535789|Original|hCoV-19^Quebec|Human|CHUM - Microbiologie - H\u00f4pital Saint-Luc|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Scotland/EDB5466/2020|2020-04-25|EPI_ISL_461743|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-01232/2020|2020-05-04|EPI_ISL_791908|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-498E0F/2020|2020-11-29|EPI_ISL_727214|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1688/2020|2020-04-20|EPI_ISL_494745|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WI-UW-1925/2020|2020-10-30|EPI_ISL_677334|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Portugal/PT0114/2020|2020-03-25|EPI_ISL_453830|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMB-75CE4/2020|2020-03-29|EPI_ISL_438292|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Ireland/TA-UHL2/2020|2020-04-01|EPI_ISL_681767|Original|hCoV-19^^Tipperary|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/ALDP-A4FDC8/2020|2020-10-07|EPI_ISL_597684|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15359/2020|2020-10-22|EPI_ISL_786843|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20189148201/2020|2020-05-01|EPI_ISL_465549|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96305D/2020|2020-08-11|EPI_ISL_531583|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C3043C/2020|2020-12-07|EPI_ISL_782852|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9B5089/2020|2020-09-07|EPI_ISL_602052|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F682A/2020|2020-09-27|EPI_ISL_600854|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-982304/2020|2020-08-06|EPI_ISL_529450|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0159/2020|2020-08-23|EPI_ISL_548033|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/204781084/2020|2020-11-19|EPI_ISL_678752|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B1D0D8/2020|2020-11-01|EPI_ISL_664690|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9AE144/2020|2020-09-01|EPI_ISL_637591|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Finland/21KS4F3/2020|2020-06-21|EPI_ISL_757379|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-4BE1DD/2020|2020-06-04|EPI_ISL_559223|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18564/2020|2020-11-19|EPI_ISL_784912|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-PV09349/2020|2020-03-24|EPI_ISL_450037|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/MI-UM-10036535783/2020|2020-10-20|EPI_ISL_640143|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/ALAB-SSI522/2020|2020-03-26|EPI_ISL_429587|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Portugal/PT1649/2020|2020-11-07|EPI_ISL_731954|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Canada/ON-OICR-SLB2817/2020|2020-04-02|EPI_ISL_538345|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/20152068004/2020|2020-04-06|EPI_ISL_466241|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1686784/2020|2020-11-20|EPI_ISL_739976|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-13047/2020|2020-05-15|EPI_ISL_672324|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/CVR2950/2020|2020-04-22|EPI_ISL_461605|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20194104301/2020|2020-05-04|EPI_ISL_465614|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-5289/2020|2020-08-00|EPI_ISL_690392|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC21573/2020|2020-03-23|EPI_ISL_516300|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUH-9CFC97/2020|2020-09-15|EPI_ISL_589918|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG383072/2020|2020-06-17|EPI_ISL_694686|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-5292/2020|2020-06-22|EPI_ISL_544658|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-130DD2/2020|2020-03-23|EPI_ISL_501555|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F756E/2020|2020-09-27|EPI_ISL_595686|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00229410/2020|2020-03-20|EPI_ISL_535893|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Botswana/BOT2283/2020|2020-04-07|EPI_ISL_560385|Original|hCoV-19^^Gaborone|Human|National Health Laboratory|Botswana Institute for Technology Research and Innovation|Tumedi|Botswana

>Spike|hCoV-19/England/QEUA-B13B59/2020|2020-10-31|EPI_ISL_641649|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5103/2020|2020-03-30|EPI_ISL_456973|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2179/2020|2020-06-04|EPI_ISL_635376|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-784/2020|2020-03-16|EPI_ISL_614755|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/HR-IMT-BZ124/2020|2020-08-25|EPI_ISL_561339|Original|hCoV-19^^Haryana|Human|Civil Hospital|CSIR-Institute of Microbial Technology|Patil|India

>Spike|hCoV-19/Denmark/DCGC-1930/2020|2020-05-04|EPI_ISL_622523|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-452/2020|2020-08-12|EPI_ISL_523790|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-3624/2020|2020-04-00|EPI_ISL_691877|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B5A831/2020|2020-11-06|EPI_ISL_658223|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-308C3/2020|2020-04-08|EPI_ISL_446288|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12EAB2/2020|2020-04-23|EPI_ISL_488397|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-971/2020|2020-03-14|EPI_ISL_571770|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Colombia/un-CIAT-01/2020|2020-04-02|EPI_ISL_445085|unknown|hCoV-19^^Colombia|Human|Virology Unit|Virology Unit|Submitter|Colombia

>Spike|hCoV-19/USA/TX-DSHS-1742/2020|2020-06-13|EPI_ISL_710396|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Poland/PL_MCB_1/2020|2020-04-23|EPI_ISL_645000|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland

>Spike|hCoV-19/Canada/BC-BCCDC-7560/2020|2020-11-00|EPI_ISL_740722|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Austria/CeMM0178/2020|2020-03-08|EPI_ISL_438021|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/MILK-ACD919/2020|2020-10-22|EPI_ISL_630086|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163BBE/2020|2020-04-26|EPI_ISL_474052|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Friesland_43/2020|2020-05-04|EPI_ISL_460858|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LEED-2A8E2C/2020|2020-03-30|EPI_ISL_539217|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F7540/2020|2020-09-27|EPI_ISL_600907|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA321/2020|2020-03-09|EPI_ISL_596864|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/QEUH-BC3E22/2020|2020-11-25|EPI_ISL_704196|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8594/2020|2020-08-00|EPI_ISL_686190|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-880149/2020|2020-07-26|EPI_ISL_532660|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/OS-CV288/2020|2020-06-30|EPI_ISL_729969|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/CAMC-B0860B/2020|2020-10-29|EPI_ISL_643718|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0331/2020|2020-06-13|EPI_ISL_534298|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20128018804/2020|2020-03-18|EPI_ISL_423948|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Latvia/027/2020|2020-05-09|EPI_ISL_486410|Original|hCoV-19^^Riga|Human|Centrāla laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/QEUH-79202A/2020|2020-07-15|EPI_ISL_533039|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-7000BE/2020|2020-06-29|EPI_ISL_557717|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12505F/2020|2020-03-27|EPI_ISL_444006|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-16171/2020|2020-11-25|EPI_ISL_738714|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-16813F/2020|2020-06-08|EPI_ISL_540897|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-224529-01/2020|2020-09-22|EPI_ISL_767426|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/SHEF-CE727/2020|2020-10-11|EPI_ISL_613393|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8548/2020|2020-11-00|EPI_ISL_740812|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/ALDP-B851C9/2020|2020-11-15|EPI_ISL_674308|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2254/2020|2020-06-09|EPI_ISL_497682|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Sweden/20-50180/2020|2020-03-08|EPI_ISL_429153|Original|hCoV-19^^Varmland|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Netherlands/NB-EMC-474/2020|2020-11-12|EPI_ISL_763132|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MASPHL-00248/2020|2020-04-17|EPI_ISL_791690|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/WA-S1411/2020|2020-05-19|EPI_ISL_495861|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/MD-IBV-99008715/2020|2020-10-11|EPI_ISL_654292|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CSMC24/2020|2020-03-25|EPI_ISL_475634|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12402/2020|2020-09-28|EPI_ISL_790329|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-601ED/2020|2020-00-00|EPI_ISL_499852|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Australia/VIC13442/2020|2020-09-06|EPI_ISL_592240|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-2612/2020|2020-03-00|EPI_ISL_690746|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-CB211D/2020|2020-12-08|EPI_ISL_760988|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1306/2020|2020-03-17|EPI_ISL_422976|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-D2553/2020|2020-09-13|EPI_ISL_559945|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/204420852/2020|2020-10-23|EPI_ISL_653964|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1456/2020|2020-04-11|EPI_ISL_468417|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/MILK-A9132F/2020|2020-10-16|EPI_ISL_638523|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/QEUA-AF093B/2020|2020-10-28|EPI_ISL_711048|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4505/2020|2020-06-19|EPI_ISL_543675|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-QDX-374/2020|2020-03-23|EPI_ISL_571117|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/GCVR-17037A/2020|2020-03-21|EPI_ISL_459720|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1063/2020|2020-07-29|EPI_ISL_516489|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/DE-DHSS-F981528/2020|2020-08-28|EPI_ISL_708422|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Wales/PHWC-325BB/2020|2020-04-15|EPI_ISL_474330|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E658/2020|2020-10-02|EPI_ISL_585748|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1306/2020|2020-04-00|EPI_ISL_684914|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-6280/2020|2020-08-00|EPI_ISL_689391|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB9006/2020|2020-11-01|EPI_ISL_652032|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-A67A3C/2020|2020-10-12|EPI_ISL_630452|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB8D15/2020|2020-10-22|EPI_ISL_623713|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496117/2020|2020-11-26|EPI_ISL_726534|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10D55A8/2020|2020-12-17|EPI_ISL_763639|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/SAP200/2020|2020-03-22|EPI_ISL_483069|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/WY-WPHL-20094982/2020|2020-12-12|EPI_ISL_754216|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/TX-HMH0129/2020|2020-03-21|EPI_ISL_434829|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DC4153/2020|2020-11-13|EPI_ISL_703403|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-08375/2020|2020-05-19|EPI_ISL_524158|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Brazil/RJ-INCA-I37/2020|2020-05-04|EPI_ISL_513577|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil

>Spike|hCoV-19/England/ALDP-CC07ED/2020|2020-12-19|EPI_ISL_760769|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Moldova/ICGEB_MD4/2020|2020-06-18|EPI_ISL_516935|Original|hCoV-19^^Balti|Human|Nicolae Testemitanu State University of Medicine and Pharmacy|International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform for Genome Sequencing|Ulinici|Moldova

>Spike|hCoV-19/USA/WA-S657/2020|2020-04-21|EPI_ISL_438210|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/QLD1099/2020|2020-09-17|EPI_ISL_593617|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/NORW-EBF1D/2020|2020-05-25|EPI_ISL_472323|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUH-C9615B/2020|2020-12-17|EPI_ISL_777484|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0441/2020|2020-06-30|EPI_ISL_498057|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-15CE37/2020|2020-04-20|EPI_ISL_472626|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-0429621/2020|2020-04-29|EPI_ISL_734674|Original|hCoV-19^^Estaimpuis|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/United Arab Emirates/L3300054450/2020|2020-06-05|EPI_ISL_520711|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/England/CAMC-948CC3/2020|2020-07-25|EPI_ISL_556022|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18048/2020|2020-11-13|EPI_ISL_786196|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-222CA8/2020|2020-12-19|EPI_ISL_741512|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC2297/2020|2020-06-17|EPI_ISL_522018|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Finland/13LS14AH1/2020|2020-10-13|EPI_ISL_737221|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMB-1B9120/2020|2020-00-00|EPI_ISL_705543|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4127/2020|2020-03-31|EPI_ISL_570045|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-AAAC91/2020|2020-10-21|EPI_ISL_652739|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012795207/2020|2020-11-27|EPI_ISL_747011|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/MILK-A46C6A/2020|2020-10-06|EPI_ISL_598326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0042548/2020|2020-06-24|EPI_ISL_739700|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/NM-NMDOH-2020321223/2020|2020-09-03|EPI_ISL_569634|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/CA-CZB-10963/2020|2020-09-19|EPI_ISL_583045|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/NGY-NNH-013/2020|2020-07-22|EPI_ISL_568568|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/England/ALDP-B5AF2D/2020|2020-11-09|EPI_ISL_655463|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00562/2020|2020-03-22|EPI_ISL_460125|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-B74E8A/2020|2020-11-12|EPI_ISL_678999|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000924/2020|2020-03-27|EPI_ISL_452647|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Germany/SH-ChVir2123/2020|2020-03-16|EPI_ISL_729511|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Brazil/RJ-0265/2020|2020-04-14|EPI_ISL_470631|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Wales/MILK-A46848/2020|2020-10-06|EPI_ISL_609304|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1379/2020|2020-03-26|EPI_ISL_511338|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-4950B1/2020|2020-11-25|EPI_ISL_726297|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000480/2020|2020-05-06|EPI_ISL_631947|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-B142CC/2020|2020-11-03|EPI_ISL_641663|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76621/2020|2020-03-29|EPI_ISL_438356|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012266098/2020|2020-07-25|EPI_ISL_745718|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-162C8F/2020|2020-05-27|EPI_ISL_473184|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C8B195/2020|2020-12-16|EPI_ISL_756459|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17350/2020|2020-12-14|EPI_ISL_750519|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-32754/2020|2020-10-19|EPI_ISL_737087|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Nigeria/LA-CV259/2020|2020-04-25|EPI_ISL_729943|Original|hCoV-19^^Lagos State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/South Africa/KRISP-K004017/2020|2020-10-14|EPI_ISL_635001|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-B2C012/2020|2020-11-04|EPI_ISL_680047|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/AK-PHL426/2020|2020-06-05|EPI_ISL_512135|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/England/LOND-1260B17/2020|2020-04-04|EPI_ISL_524646|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD4C52/2020|2020-10-24|EPI_ISL_634658|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BE8FF7/2020|2020-12-03|EPI_ISL_708865|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B7352C/2020|2020-11-12|EPI_ISL_662614|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20786/2020|2020-12-21|EPI_ISL_759362|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-15DAF6/2020|2020-05-13|EPI_ISL_472760|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163D7C/2020|2020-05-12|EPI_ISL_474078|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9F5A8F/2020|2020-09-27|EPI_ISL_600622|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1155/2020|2020-07-03|EPI_ISL_634957|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-B96A9D/2020|2020-11-13|EPI_ISL_676111|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310418/2020|2020-10-08|EPI_ISL_603492|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-9643F9/2020|2020-08-11|EPI_ISL_536954|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00445/2020|2020-04-01|EPI_ISL_460198|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Australia/VIC8227/2020|2020-08-11|EPI_ISL_564909|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200152/2020|2020-07-18|EPI_ISL_752715|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-2619/2020|2020-04-00|EPI_ISL_690753|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/205260865/2020|2020-12-18|EPI_ISL_766860|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-BA1C4E/2020|2020-11-18|EPI_ISL_719928|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZE-RIVM-21046/2020|2020-12-30|EPI_ISL_791060|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/LA-QDX-1997/2020|2020-03-16|EPI_ISL_604336|Original|hCoV-19^^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WI-WSLH-200201/2020|2020-03-17|EPI_ISL_578424|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/CA-CSMC142/2020|2020-04-06|EPI_ISL_475621|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18864/2020|2020-11-25|EPI_ISL_785180|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-99008709/2020|2020-10-08|EPI_ISL_654287|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-18035/2020|2020-11-16|EPI_ISL_786183|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204821908/2020|2020-11-24|EPI_ISL_678778|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/WSFT-25C0D55/2020|2020-05-02|EPI_ISL_492866|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001043/2020|2020-07-02|EPI_ISL_509305|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/NY-Wadsworth-16080-01/2020|2020-03-14|EPI_ISL_426296|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Norway/3776/2020|2020-09-08|EPI_ISL_635152|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/MILK-BB14BC/2020|2020-11-18|EPI_ISL_720284|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4724/2020|2020-07-00|EPI_ISL_689860|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUIH-9DB005/2020|2020-09-22|EPI_ISL_601128|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21670/2020|2020-07-14|EPI_ISL_516397|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16255/2020|2020-10-30|EPI_ISL_785939|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hong Kong/VM20127342/2020|2020-09-30|EPI_ISL_730590|Original|hCoV-19^^Hong Kong|Human|Prince of Wales Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/ALDP-68C2A6/2020|2020-07-02|EPI_ISL_558208|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A2404/2020|2020-05-20|EPI_ISL_490380|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-CD087/2020|2020-09-18|EPI_ISL_585056|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9933159/2020|2020-07-29|EPI_ISL_745013|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUIH-C3375E/2020|2020-12-11|EPI_ISL_734084|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3029/2020|2020-00-00|EPI_ISL_579393|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-4A53D3/2020|2020-12-15|EPI_ISL_764862|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6408/2020|2020-07-23|EPI_ISL_521200|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB1040/2020|2020-04-06|EPI_ISL_433377|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Belgium/MA-0406273/2020|2020-04-06|EPI_ISL_464067|Original|hCoV-19^^Ukkel|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Switzerland/AG-ETHZ-400026/2020|2020-12-04|EPI_ISL_728811|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Morocco/6891/2020|2020-03-20|EPI_ISL_459969|Original|hCoV-19^^Morocco|Human|Institut Pasteur du Maroc|Institut Pasteur du Maroc|Enouf|Morocco

>Spike|hCoV-19/USA/TX-HMH-4854/2020|2020-06-21|EPI_ISL_544377|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/741/2020|2020-07-06|EPI_ISL_524448|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/India/KA-IB26/2020|2020-06-17|EPI_ISL_508304|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/MILK-AC7C25/2020|2020-10-22|EPI_ISL_634456|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC269/2020|2020-04-30|EPI_ISL_447947|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-73BBC/2020|2020-04-03|EPI_ISL_433672|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Belgium/regal-10081227/2020|2020-10-08|EPI_ISL_735085|Original|hCoV-19^^Etterbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-17981/2020|2020-12-14|EPI_ISL_749678|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0366/2020|2020-04-30|EPI_ISL_463126|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Greece/250_32267/2020|2020-03-10|EPI_ISL_447648|unknown|hCoV-19^^Athens|Human|unknown|Department of Medicine|Submitter|Greece

>Spike|hCoV-19/Denmark/DCGC-22588/2020|2020-12-14|EPI_ISL_757656|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-AD4EA7/2020|2020-10-26|EPI_ISL_649712|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DFD9/2020|2020-10-05|EPI_ISL_586851|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B8DB/2020|2020-12-10|EPI_ISL_731591|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4310/2020|2020-04-23|EPI_ISL_449292|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9FFE10/2020|2020-10-02|EPI_ISL_600129|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2D6F/2020|2020-12-14|EPI_ISL_744012|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B33C50/2020|2020-11-05|EPI_ISL_659229|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7749/2020|2020-07-24|EPI_ISL_564627|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-A0B7AC/2020|2020-10-03|EPI_ISL_599306|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9CE73D/2020|2020-09-17|EPI_ISL_590078|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-121D3E/2020|2020-03-20|EPI_ISL_440023|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00660/2020|2020-07-02|EPI_ISL_560333|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Colombia/VAC-GVI-93535/2020|2020-04-03|EPI_ISL_447787|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9dez|Colombia

>Spike|hCoV-19/England/CAMB-84BC7/2020|2020-03-11|EPI_ISL_440526|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/20128015604/2020|2020-03-19|EPI_ISL_423943|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-9E4A92/2020|2020-09-22|EPI_ISL_579759|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-954A60/2020|2020-06-13|EPI_ISL_553802|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00040/2020|2020-04-02|EPI_ISL_791544|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUH-9CA528/2020|2020-09-10|EPI_ISL_567272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491237/2020|2020-11-14|EPI_ISL_706629|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0092/2020|2020-05-25|EPI_ISL_522828|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/USA/CA-CZB-13679/2020|2020-11-04|EPI_ISL_739224|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-993A1A/2020|2020-08-26|EPI_ISL_552209|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-307F3/2020|2020-04-08|EPI_ISL_446283|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-823D0/2020|2020-04-13|EPI_ISL_591079|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5764/2020|2020-07-21|EPI_ISL_518562|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-315DA/2020|2020-04-12|EPI_ISL_446466|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AE5465/2020|2020-10-27|EPI_ISL_633160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HBCDC-HB-01/2019|2019-12-30|EPI_ISL_402132|Original|hCoV-19^^Hubei|Human|Wuhan Jinyintan Hospital|Hubei Provincial Center for Disease Control and Prevention|Fang|China

>Spike|hCoV-19/England/ALDP-B46425/2020|2020-11-07|EPI_ISL_656017|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1413/2020|2020-11-11|EPI_ISL_654811|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMB-7DDAD/2020|2020-04-07|EPI_ISL_442172|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-C7FEF7/2020|2020-12-16|EPI_ISL_756897|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11672/2020|2020-10-26|EPI_ISL_670695|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15627/2020|2020-11-23|EPI_ISL_713929|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/mink/Netherlands/NB-EMC-34-2/2020|2020-08-18|EPI_ISL_577768|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-482D74/2020|2020-10-20|EPI_ISL_627736|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B02E18/2020|2020-10-24|EPI_ISL_643018|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-74A9EA/2020|2020-06-30|EPI_ISL_557512|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1331/2020|2020-03-15|EPI_ISL_572120|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Latvia/214/2020|2020-09-13|EPI_ISL_770049|Original|hCoV-19^^Latvia|Human|Centr\u0101\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Scotland/EDB4690/2020|2020-05-08|EPI_ISL_478184|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18268/2020|2020-11-12|EPI_ISL_784616|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC_17670489/2020|2020-04-00|EPI_ISL_468690|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Japan/PG-2867/2020|2020-04-00|EPI_ISL_690993|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-3946/2020|2020-07-00|EPI_ISL_692195|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-2056/2020|2020-07-13|EPI_ISL_653209|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B487EE/2020|2020-11-07|EPI_ISL_649236|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-71B63/2020|2020-03-30|EPI_ISL_439892|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-ACD15D/2020|2020-10-21|EPI_ISL_630283|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AC507/2020|2020-04-07|EPI_ISL_448457|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NOTT-114008/2020|2020-10-02|EPI_ISL_577130|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/CAMC-B524EA/2020|2020-11-08|EPI_ISL_676383|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6579/2020|2020-09-00|EPI_ISL_687691|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/mink/Netherlands/NB-EMC-2-8/2020|2020-04-27|EPI_ISL_523090|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-10098/2020|2020-07-06|EPI_ISL_789321|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9D98E1/2020|2020-09-18|EPI_ISL_576769|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006142/2020|2020-04-01|EPI_ISL_537290|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Germany/HH-hpi-p1729/2020|2020-03-15|EPI_ISL_776109|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Luxembourg/LNS6274573/2020|2020-04-06|EPI_ISL_428962|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-C5B87B/2020|2020-12-14|EPI_ISL_736149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D0E1E/2020|2020-09-24|EPI_ISL_585077|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48180B/2020|2020-10-02|EPI_ISL_613114|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5643/2020|2020-09-28|EPI_ISL_619930|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14628/2020|2020-11-23|EPI_ISL_711878|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C22F3C/2020|2020-12-06|EPI_ISL_733701|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ghana/84218_S47/2020|2020-05-25|EPI_ISL_515106|Original|hCoV-19^^Ghana|Human|Department of Biochemistry|WACCBIP|Amuzu|Ghana

>Spike|hCoV-19/England/LOND-1264454/2020|2020-11-18|EPI_ISL_703865|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Norway/3069/2020|2020-08-10|EPI_ISL_549084|Original|hCoV-19^^Oslo|Human|Akershus University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-A5223C/2020|2020-10-07|EPI_ISL_597980|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201061047/2020|2020-03-03|EPI_ISL_464405|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00689/2020|2020-04-06|EPI_ISL_460414|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/QEUEH-B7CF16/2020|2020-11-14|EPI_ISL_741832|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8409/2020|2020-10-00|EPI_ISL_740781|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Scotland/QEUEH-B1055E/2020|2020-11-02|EPI_ISL_649595|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163125/2020|2020-05-27|EPI_ISL_473250|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4760/2020|2020-11-10|EPI_ISL_702922|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/TAS58/2020|2020-04-04|EPI_ISL_522732|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-FA5DD/2020|2020-12-06|EPI_ISL_725516|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-8537/2020|2020-07-00|EPI_ISL_686133|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-2014/2020|2020-09-10|EPI_ISL_677421|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC6031/2020|2020-07-24|EPI_ISL_518072|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3510/2020|2020-06-00|EPI_ISL_691766|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B59B57/2020|2020-11-04|EPI_ISL_679911|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/India/WB-S97/2020|2020-06-11|EPI_ISL_508486|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Australia/VIC14294/2020|2020-08-01|EPI_ISL_592439|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1ABBD8/2020|2020-04-20|EPI_ISL_470300|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE4CF5/2020|2020-10-27|EPI_ISL_633175|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012022396/2020|2020-08-09|EPI_ISL_745791|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Italy/ABR-IZSGC-TE18513/2020|2020-04-17|EPI_ISL_529018|Original|hCoV-19^^Abruzzo|Human|Ospedale \Giuseppe Mazzini\ -Teramo|Istititoto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/England/BRIS-122052/2020|2020-03-21|EPI_ISL_440036|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/NA_585/2020|2020-00-00|EPI_ISL_460749|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-QDX-2646/2020|2020-03-16|EPI_ISL_604908|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/PORT-2D1DB4/2020|2020-04-02|EPI_ISL_499279|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-9E36F9/2020|2020-09-24|EPI_ISL_584867|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD81B/2020|2020-00-00|EPI_ISL_448014|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-B3858D/2020|2020-11-01|EPI_ISL_658785|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5234/2020|2020-07-18|EPI_ISL_519999|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-0772/2020|2020-03-00|EPI_ISL_684382|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5192/2020|2020-09-21|EPI_ISL_621730|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC12105/2020|2020-07-23|EPI_ISL_640353|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A028FD/2020|2020-09-29|EPI_ISL_584934|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-238/2020|2020-00-00|EPI_ISL_523580|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-IGI-0388/2020|2020-07-20|EPI_ISL_754880|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Wales/PHWC-2E9F2/2020|2020-04-07|EPI_ISL_446098|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2066/2020|2020-11-04|EPI_ISL_683695|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/AZ-TG670250/2020|2020-03-26|EPI_ISL_696429|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/WI-UW-1121/2020|2020-07-23|EPI_ISL_516546|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/New Zealand/20VR1863/2020|2020-03-30|EPI_ISL_456289|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/CA-CZB-2536/2020|2020-05-20|EPI_ISL_513904|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/HI-H200109/2020|2020-05-28|EPI_ISL_752672|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-B5CFE/2020|2020-11-09|EPI_ISL_678843|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-523/2020|2020-03-12|EPI_ISL_570064|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC2139/2020|2020-06-20|EPI_ISL_480740|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7777/2020|2020-10-19|EPI_ISL_618696|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000568/2020|2020-03-30|EPI_ISL_632027|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-257C4/2020|2020-03-24|EPI_ISL_422153|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B96DEF/2020|2020-11-14|EPI_ISL_674870|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1761/2020|2020-04-11|EPI_ISL_590766|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUA-B12370/2020|2020-11-02|EPI_ISL_642654|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48DF19/2020|2020-11-09|EPI_ISL_680778|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B51269/2020|2020-11-08|EPI_ISL_657807|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20109039004/2020|2020-03-06|EPI_ISL_464556|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Romania/ROSV_1837/2020|2020-04-11|EPI_ISL_491055|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/England/QEUA-B7C031/2020|2020-11-14|EPI_ISL_668305|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17225D/2020|2020-03-30|EPI_ISL_469936|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9485/2020|2020-07-21|EPI_ISL_526375|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-9FFBA0/2020|2020-10-02|EPI_ISL_600418|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/TI-ETHZ-100077/2020|2020-03-12|EPI_ISL_451670|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-8507/2020|2020-09-00|EPI_ISL_687606|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B2094/2020|2020-04-13|EPI_ISL_479112|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5215/2020|2020-06-18|EPI_ISL_544599|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-8E57E6/2020|2020-06-25|EPI_ISL_556584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_525/2020|2020-03-18|EPI_ISL_460698|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/BC_20432317/2020|2020-03-00|EPI_ISL_462774|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/MI-UM-10036075143/2020|2020-09-22|EPI_ISL_583418|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/France/OCC-SC571/2020|2020-05-26|EPI_ISL_663248|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/OH-ODH-SC35519/2020|2020-04-26|EPI_ISL_776874|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/England/QEUA-C34043/2020|2020-12-11|EPI_ISL_734032|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-79301A/2020|2020-07-15|EPI_ISL_533216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C18D/2020|2020-11-07|EPI_ISL_666400|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AK-PHL647/2020|2020-06-26|EPI_ISL_586250|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/Scotland/QEUA-9CEAAD/2020|2020-09-17|EPI_ISL_601874|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410058/2020|2020-12-17|EPI_ISL_737787|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-7316F/2020|2020-03-21|EPI_ISL_440207|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Latvia/104/2020|2020-08-05|EPI_ISL_515191|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/United Arab Emirates/0205/2020|2020-05-17|EPI_ISL_698391|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC227/2020|2020-03-20|EPI_ISL_419922|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory

(VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-21754/2020|2020-12-21|EPI_ISL_757952|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/AZ-TG648730/2020|2020-04-13|EPI_ISL_695914|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA
>Spike|hCoV-19/India/KA-nimh-11122/2020|2020-05-04|EPI_ISL_486387|Original|hCoV-19^^Karnataka|Human|DH|Department of Neurovirology|Pattabiraman|India
>Spike|hCoV-19/Ireland/D-NVRL-20G35651/2020|2020-03-19|EPI_ISL_605132|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland
>Spike|hCoV-19/Australia/VIC14897/2020|2020-08-31|EPI_ISL_593051|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-B46BE4/2020|2020-11-06|EPI_ISL_656233|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-22641/2020|2020-12-14|EPI_ISL_757500|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/204621528/2020|2020-11-10|EPI_ISL_700610|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/England/MILK-A7D07D/2020|2020-10-13|EPI_ISL_606687|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-B2CD48/2020|2020-11-03|EPI_ISL_660045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/TG-CCMB-GC9/2020|2020-05-23|EPI_ISL_528822|Original|hCoV-19^^Telangana|Human|Department of Medicine|CSIR-Centre for Cellular and Molecular Biology|Banu|India
>Spike|hCoV-19/Australia/NSW247/2020|2020-03-28|EPI_ISL_451512|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/England/C200045610/2020|2020-11-10|EPI_ISL_664054|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-000559/2020|2020-03-27|EPI_ISL_632018|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/New Zealand/20CV0126/2020|2020-08-19|EPI_ISL_548012|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/England/HECH-259A0D3/2020|2020-05-19|EPI_ISL_488852|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-11380/2020|2020-11-02|EPI_ISL_670751|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/South Korea/KCDC2148/2020|2020-03-22|EPI_ISL_498049|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/USA/TX-HMH076/2020|2020-03-19|EPI_ISL_434785|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/NSW688/2020|2020-07-18|EPI_ISL_513331|Original|hCoV-19^^New South Wales|Human|Australian Clinical Labs|NSW Health Pathology - Institute of

Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Japan/PG-4627/2020|2020-07-00|EPI_ISL_689764|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/QEUA-B7FD73/2020|2020-11-13|EPI_ISL_668387|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/reg-09231025/2020|2020-09-23|EPI_ISL_735033|Original|hCoV-19^^Werchter|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/USA/MN-MDH-1737/2020|2020-09-16|EPI_ISL_576246|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/England/NORW-F8C52/2020|2020-11-28|EPI_ISL_725371|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/TX-DSHS-1504/2020|2020-06-22|EPI_ISL_683419|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Germany/HH-hpi-p1616/2020|2020-03-17|EPI_ISL_776070|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spike|hCoV-19/Wales/PHWC-163D21/2020|2020-05-09|EPI_ISL_474073|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18330/2020|2020-12-07|EPI_ISL_749892|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-71AC0/2020|2020-03-31|EPI_ISL_439659|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/MILK-BAAE6D/2020|2020-11-18|EPI_ISL_783076|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC11961/2020|2020-07-28|EPI_ISL_591904|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Denmark/DCGC-10257/2020|2020-11-09|EPI_ISL_669862|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMB-1B7BCA/2020|2020-10-24|EPI_ISL_638365|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/ALDP-91D68D/2020|2020-06-23|EPI_ISL_552894|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9564AC/2020|2020-06-08|EPI_ISL_554083|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-959E32/2020|2020-06-12|EPI_ISL_554969|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-80F591/2020|2020-07-16|EPI_ISL_557233|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13760/2020|2020-08-17|EPI_ISL_788853|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/WA-S2692/2020|2020-06-22|EPI_ISL_497324|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22140/2020|2020-10-06|EPI_ISL_614191|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/NY-Wadsworth-288788-01/2020|2020-12-18|EPI_ISL_767485|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUH-B2DB98/2020|2020-11-03|EPI_ISL_646826|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1100/2020|2020-12-03|EPI_ISL_722788|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-18919/2020|2020-12-07|EPI_ISL_748179|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/MILK-993C8D/2020|2020-08-25|EPI_ISL_568386|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9FB46D/2020|2020-09-29|EPI_ISL_600574|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B96A42/2020|2020-11-13|EPI_ISL_676247|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10198/2020|2020-05-12|EPI_ISL_672256|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/LA-EVTL984/2020|2020-08-18|EPI_ISL_653675|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-95A790/2020|2020-06-14|EPI_ISL_555082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8B4BC/2020|2020-10-16|EPI_ISL_643161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1229/2020|2020-04-08|EPI_ISL_586303|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-B5C723/2020|2020-11-08|EPI_ISL_655887|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-QDX-261/2020|2020-05-01|EPI_ISL_498742|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-47EAA1/2020|2020-10-11|EPI_ISL_595547|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED64A/2020|2020-05-18|EPI_ISL_589485|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-134067/2020|2020-07-27|EPI_ISL_746643|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/QEUH-AF0054/2020|2020-10-27|EPI_ISL_662856|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-570/2020|2020-03-28|EPI_ISL_436973|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-21094/2020|2020-12-21|EPI_ISL_758796|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-DOH-2020327022/2020|2020-09-03|EPI_ISL_575303|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/Germany/HH-hpi-p2300/2020|2020-03-12|EPI_ISL_776433|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-4929E6/2020|2020-11-22|EPI_ISL_725732|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8427/2020|2020-07-01|EPI_ISL_784391|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2569A/2020|2020-03-24|EPI_ISL_422299|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1774/2020|2020-06-20|EPI_ISL_710414|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/ID-UW-2195/2020|2020-03-20|EPI_ISL_529161|Original|hCoV-19^^Idaho|Human|University of Washington|University of Washington|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-16244B/2020|2020-06-02|EPI_ISL_473074|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3866/2020|2020-07-00|EPI_ISL_692117|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-C63AD4/2020|2020-12-13|EPI_ISL_735523|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D26E/2020|2020-10-07|EPI_ISL_586118|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F7EE/2020|2020-10-05|EPI_ISL_587244|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C1AF3/2020|2020-05-10|EPI_ISL_488847|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7023/2020|2020-08-00|EPI_ISL_688128|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/NS-NML-928/2020|2020-03-24|EPI_ISL_579568|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Russia/AMU-RII-MH10159S/2020|2020-11-23|EPI_ISL_733463|Original|hCoV-19^^Amur|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Russia/StPetersburg-RII17574S/2020|2020-05-26|EPI_ISL_507279|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/MILK-ACF276/2020|2020-10-22|EPI_ISL_629536|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/JK-EIJK19/2020|2020-04-09|EPI_ISL_574607|Original|hCoV-19^^Jakarta|Human|RS Husada|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/USA/FL-BPHL-0340/2020|2020-04-19|EPI_ISL_489749|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-10455/2020|2020-06-06|EPI_ISL_570313|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Spain/AR-IBV-005032/2020|2020-04-20|EPI_ISL_500338|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48205D/2020|2020-10-21|EPI_ISL_613196|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AB7851/2020|2020-10-20|EPI_ISL_709929|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UN-1621/2020|2020-03-12|EPI_ISL_421671|Original|hCoV-19^^India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/Scotland/CVR115/2020|2020-03-13|EPI_ISL_425660|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491B3C/2020|2020-11-10|EPI_ISL_706745|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B83680/2020|2020-11-15|EPI_ISL_675251|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484000/2020|2020-10-19|EPI_ISL_627955|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0655598/2020|2020-11-19|EPI_ISL_739811|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Germany/ST-MD037/2020|2020-04-16|EPI_ISL_728356|Original|hCoV-19^^Saxony-Anhalt|Human|Institute of medical Microbiology and hospital Hygiene|Institute of medical Microbiology and hospital Hygiene|Tersteegen|Germany

>Spike|hCoV-19/Northern Ireland/NIRE-FB8D3/2020|2020-03-31|EPI_ISL_585246|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2399/2020|2020-05-25|EPI_ISL_545286|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0055/2020|2020-03-28|EPI_ISL_515337|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/LOND-DA737/2020|2020-11-03|EPI_ISL_724660|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15515/2020|2020-10-23|EPI_ISL_786999|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9C3C39/2020|2020-09-07|EPI_ISL_566749|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-MPP-35/2020|2020-06-17|EPI_ISL_487425|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00f6ttingen|Germany

>Spike|hCoV-19/Wales/PHWC-498F75/2020|2020-12-01|EPI_ISL_727235|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EBE10/2020|2020-05-06|EPI_ISL_457514|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-759/2020|2020-03-09|EPI_ISL_614761|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/DL-65025-CSIR-IGIB/2020|2020-08-11|EPI_ISL_636818|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/LIVE-A06D3/2020|2020-05-28|EPI_ISL_472126|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NORT-1B71A95/2020|2020-11-16|EPI_ISL_706313|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-A46E73/2020|2020-10-06|EPI_ISL_598338|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21144/2020|2020-03-31|EPI_ISL_507920|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-15476/2020|2020-11-23|EPI_ISL_713845|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CDPH137/2020|2020-08-11|EPI_ISL_755012|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/India/MH-ACTREC-207/2020|2020-06-26|EPI_ISL_699861|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/EDB5373/2020|2020-03-30|EPI_ISL_457011|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC1025/2020|2020-04-02|EPI_ISL_430532|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-B3A907/2020|2020-11-01|EPI_ISL_679689|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8098/2020|2020-10-26|EPI_ISL_617069|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204191511/2020|2020-10-09|EPI_ISL_603189|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5254/2020|2020-09-14|EPI_ISL_615185|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-5A484D/2020|2020-06-13|EPI_ISL_558640|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC61CC/2020|2020-11-22|EPI_ISL_721375|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4314/2020|2020-06-18|EPI_ISL_543523|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1273/2020|2020-08-22|EPI_ISL_536645|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/HI-H200245/2020|2020-08-17|EPI_ISL_752804|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Spain/MD-IBV-99008695/2020|2020-10-09|EPI_ISL_654179|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1AFA5F/2020|2020-05-02|EPI_ISL_459293|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2051/2020|2020-04-18|EPI_ISL_433167|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Finland/5A40S4A10/2020|2020-04-05|EPI_ISL_481685|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/NY-NYUMC353/2020|2020-04-08|EPI_ISL_430380|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-AC1247/2020|2020-10-10|EPI_ISL_631059|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13462/2020|2020-11-30|EPI_ISL_712813|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-C2F755/2020|2020-12-07|EPI_ISL_782962|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10735/2020|2020-09-18|EPI_ISL_641577|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-1652/2020|2020-09-10|EPI_ISL_605526|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Africa/KRISP-K003399/2020|2020-09-11|EPI_ISL_602787|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Spain/AR-IBV-2444/2020|2020-03-24|EPI_ISL_468819|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-97E480/2020|2020-07-24|EPI_ISL_529385|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21270/2020|2020-04-02|EPI_ISL_507525|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-A79C8C/2020|2020-10-14|EPI_ISL_606796|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3ADA/2020|2020-10-22|EPI_ISL_624400|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3927/2020|2020-09-14|EPI_ISL_615838|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-CCA358/2020|2020-12-23|EPI_ISL_782368|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A877E4/2020|2020-10-17|EPI_ISL_606293|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD848/2020|2020-05-01|EPI_ISL_477784|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Germany/BB-ChVir-W1144-7244/2020|2020-04-08|EPI_ISL_753852|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9

Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin
Berlin|Muehleemann|Germany
>Spike|hCoV-19/Japan/PG-3558/2020|2020-06-00|EPI_ISL_691814|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/CA-ALSR-1894/2020|2020-04-22|EPI_ISL_512221|Original|hCoV-
19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at
Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/NY-NYCPHL-001445/2020|2020-11-12|EPI_ISL_683809|Original|hCoV-
19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/MILK-C2F99B/2020|2020-12-07|EPI_ISL_733687|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/ULG-10273/2020|2020-07-09|EPI_ISL_515080|Original|hCoV-
19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical
Genomics|Durkin|Belgium
>Spike|hCoV-19/Norway/2994/2020|2020-07-22|EPI_ISL_549102|Original|hCoV-
19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public
Health|Kopperud Riis|Norway
>Spike|hCoV-19/USA/CA-CZB-3660/2020|2020-07-07|EPI_ISL_516735|Original|hCoV-
19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg
Biohub|Kamm|USA
>Spike|hCoV-19/England/CAMC-946DB3/2020|2020-07-14|EPI_ISL_556775|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR3982/2020|2020-08-30|EPI_ISL_540779|Original|hCoV-
19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK
(COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/NORT-2945A6/2020|2020-08-03|EPI_ISL_573347|Original|hCoV-
19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust
/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
(COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14004/2020|2020-11-30|EPI_ISL_711511|Original|hCoV-
19^^Midtjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-483793/2020|2020-10-06|EPI_ISL_627308|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Australia/VIC1355/2020|2020-04-09|EPI_ISL_430638|Original|hCoV-
19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory
(VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian
Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Brazil/SP-L25-CD647/2020|2020-04-11|EPI_ISL_672711|Original|hCoV-
19^^S\u00e3o Paulo|Human|Institute of Tropical Medicine at the University of S\u00e3o
Paulo (IMT-USP)|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina
Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil
>Spike|hCoV-19/Oman/205027556/2020|2020-04-08|EPI_ISL_458125|Original|hCoV-
19^^Muscat|Human|Oman National Influenza Centre|Department
of\u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman
>Spike|hCoV-19/USA/LA-EVTL946/2020|2020-08-13|EPI_ISL_653637|Original|hCoV-
19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome
Sequencing Center|Kamil|USA
>Spike|hCoV-19/England/ALDP-AA32E1/2020|2020-10-22|EPI_ISL_623913|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Morocco/FMP-14/2020|2020-11-00|EPI_ISL_728301|Original|hCoV-
19^^Rabat|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahghiri|Morocco
>Spike|hCoV-19/USA/CA-QDX-1538/2020|2020-03-18|EPI_ISL_603786|Original|hCoV-
19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC2075/2020|2020-04-01|EPI_ISL_521910|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B36103/2020|2020-11-05|EPI_ISL_645488|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C34289/2020|2020-12-11|EPI_ISL_734070|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A0B5B1/2020|2020-10-03|EPI_ISL_599160|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C0E1/2020|2020-12-10|EPI_ISL_731638|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC05E/2020|2020-11-23|EPI_ISL_724484|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0423/2020|2020-04-13|EPI_ISL_626402|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Scotland/CVR2538/2020|2020-04-15|EPI_ISL_477965|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26C2E/2020|2020-03-28|EPI_ISL_422273|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-CB4209/2020|2020-12-20|EPI_ISL_767091|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00315/2020|2020-04-18|EPI_ISL_791722|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUH-A3228D/2020|2020-10-07|EPI_ISL_628338|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-CF0C1/2020|2020-05-14|EPI_ISL_493721|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-C49913/2020|2020-12-13|EPI_ISL_718833|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2108/2020|2020-03-08|EPI_ISL_653261|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-4752/2020|2020-03-28|EPI_ISL_486098|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/South Korea/KCDC2482/2020|2020-06-11|EPI_ISL_514885|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Spain/RI-IBV-99010930/2020|2020-09-07|EPI_ISL_732768|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/GSTT-265E24D/2020|2020-03-30|EPI_ISL_484174|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-429/2020|2020-11-12|EPI_ISL_722624|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-168E65/2020|2020-07-03|EPI_ISL_499357|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NA_494/2020|2020-03-18|EPI_ISL_460667|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-9DCF8F/2020|2020-09-21|EPI_ISL_599738|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EFEB/2020|2020-10-15|EPI_ISL_607679|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-65CD8/2020|2020-10-09|EPI_ISL_612220|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-062/2020|2020-04-22|EPI_ISL_480238|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/CAMC-A64598/2020|2020-10-10|EPI_ISL_609143|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C2326F/2020|2020-12-06|EPI_ISL_733769|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9625B9/2020|2020-08-10|EPI_ISL_531600|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B36965/2020|2020-11-05|EPI_ISL_645435|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2415/2020|2020-03-16|EPI_ISL_604729|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LOND-D9B2D/2020|2020-10-13|EPI_ISL_611595|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE9C1/2020|2020-09-09|EPI_ISL_568031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5536/2020|2020-08-00|EPI_ISL_688661|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/SZ-ETHZ-310399/2020|2020-10-08|EPI_ISL_603473|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-17872/2020|2020-12-14|EPI_ISL_749192|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10326/2020|2020-07-08|EPI_ISL_789152|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/GCVR-171B35/2020|2020-03-29|EPI_ISL_524547|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15227/2020|2020-11-23|EPI_ISL_713708|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA5276/2020|2020-10-22|EPI_ISL_623906|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL931/2020|2020-08-11|EPI_ISL_653622|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-AC7CE9/2020|2020-10-21|EPI_ISL_629427|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2208/2020|2020-11-16|EPI_ISL_770782|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/CAMB-1BADB2/2020|2020-11-12|EPI_ISL_664708|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8911/2020|2020-07-02|EPI_ISL_780826|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9EF7DC/2020|2020-09-23|EPI_ISL_594943|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-B05237/2020|2020-10-24|EPI_ISL_637409|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33F9E/2020|2020-04-18|EPI_ISL_446849|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A67AF0/2020|2020-10-12|EPI_ISL_630615|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH-174/2020|2020-04-14|EPI_ISL_452043|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/NM-DOH-2020308298/2020|2020-08-24|EPI_ISL_602177|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/CA-CZB-1854/2020|2020-04-27|EPI_ISL_486163|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Scotland/CVR5352/2020|2020-10-26|EPI_ISL_651773|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5868/2020|2020-06-28|EPI_ISL_547075|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/11CH4/2020|2020-10-31|EPI_ISL_732573|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/20100122106/2020|2020-03-02|EPI_ISL_415142|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0018/2020|2020-05-07|EPI_ISL_698228|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/India/TG-CCMB-AB229/2020|2020-08-14|EPI_ISL_539764|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/ALDP-B74B74/2020|2020-11-12|EPI_ISL_678978|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B28D/2020|2020-11-08|EPI_ISL_655482|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484E9D/2020|2020-10-24|EPI_ISL_628123|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1639C3/2020|2020-05-10|EPI_ISL_474024|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Finland/23LS17B5/2020|2020-10-23|EPI_ISL_759768|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Russia/AST-RII-MH4458S/2020|2020-08-15|EPI_ISL_733199|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/VIC3431/2020|2020-07-13|EPI_ISL_521101|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-IBV-99008499/2020|2020-09-10|EPI_ISL_654068|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-DSHS-0903/2020|2020-06-16|EPI_ISL_610039|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-93F2BE/2020|2020-06-21|EPI_ISL_552990|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F6E1/2020|2020-10-05|EPI_ISL_587206|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C7D68/2020|2020-11-23|EPI_ISL_680148|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC198/2020|2020-04-01|EPI_ISL_427493|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/WA-S2050/2020|2020-06-05|EPI_ISL_497478|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/France/PAC-IHU-0064/2020|2020-03-19|EPI_ISL_569283|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Japan/PG-7548/2020|2020-08-00|EPI_ISL_686650|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC21206/2020|2020-04-01|EPI_ISL_507463|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-9EE53D/2020|2020-09-23|EPI_ISL_580642|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1271/2020|2020-03-19|EPI_ISL_454608|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-17807/2020|2020-12-14|EPI_ISL_749579|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA3937/2020|2020-10-22|EPI_ISL_630849|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEAFE7/2020|2020-10-25|EPI_ISL_633313|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020617173/2020|2020-12-11|EPI_ISL_751845|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/MILK-A05890/2020|2020-10-01|EPI_ISL_599822|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr69/2020|2020-04-13|EPI_ISL_603098|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian

University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/MILK-956952/2020|2020-06-07|EPI_ISL_554267|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3BF5/2020|2020-10-22|EPI_ISL_624546|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-58FF34/2020|2020-06-11|EPI_ISL_558254|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0889/2020|2020-06-25|EPI_ISL_699027|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUEH-C4B726/2020|2020-12-13|EPI_ISL_769703|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35785/2020|2020-04-25|EPI_ISL_474472|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-956433/2020|2020-06-08|EPI_ISL_553991|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94DC73/2020|2020-06-19|EPI_ISL_555186|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2966/2020|2020-09-01|EPI_ISL_635756|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-95EE79/2020|2020-08-06|EPI_ISL_532418|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-B7DE54/2020|2020-11-12|EPI_ISL_742253|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F876/2020|2020-11-10|EPI_ISL_681149|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_204/2020|2020-05-04|EPI_ISL_461376|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-26B4F/2020|2020-03-29|EPI_ISL_422186|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0883/2020|2020-04-30|EPI_ISL_516673|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-ALSR-1587/2020|2020-04-27|EPI_ISL_494675|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-UM-10033798803/2020|2020-03-28|EPI_ISL_578093|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/WA-S2588/2020|2020-06-18|EPI_ISL_497220|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-B4667A/2020|2020-11-07|EPI_ISL_656139|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3448/2020|2020-05-09|EPI_ISL_456856|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3B19/2020|2020-12-13|EPI_ISL_764234|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3188133/2020|2020-12-24|EPI_ISL_771088|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/NY-Wadsworth-251314-01/2020|2020-10-20|EPI_ISL_734385|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-17888/2020|2020-12-14|EPI_ISL_749624|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1717/2020|2020-06-01|EPI_ISL_496143|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-81201/2020|2020-04-10|EPI_ISL_442989|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9CCD4C/2020|2020-09-16|EPI_ISL_566362|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14419/2020|2020-10-07|EPI_ISL_787704|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S206/2020|2020-03-20|EPI_ISL_430244|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC854/2020|2020-04-04|EPI_ISL_427114|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Gibraltar/205000664/2020|2020-12-00|EPI_ISL_709954|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Denmark/DCGC-14642/2020|2020-11-23|EPI_ISL_711887|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94C4A9/2020|2020-06-15|EPI_ISL_555853|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6853/2020|2020-09-00|EPI_ISL_687961|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B39373/2020|2020-11-01|EPI_ISL_659065|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW976/2020|2020-09-12|EPI_ISL_545048|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-8600/2020|2020-07-01|EPI_ISL_780645|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-51/2020|2020-03-20|EPI_ISL_421309|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Spain/CT-IBV-005629/2020|2020-04-24|EPI_ISL_508662|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-A8A884/2020|2020-10-16|EPI_ISL_638854|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11319/2020|2020-11-02|EPI_ISL_670836|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BAC41E/2020|2020-11-18|EPI_ISL_720402|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD70F/2020|2020-05-01|EPI_ISL_447999|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-7935/2020|2020-07-00|EPI_ISL_687036|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9FFC9E/2020|2020-09-30|EPI_ISL_600217|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CEC2F9/2020|2020-12-21|EPI_ISL_782211|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1926/2020|2020-03-16|EPI_ISL_604206|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-7348/2020|2020-08-00|EPI_ISL_688450|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B67F96/2020|2020-11-11|EPI_ISL_662221|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A85FEE/2020|2020-10-17|EPI_ISL_610503|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B2EB/2020|2020-04-07|EPI_ISL_432315|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-7897D6/2020|2020-07-15|EPI_ISL_533123|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19774/2020|2020-12-07|EPI_ISL_747779|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B981C/2020|2020-11-05|EPI_ISL_679142|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486A4C/2020|2020-10-27|EPI_ISL_639102|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B54187/2020|2020-11-08|EPI_ISL_656851|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001123/2020|2020-07-15|EPI_ISL_509366|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-9F8D0B/2020|2020-09-27|EPI_ISL_588950|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96F130/2020|2020-08-16|EPI_ISL_530425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012514374/2020|2020-06-18|EPI_ISL_746393|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Spain/CL-IBV-97006328/2020|2020-05-08|EPI_ISL_537684|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/BRIS-128F31/2020|2020-04-18|EPI_ISL_458757|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-317/2020|2020-03-30|EPI_ISL_450775|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Scotland/EDB7983/2020|2020-09-28|EPI_ISL_585463|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13793/2020|2020-08-18|EPI_ISL_788886|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B54406/2020|2020-11-08|EPI_ISL_656902|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480963/2020|2020-10-22|EPI_ISL_612953|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15475/2020|2020-10-23|EPI_ISL_786959|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/ACT0010/2020|2020-03-25|EPI_ISL_498477|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/Scotland/EDB10622/2020|2020-12-01|EPI_ISL_705786|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10213/2020|2020-05-31|EPI_ISL_570280|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-C930A/2020|2020-04-24|EPI_ISL_457634|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-UW-183/2020|2020-03-22|EPI_ISL_428279|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Israel/n14287/2020|2020-04-03|EPI_ISL_483714|Original|hCoV-19^^Kfar Saba|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/NORW-21F734/2020|2020-12-07|EPI_ISL_725044|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NOTT-11F173/2020|2020-11-23|EPI_ISL_679946|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/France/OCC-119/2020|2020-09-12|EPI_ISL_671964|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Wales/PHWC-4A152C/2020|2020-12-10|EPI_ISL_743686|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/KE-NVRL-73IRL55350/2020|2020-09-11|EPI_ISL_596890|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-ACC75C/2020|2020-10-21|EPI_ISL_629418|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-36274/2020|2020-04-29|EPI_ISL_474643|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00683/2020|2020-03-21|EPI_ISL_460146|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/NORW-EC8B7/2020|2020-05-17|EPI_ISL_457569|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-B74400/2020|2020-11-12|EPI_ISL_664838|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16894/2020|2020-12-14|EPI_ISL_750627|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2D754D/2020|2020-10-27|EPI_ISL_650248|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/201080064/2020|2020-03-03|EPI_ISL_464452|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC16996/2020|2020-08-07|EPI_ISL_663676|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/BE-ChVir-D1942-4496/2020|2020-10-02|EPI_ISL_753878|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-IGI-0118/2020|2020-06-19|EPI_ISL_495140|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/Germany/BE-ChVir-W1652-8241/2020|2020-07-20|EPI_ISL_753983|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-B55FB9/2020|2020-11-04|EPI_ISL_658391|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1206/2020|2020-12-14|EPI_ISL_768475|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-350178/2020|2020-11-04|EPI_ISL_693829|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-WSLH-200045/2020|2020-03-30|EPI_ISL_471210|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-8FB3DA/2020|2020-06-24|EPI_ISL_551405|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16621/2020|2020-11-16|EPI_ISL_714168|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC187F/2020|2020-11-19|EPI_ISL_704973|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Singapore/763/2020|2020-06-19|EPI_ISL_509373|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Indonesia/JB-TFRIC19-R49542/2020|2020-07-25|EPI_ISL_528750|Original|hCoV-19^^West Java|Human|Santo Borromeus Hospital|School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung;

Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran;
Laboratorium Kesehatan Provinsi Jawa Barat|Tan|Indonesia
>Spike|hCoV-19/USA/CA-CZB-15411/2020|2020-12-02|EPI_ISL_738624|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Australia/VIC4983/2020|2020-07-13|EPI_ISL_519787|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Switzerland/SG-ETHZ-380372/2020|2020-11-22|EPI_ISL_721844|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/UT-UPHL-2012475809/2020|2020-07-25|EPI_ISL_745680|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Denmark/DCGC-7701/2020|2020-10-19|EPI_ISL_618589|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/LA-EVTL601/2020|2020-06-30|EPI_ISL_579005|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Scotland/EDB125/2020|2020-03-23|EPI_ISL_425907|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/France/ARA-SC406/2020|2020-04-21|EPI_ISL_660365|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France
>Spike|hCoV-19/USA/TX-HMH-6984/2020|2020-06-28|EPI_ISL_546408|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/AZ-TG618010/2020|2020-07-17|EPI_ISL_695666|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/Thailand/EID-1/2020|2020-11-09|EPI_ISL_635199|Original|hCoV-19^^Thailand|Human|Bamrasnaradura Infectious Disease Institute|Molecular HIV and Emerging Infectious Diseases Laboratory|Uttayamakul|Thailand
>Spike|hCoV-19/England/QEUH-AE2D21/2020|2020-10-26|EPI_ISL_633561|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-03816/2020|2020-04-03|EPI_ISL_470714|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/TX-HMH-3837/2020|2020-06-16|EPI_ISL_543240|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-9FDAD2/2020|2020-10-01|EPI_ISL_588012|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-7758/2020|2020-10-19|EPI_ISL_618669|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/CO-CDPHE-2100036488/2020|2020-11-24|EPI_ISL_771342|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA
>Spike|hCoV-19/Denmark/DCGC-3726/2020|2020-08-31|EPI_ISL_615506|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUH-96299F/2020|2020-08-10|EPI_ISL_531682|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14641/2020|2020-11-16|EPI_ISL_739625|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Singapore/1109/2020|2020-10-19|EPI_ISL_605818|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Switzerland/BS-42398551/2020|2020-08-17|EPI_ISL_581966|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9961/2020|2020-07-06|EPI_ISL_780355|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Thailand/SI202620-NT/2020|2020-02-22|EPI_ISL_437615|unknown|hCoV-19^^Thailand|Human|unknown|Faculty of Medicine|Submitter|Thailand

>Spike|hCoV-19/Japan/PG-2765/2020|2020-04-00|EPI_ISL_690897|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-2EC80/2020|2020-04-06|EPI_ISL_446134|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Norway/5706/2020|2020-11-09|EPI_ISL_708144|Original|hCoV-19^^Tr\u00f8ndelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/201790379/2020|2020-04-25|EPI_ISL_526761|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-738/2020|2020-03-22|EPI_ISL_571471|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC13923/2020|2020-09-09|EPI_ISL_563883|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC10959/2020|2020-00-00|EPI_ISL_563169|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-21F7E9/2020|2020-12-08|EPI_ISL_725051|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUH-9C9204/2020|2020-09-10|EPI_ISL_567178|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0116/2020|2020-05-20|EPI_ISL_526264|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Denmark/DCGC-15981/2020|2020-11-23|EPI_ISL_714366|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-2270/2020|2020-03-31|EPI_ISL_477706|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-9744B7/2020|2020-08-20|EPI_ISL_575780|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1871/2020|2020-04-09|EPI_ISL_613947|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NORT-2A4691/2020|2020-09-06|EPI_ISL_573378|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006183/2020|2020-04-13|EPI_ISL_537329|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CA-CHLA-PLM53657240/2020|2020-11-30|EPI_ISL_753482|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/QEUH-B10C1D/2020|2020-11-02|EPI_ISL_642745|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8691/2020|2020-07-01|EPI_ISL_780703|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/IDF-0372-is1/2020|2020-01-23|EPI_ISL_410720|Vero E6 P2|hCoV-19^^\u00cele-de-France|Human|Department of Infectious and Tropical Diseases|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/WI-UW-2297/2020|2020-11-20|EPI_ISL_728063|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Germany/NW-HHU-253/2020|2020-09-27|EPI_ISL_631386|Orginal|hCoV-19^^North Rhine-Westphalia|Human|University Hospital Cologne|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/TX-DSHS-1827/2020|2020-06-24|EPI_ISL_738192|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LIVE-1D52D0/2020|2020-09-18|EPI_ISL_576962|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Italy/TUS-DBM-9/2020|2020-03-21|EPI_ISL_583964|Original|hCoV-19^^Tuscany|Human|UOC Microbiologia e Virologia|Dipartimento di Biotechnologie Mediche|Pinzauti|Italy

>Spike|hCoV-19/Australia/SAP134/2020|2020-03-25|EPI_ISL_451139|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Wales/ALDP-B1CB6F/2020|2020-11-01|EPI_ISL_665723|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMB-811B9/2020|2020-04-20|EPI_ISL_438578|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/SHEF-C7AE9/2020|2020-05-04|EPI_ISL_457621|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020315014/2020|2020-08-25|EPI_ISL_574284|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Scotland/QEUEH-969743/2020|2020-08-14|EPI_ISL_531189|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-993494/2020|2020-08-26|EPI_ISL_552103|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C39B4D/2020|2020-12-09|EPI_ISL_730755|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7805/2020|2020-08-02|EPI_ISL_564670|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/ARA-14951/2020|2020-03-27|EPI_ISL_508896|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/QEUEH-963D38/2020|2020-08-11|EPI_ISL_531543|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4E3E/2020|2020-11-11|EPI_ISL_705359|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20139045004/2020|2020-03-27|EPI_ISL_420684|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9CACAB/2020|2020-09-16|EPI_ISL_575512|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000319/2020|2020-04-30|EPI_ISL_631843|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001029/2020|2020-09-29|EPI_ISL_633045|Original|hCoV-19^^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-BCE391/2020|2020-11-26|EPI_ISL_704500|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD19A/2020|2020-09-16|EPI_ISL_566356|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-109/2020|2020-04-24|EPI_ISL_482377|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Scotland/EDB10482/2020|2020-10-19|EPI_ISL_703144|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF8BE/2020|2020-09-21|EPI_ISL_638432|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14804/2020|2020-10-13|EPI_ISL_786289|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9704CA/2020|2020-08-18|EPI_ISL_553070|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1251BBF/2020|2020-11-27|EPI_ISL_705953|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/MI-CDC-2-3693459/2020|2020-10-20|EPI_ISL_747115|Original|hCoV-19^^Michigan|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/MILK-C50797/2020|2020-12-11|EPI_ISL_736487|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17057/2020|2020-08-05|EPI_ISL_663711|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-10912/2020|2020-08-27|EPI_ISL_583141|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-A67AB4/2020|2020-10-12|EPI_ISL_630410|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1901/2020|2020-07-17|EPI_ISL_613835|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/PORT-2D3338/2020|2020-04-11|EPI_ISL_517524|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5228153/2020|2020-03-14|EPI_ISL_419591|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-ACDF71/2020|2020-10-20|EPI_ISL_630115|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1968/2020|2020-11-24|EPI_ISL_732193|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de

Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-AD0D62/2020|2020-10-26|EPI_ISL_634104|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B1F9/2020|2020-11-08|EPI_ISL_655567|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6354/2020|2020-08-00|EPI_ISL_689465|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-000586/2020|2020-03-09|EPI_ISL_632044|Original|hCoV-19^^New York|Human|NYU Langone Health|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/WA-UW-2232/2020|2020-03-25|EPI_ISL_426121|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUA-9E34B3/2020|2020-09-22|EPI_ISL_585504|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC13242/2020|2020-07-25|EPI_ISL_640766|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7448/2020|2020-06-26|EPI_ISL_546774|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-310528/2020|2020-10-08|EPI_ISL_603596|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-8078/2020|2020-10-26|EPI_ISL_617173|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2BD53/2020|2020-04-07|EPI_ISL_445841|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1786/2020|2020-07-30|EPI_ISL_613888|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-2526/2020|2020-08-17|EPI_ISL_617796|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F972766/2020|2020-07-07|EPI_ISL_693707|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Spain/PV-IBV-98008323/2020|2020-10-08|EPI_ISL_654566|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/20144004904/2020|2020-03-31|EPI_ISL_423489|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14870/2020|2020-11-20|EPI_ISL_739559|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/20189051801/2020|2020-05-01|EPI_ISL_465534|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0896/2020|2020-06-16|EPI_ISL_610032|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/South Korea/KCDC2114/2020|2020-03-12|EPI_ISL_498015|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/WA-S2664/2020|2020-06-20|EPI_ISL_497296|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC13175/2020|2020-07-28|EPI_ISL_592202|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19707/2020|2020-12-07|EPI_ISL_749124|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1A3B4/2020|2020-11-01|EPI_ISL_645997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-283B11/2020|2020-00-00|EPI_ISL_478519|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00855/2020|2020-05-04|EPI_ISL_610281|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/PA-MGSC38-05/2020|2020-03-26|EPI_ISL_436486|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/Wales/PHWC-4A250D/2020|2020-12-14|EPI_ISL_743900|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547253/2020|2020-07-03|EPI_ISL_695449|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/EDB3628/2020|2020-04-27|EPI_ISL_439300|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-474/2020|2020-03-23|EPI_ISL_571208|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-B20E14/2020|2020-11-02|EPI_ISL_647494|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/8454/2020|2020-03-18|EPI_ISL_501223|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/South Africa/KRISP-K003716/2020|2020-10-07|EPI_ISL_602896|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/LOND-D66F2/2020|2020-04-22|EPI_ISL_482179|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A645D4/2020|2020-10-11|EPI_ISL_608958|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1744/2020|2020-03-17|EPI_ISL_604081|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-1743/2020|2020-05-11|EPI_ISL_512162|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22119/2020|2020-10-14|EPI_ISL_614170|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Wales/PHWC-4936DF/2020|2020-11-29|EPI_ISL_725927|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7997/2020|2020-07-01|EPI_ISL_545777|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48BDB7/2020|2020-11-06|EPI_ISL_666357|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E74D/2020|2020-10-15|EPI_ISL_607734|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7435/2020|2020-07-00|EPI_ISL_688537|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-12800/2020|2020-08-19|EPI_ISL_790533|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Uganda/UG076/2020|2020-08-26|EPI_ISL_737987|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/Denmark/DCGC-21595/2020|2020-12-21|EPI_ISL_757752|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-0681-IPL/2020|2020-05-16|EPI_ISL_483298|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-A58904/2020|2020-10-08|EPI_ISL_597212|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00079/2020|2020-03-26|EPI_ISL_467536|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/NY-PV09442/2020|2020-03-08|EPI_ISL_450119|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/MILK-9A8AD6/2020|2020-08-31|EPI_ISL_550073|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AFA9B/2020|2020-05-01|EPI_ISL_459267|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/S10CB1/2020|2020-10-30|EPI_ISL_732625|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/TX-HMH-6221/2020|2020-06-19|EPI_ISL_547323|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9DE2FD/2020|2020-09-21|EPI_ISL_599528|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494489/2020|2020-11-20|EPI_ISL_726120|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B35C/2020|2020-10-30|EPI_ISL_643438|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-826/2020|2020-04-20|EPI_ISL_614728|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-064/2020|2020-05-31|EPI_ISL_464163|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-10484/2020|2020-11-02|EPI_ISL_670006|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A82549/2020|2020-10-12|EPI_ISL_610739|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6131/2020|2020-11-28|EPI_ISL_759982|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Scotland/EDB9335/2020|2020-11-06|EPI_ISL_705800|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Belgium/ULG-6670/2020|2020-03-14|EPI_ISL_417018|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-9690/2020|2020-07-04|EPI_ISL_780227|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-999E90/2020|2020-08-29|EPI_ISL_550268|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCB848/2020|2020-11-24|EPI_ISL_724432|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-5244/2020|2020-08-00|EPI_ISL_690347|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LCST-24D6BAE/2020|2020-06-08|EPI_ISL_484222|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18753/2020|2020-11-21|EPI_ISL_785091|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-4370S/2020|2020-07-08|EPI_ISL_569798|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUI-9CF8B1/2020|2020-09-17|EPI_ISL_601880|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481E36/2020|2020-09-24|EPI_ISL_613177|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUI-B82724/2020|2020-11-14|EPI_ISL_661655|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LOM-INMI-9491/2020|2020-02-26|EPI_ISL_460089|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/England/CAMC-B5323A/2020|2020-11-08|EPI_ISL_657423|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0CE1E/2020|2020-10-30|EPI_ISL_643326|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-A029DC/2020|2020-09-29|EPI_ISL_584942|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488761/2020|2020-10-30|EPI_ISL_639426|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18180/2020|2020-11-15|EPI_ISL_784528|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-A5D24/2020|2020-03-19|EPI_ISL_499659|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUI-BA1983/2020|2020-11-18|EPI_ISL_719736|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201060042/2020|2020-03-05|EPI_ISL_464378|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20119009104/2020|2020-03-12|EPI_ISL_465024|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Iceland/199/2020|2020-03-16|EPI_ISL_417706|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\|u00f3nsson|Iceland

>Spike|hCoV-19/Belgium/ULG-10992/2020|2020-11-14|EPI_ISL_707718|Original|hCoV-19^^Li\|u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-1105/2020|2020-07-24|EPI_ISL_516530|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-9CD051/2020|2020-09-16|EPI_ISL_566343|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AD2164/2020|2020-10-27|EPI_ISL_649750|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9537F1/2020|2020-06-08|EPI_ISL_554421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14995/2020|2020-10-15|EPI_ISL_786479|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-6411/2020|2020-10-12|EPI_ISL_620311|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-CB6B93/2020|2020-12-19|EPI_ISL_777881|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1736/2020|2020-06-01|EPI_ISL_496162|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-1200/2020|2020-04-00|EPI_ISL_684810|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Malaysia/IIUM316/2020|2020-04-09|EPI_ISL_455312|Original|hCoV-19^^Pahang|Human|Microbiology Unit|SEA Microbiome Unit|Ahmad|Malaysia

>Spike|hCoV-19/Netherlands/ZH-EMC-1043/2020|2020-11-26|EPI_ISL_722692|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Panama/338872/2020|2020-04-10|EPI_ISL_496888|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-68C965/2020|2020-07-02|EPI_ISL_558117|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI5-N/2020|2020-03-04|EPI_ISL_451303|Original|hCoV-19^^Lazio|Human|Laboratory of Virology|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/Netherlands/NB-EMC-328/2020|2020-10-04|EPI_ISL_632609|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-B81664/2020|2020-11-14|EPI_ISL_668093|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C58CAF/2020|2020-12-13|EPI_ISL_736197|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B09752/2020|2020-10-31|EPI_ISL_672946|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2445/2020|2020-08-14|EPI_ISL_667210|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/LA-EVTL563/2020|2020-06-30|EPI_ISL_578967|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-49199C/2020|2020-11-09|EPI_ISL_706719|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4490/2020|2020-07-00|EPI_ISL_692713|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-8395/2020|2020-06-26|EPI_ISL_784370|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MGH-00937/2020|2020-05-02|EPI_ISL_791826|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Thailand/Bangkok-CONI-0116/2020|2020-03-12|EPI_ISL_455918|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/QEUH-95E6EA/2020|2020-08-06|EPI_ISL_532406|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12DBA1/2020|2020-06-01|EPI_ISL_481838|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A7539/2020|2020-03-28|EPI_ISL_517034|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Singapore/876/2020|2020-08-28|EPI_ISL_536417|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/LIVE-DB7F77/2020|2020-11-02|EPI_ISL_650189|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-9BDA9/2020|2020-04-20|EPI_ISL_440917|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Norway/5782/2020|2020-11-19|EPI_ISL_708170|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Finland/S22AB1/2020|2020-10-11|EPI_ISL_737078|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/France/PAC-IHU-1229/2020|2020-08-17|EPI_ISL_569093|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Australia/VIC18/2020|2020-03-07|EPI_ISL_419737|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Switzerland/BE-HUG-2536/2020|2020-03-04|EPI_ISL_415704|Original|hCoV-19^^Bern|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/England/MILK-BDBF24/2020|2020-11-26|EPI_ISL_709729|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D4C71/2020|2020-09-19|EPI_ISL_601661|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D51D4/2020|2020-04-15|EPI_ISL_449686|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Lebanon/LAU3-53451/2020|2020-08-14|EPI_ISL_637112|Original|hCoV-19^^Beirut|Human|Rafik Hariri University Hospital|Microbial Pathogenomics Lab|Merhi|Lebanon

>Spike|hCoV-19/USA/WI-UW-1798/2020|2020-09-15|EPI_ISL_605670|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/20136031904/2020|2020-03-25|EPI_ISL_465820|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Russia/CRIE4973936/2020|2020-07-15|EPI_ISL_610229|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Samoilov|Russia

>Spike|hCoV-19/Luxembourg/LNS0247915/2020|2020-11-29|EPI_ISL_739742|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/QEUH-A89C5C/2020|2020-10-16|EPI_ISL_639628|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Brazil/SP-393/2020|2020-06-21|EPI_ISL_583502|Original|hCoV-19^^S\u00e3o Paulo|Human|Serv de Vig Sanitaria Epidemio e CTRL de Zoonoses Guaruj\u00e1|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/CA-ALSR-4783/2020|2020-05-04|EPI_ISL_730139|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Philippines/PH-RITM-0021/2020|2020-06-25|EPI_ISL_491475|Original|hCoV-19^^NCR|Human|Protacio Hospital|Research Institute for Tropical Medicine|Polotan|Philippines

>Spike|hCoV-19/USA/TX-HMH-2694/2020|2020-06-05|EPI_ISL_545482|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0820/2020|2020-05-13|EPI_ISL_568978|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Northern Ireland/NIRE-10534D/2020|2020-03-31|EPI_ISL_461783|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3922/2020|2020-09-14|EPI_ISL_615833|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9FDE9A/2020|2020-10-01|EPI_ISL_587941|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B961D4/2020|2020-11-13|EPI_ISL_675003|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-896/2020|2020-05-11|EPI_ISL_614460|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL990/2020|2020-08-18|EPI_ISL_653681|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-92AEFE/2020|2020-06-22|EPI_ISL_551387|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B0F868/2020|2020-11-02|EPI_ISL_642129|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0706/2020|2020-04-19|EPI_ISL_583660|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Russia/BRY-RII-MH2790S/2020|2020-09-17|EPI_ISL_602453|Original|hCoV-19^^Bryansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUA-B2EC3A/2020|2020-11-04|EPI_ISL_659770|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E3CE/2020|2020-12-07|EPI_ISL_742996|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5275/2020|2020-09-14|EPI_ISL_615206|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C3C1B/2020|2020-09-07|EPI_ISL_566797|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-990206/2020|2020-08-30|EPI_ISL_540115|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-0506/2020|2020-04-02|EPI_ISL_430054|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR2601/2020|2020-04-16|EPI_ISL_453063|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42189772/2020|2020-03-13|EPI_ISL_528050|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Northern Ireland/QEUA-961BC7/2020|2020-08-02|EPI_ISL_536994|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2661/2020|2020-04-00|EPI_ISL_690793|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZH-EMC-1128/2020|2020-12-18|EPI_ISL_763207|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-2577/2020|2020-06-02|EPI_ISL_545400|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-CBF5C9/2020|2020-12-20|EPI_ISL_760652|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165F65/2020|2020-05-14|EPI_ISL_490819|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-2982D8/2020|2020-04-28|EPI_ISL_488020|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2CF24/2020|2020-11-04|EPI_ISL_680087|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI383/2020|2020-03-24|EPI_ISL_429483|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUA-B69750/2020|2020-11-11|EPI_ISL_661464|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-848/2020|2020-03-30|EPI_ISL_444939|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/WA-UW-8872/2020|2020-05-09|EPI_ISL_570223|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/BRIS-12A870/2020|2020-04-29|EPI_ISL_458414|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14862/2020|2020-11-22|EPI_ISL_739198|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Canada/ON-SLB3140/2020|2020-04-25|EPI_ISL_717738|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/CA-IGI-0769/2020|2020-07-31|EPI_ISL_677887|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-94484B/2020|2020-06-07|EPI_ISL_555611|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BDB74A/2020|2020-11-26|EPI_ISL_709716|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/G-171/2020|2020-07-01|EPI_ISL_600502|Original|hCoV-19^^Chattogram|Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19/Wales/PHWC-4A15E0/2020|2020-12-10|EPI_ISL_743698|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B95D1D/2020|2020-11-13|EPI_ISL_676231|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7C6A9/2020|2020-10-15|EPI_ISL_607510|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-310427/2020|2020-10-08|EPI_ISL_603501|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/IL-NM-0505/2020|2020-04-25|EPI_ISL_626436|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/AZ-TG666157/2020|2020-05-02|EPI_ISL_696238|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/NY-Wadsworth-292275-01/2020|2020-12-02|EPI_ISL_767640|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMB-1B18E7/2020|2020-05-07|EPI_ISL_458547|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1167/2020|2020-04-05|EPI_ISL_511713|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-6556/2020|2020-09-00|EPI_ISL_687670|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5963/2020|2020-09-28|EPI_ISL_621072|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4435/2020|2020-07-18|EPI_ISL_519731|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-9CA7F5/2020|2020-09-10|EPI_ISL_567525|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8276/2020|2020-08-00|EPI_ISL_687375|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-IGI-0350/2020|2020-07-17|EPI_ISL_754874|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/MN-MDH-1818/2020|2020-04-15|EPI_ISL_590820|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/South Korea/KCDC2027/2020|2020-02-19|EPI_ISL_471443|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Canada/BC_02051350/2020|2020-04-00|EPI_ISL_466713|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-21037/2020|2020-12-21|EPI_ISL_758847|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0811/2020|2020-05-19|EPI_ISL_698950|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/MI-UM-10036638082/2020|2020-10-27|EPI_ISL_650058|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/QEUH-9CF3A1/2020|2020-09-17|EPI_ISL_602005|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/DC-INS-79190/2020|2020-03-12|EPI_ISL_456120|Original|hCoV-19^^Bogota|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/USA/WI-UW-1405/2020|2020-09-09|EPI_ISL_536775|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Spain/RI-IBV-99005887/2020|2020-03-11|EPI_ISL_537429|Original|hCoV-19^^La Rioja|Human|Centro de Investigación Biomédica de La Rioja - Hospital San Pedro Logroño|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-2182/2020|2020-10-21|EPI_ISL_677586|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MD-HP00149/2020|2020-03-23|EPI_ISL_457779|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/USA/TX-DSHS-0107/2020|2020-05-28|EPI_ISL_522390|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_R-6/2020|2020-07-17|EPI_ISL_775005|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/USA/CA-CZB-3713/2020|2020-07-21|EPI_ISL_548384|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/FL-BPHL-0860/2020|2020-06-29|EPI_ISL_514206|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-7A62D/2020|2020-04-02|EPI_ISL_441190|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-3407/2020|2020-04-00|EPI_ISL_691521|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT1767/2020|2020-11-15|EPI_ISL_765214|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/QEUH-BCCCD4/2020|2020-11-26|EPI_ISL_710797|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1604C5/2020|2020-05-20|EPI_ISL_472941|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-1150DA/2020|2020-10-13|EPI_ISL_584789|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A8CC/2020|2020-11-15|EPI_ISL_673289|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-A95631/2020|2020-10-20|EPI_ISL_624873|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20169015604/2020|2020-04-17|EPI_ISL_465200|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Sweden/20-08360/2020|2020-03-24|EPI_ISL_476141|Original|hCoV-19^^Vastmanland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-95D8A9/2020|2020-06-21|EPI_ISL_556251|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-13356/2020|2020-07-01|EPI_ISL_501141|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB4517/2020|2020-05-06|EPI_ISL_461714|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-A18162/2020|2020-10-01|EPI_ISL_595021|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/France/ARA-SC733/2020|2020-11-16|EPI_ISL_779827|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUH-AF5480/2020|2020-10-30|EPI_ISL_663098|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0799/2020|2020-06-30|EPI_ISL_677892|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-A2D66B/2020|2020-10-06|EPI_ISL_586585|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0165/2020|2020-11-21|EPI_ISL_747399|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/QEUH-B2CFBB/2020|2020-11-04|EPI_ISL_680092|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-71C8E/2020|2020-03-30|EPI_ISL_439567|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC11726/2020|2020-07-22|EPI_ISL_563472|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-128B4C/2020|2020-04-14|EPI_ISL_458853|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG396369/2020|2020-06-12|EPI_ISL_694825|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A87B7F/2020|2020-10-17|EPI_ISL_606152|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17820/2020|2020-07-28|EPI_ISL_779475|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Beck|Australia

>Spike|hCoV-19/USA/MN-MDH-1134/2020|2020-04-26|EPI_ISL_476719|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-49E2EF/2020|2020-12-07|EPI_ISL_742983|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1263/2020|2020-05-13|EPI_ISL_495713|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-2062/2020|2020-04-00|EPI_ISL_685667|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC2852/2020|2020-07-03|EPI_ISL_521683|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Poland/PL_MCB_43/2020|2020-04-07|EPI_ISL_645042|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Japan/IC-0364/2020|2020-11-00|EPI_ISL_721606|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-9759/2020|2020-06-03|EPI_ISL_672168|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-B1B34A/2020|2020-11-01|EPI_ISL_645547|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S850/2020|2020-04-23|EPI_ISL_463340|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20148/2020|2020-03-24|EPI_ISL_436856|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-92A0CB/2020|2020-06-22|EPI_ISL_551548|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2230/2020|2020-12-02|EPI_ISL_770804|Original|hCoV-19^^Minnesota|Human|Vault Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/TX-DSHS-0528/2020|2020-06-23|EPI_ISL_560970|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-4226/2020|2020-07-00|EPI_ISL_692464|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9C006D/2020|2020-09-08|EPI_ISL_573168|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-350316/2020|2020-11-03|EPI_ISL_729192|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/QC-LSPQ-L00240158/2020|2020-03-26|EPI_ISL_536265|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Chandler|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Ireland/LK-UHL124/2020|2020-04-07|EPI_ISL_681725|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Denmark/DCGC-4460/2020|2020-09-07|EPI_ISL_615645|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AR-CDC-4198/2020|2020-07-10|EPI_ISL_509668|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/France/PAC-IHU-1419/2020|2020-08-10|EPI_ISL_569157|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Czech Republic/NRL-8609/2020|2020-09-04|EPI_ISL_584082|Original|hCoV-19^^Central Bohemia Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Japan/PG-2840/2020|2020-04-00|EPI_ISL_690967|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2E9D9B/2020|2020-00-00|EPI_ISL_706881|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-B3A5C7/2020|2020-11-02|EPI_ISL_658985|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8073/2020|2020-08-17|EPI_ISL_564832|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-1935/2020|2020-07-29|EPI_ISL_526074|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/NORW-F52CC/2020|2020-11-19|EPI_ISL_725241|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009388/2020|2020-05-29|EPI_ISL_605151|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Kenya/C1499/2020|2020-04-20|EPI_ISL_457863|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/ALDP-9561D2/2020|2020-06-11|EPI_ISL_553918|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265E4B0/2020|2020-03-31|EPI_ISL_484208|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1085/2020|2020-05-22|EPI_ISL_526571|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-B3D7CE/2020|2020-11-01|EPI_ISL_706236|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-280117/2020|2020-09-08|EPI_ISL_560471|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/BRIS-12CF1F/2020|2020-04-24|EPI_ISL_481812|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/Novi Sad-196221606/2020|2020-06-15|EPI_ISL_676592|Original|hCoV-19^^Novi Sad|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/India/MH-ACTREC-292/2020|2020-07-14|EPI_ISL_699944|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/WY-UNM-WY00106/2020|2020-07-28|EPI_ISL_582222|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/DC-CDC-8704/2020|2020-04-21|EPI_ISL_576178|Original|hCoV-19^^District of Columbia|Human|DC Public Health Lab/ Dept. of Forensic Sciences|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-BB2E35/2020|2020-11-20|EPI_ISL_702722|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_99/2020|2020-03-17|EPI_ISL_422858|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-48212D/2020|2020-10-20|EPI_ISL_613200|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20875/2020|2020-12-21|EPI_ISL_758852|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2E28E/2020|2020-04-07|EPI_ISL_446079|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH558/2020|2020-04-21|EPI_ISL_512959|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-A18DB9/2020|2020-10-01|EPI_ISL_612459|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-99809B/2020|2020-08-27|EPI_ISL_537184|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50482/2020|2020-03-26|EPI_ISL_475142|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/VIC6396/2020|2020-07-24|EPI_ISL_521188|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG618034/2020|2020-07-20|EPI_ISL_695678|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-13707/2020|2020-11-30|EPI_ISL_712972|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC9257/2020|2020-08-21|EPI_ISL_565472|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-14266/2020|2020-08-24|EPI_ISL_739575|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Australia/VIC14081/2020|2020-09-16|EPI_ISL_563960|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-1360/2020|2020-04-12|EPI_ISL_468372|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Wales/PHWC-495109/2020|2020-11-25|EPI_ISL_726302|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B82F0E/2020|2020-11-14|EPI_ISL_675169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FDD8E/2020|2020-10-01|EPI_ISL_587724|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A7636C/2020|2020-10-11|EPI_ISL_665972|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-230/2020|2020-10-01|EPI_ISL_660530|Original|hCoV-19^^Tungurahua|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/USA/CO-CDPHE-2009170196/2020|2020-09-16|EPI_ISL_710294|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-30C03/2020|2020-04-10|EPI_ISL_446337|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV32465/2020|2020-05-30|EPI_ISL_481156|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Spain/MD-IBV-005333/2020|2020-03-17|EPI_ISL_510211|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-6682/2020|2020-10-12|EPI_ISL_619585|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9582BF/2020|2020-06-12|EPI_ISL_554745|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Papua New Guinea/6/2020|2020-07-20|EPI_ISL_693476|Original|hCoV-19^^Papua New Guinea|Human|Central Public Health Laboratory|National Public Health Laboratory|Mak|Papua New Guinea

>Spike|hCoV-19/Wales/PHWC-48DBCA/2020|2020-11-02|EPI_ISL_680737|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-2501/2020|2020-08-17|EPI_ISL_667229|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WI-GMF-26767/2020|2020-10-20|EPI_ISL_660962|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/BRIS-122517/2020|2020-04-04|EPI_ISL_440772|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AF37/2020|2020-12-05|EPI_ISL_742274|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2878/2020|2020-06-09|EPI_ISL_543847|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-106BCC/2020|2020-05-19|EPI_ISL_501001|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CFCF/2020|2020-10-14|EPI_ISL_608290|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0042/2020|2020-06-04|EPI_ISL_614352|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/Scotland/QEUH-9CFCE2/2020|2020-09-16|EPI_ISL_601804|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C7E5/2020|2020-11-01|EPI_ISL_666470|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9FF7D9/2020|2020-10-02|EPI_ISL_600457|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200125/2020|2020-04-17|EPI_ISL_578354|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Scotland/EDB6356/2020|2020-06-05|EPI_ISL_473946|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Ireland/LD-NVRL-78IRL72811/2020|2020-11-23|EPI_ISL_752560|Original|hCoV-19^^Longford|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/UT-01898/2020|2020-04-13|EPI_ISL_470719|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/WA-S968/2020|2020-05-01|EPI_ISL_463458|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Scotland/EDB11033/2020|2020-12-14|EPI_ISL_742194|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9120/2020|2020-07-02|EPI_ISL_780952|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C06DDA/2020|2020-12-06|EPI_ISL_709346|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4693/2020|2020-07-17|EPI_ISL_519081|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B1BD00/2020|2020-11-01|EPI_ISL_645906|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3106/2020|2020-08-04|EPI_ISL_549130|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Italy/ABR-CAST-CH360/2020|2020-12-22|EPI_ISL_755572|Original|hCoV-19^^Abruzzo|Human|Center of Advanced Studies and Technology|Center of Advanced Studies and Technology|Ferrante,R.|Italy

>Spike|hCoV-19/Japan/IC-0409/2020|2020-12-00|EPI_ISL_736917|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/SP-L1-CAMPI10/2020|2020-04-06|EPI_ISL_476152|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Faria|Brazil

>Spike|hCoV-19/Denmark/DCGC-21083/2020|2020-12-21|EPI_ISL_759541|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC513/2020|2020-03-30|EPI_ISL_444630|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-7D1ED/2020|2020-04-06|EPI_ISL_442128|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Israel/990300724/2020|2020-04-01|EPI_ISL_447265|Original|hCoV-19^^South Coast District|Human|Microbiology laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Netherlands/ZH-EMC-884/2020|2020-09-16|EPI_ISL_632763|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A2EAE6/2020|2020-10-05|EPI_ISL_586979|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D1057-3/2020|2020-04-22|EPI_ISL_527430|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Wales/PHWC-28A31/2020|2020-04-02|EPI_ISL_445389|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB055/2020|2020-03-19|EPI_ISL_425859|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-08656/2020|2020-05-08|EPI_ISL_524385|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-BDCA40/2020|2020-11-26|EPI_ISL_709710|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1978/2020|2020-11-24|EPI_ISL_755692|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-A2D522/2020|2020-10-06|EPI_ISL_586596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13A95C/2020|2020-11-09|EPI_ISL_664297|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-217/2020|2020-03-05|EPI_ISL_523199|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Korea/KCDC2556/2020|2020-06-23|EPI_ISL_514959|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/New Zealand/20VR3747/2020|2020-00-00|EPI_ISL_548131|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/NORW-EA154/2020|2020-05-13|EPI_ISL_457329|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9CA34C/2020|2020-09-13|EPI_ISL_576085|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BC4207/2020|2020-11-24|EPI_ISL_703583|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1640/2020|2020-09-11|EPI_ISL_605514|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/MILK-AB82AD/2020|2020-10-21|EPI_ISL_623396|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-BAD1E/2020|2020-11-18|EPI_ISL_672891|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S2781/2020|2020-08-10|EPI_ISL_530138|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Poland/PL_MCB_52/2020|2020-05-10|EPI_ISL_645051|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland
>Spike|hCoV-19/USA/NY-NYCPHL-001195/2020|2020-10-30|EPI_ISL_683886|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/Japan/PG-8625/2020|2020-09-00|EPI_ISL_686221|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/NOTT-121865/2020|2020-12-23|EPI_ISL_764518|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/England/MILK-BAC37B/2020|2020-11-18|EPI_ISL_720549|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/MH-ACTREC-598/2020|2020-09-07|EPI_ISL_700236|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Wales/MILK-956855/2020|2020-06-05|EPI_ISL_554313|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-15C514/2020|2020-04-19|EPI_ISL_472500|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Canada/ON-S813/2020|2020-04-10|EPI_ISL_591165|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/Japan/IC-0119/2020|2020-08-00|EPI_ISL_591460|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/OXON-AE9FA/2020|2020-00-00|EPI_ISL_448745|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-1533/2020|2020-05-13|EPI_ISL_494647|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/OXON-B41F9/2020|2020-03-29|EPI_ISL_534938|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-11899/2020|2020-10-02|EPI_ISL_672080|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/Wales/PHWC-499509/2020|2020-12-03|EPI_ISL_727316|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-7EE6D/2020|2020-04-07|EPI_ISL_442984|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Russia/Novosibirsk-RII27315S/2020|2020-04-29|EPI_ISL_507209|Original|hCoV-19^^Novosibirsk|Human|Department of Experimental Modeling and Pathogenesis of Infectious Diseases|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Switzerland/AG-UZH-IMV11/2020|2020-05-04|EPI_ISL_590833|Vero P2|hCoV-19^^Aargau|Human|Institute of Medical Virology|Institute of Medical Virology|Kufner|Switzerland

>Spike|hCoV-19/England/CAMB-7B0A6/2020|2020-04-11|EPI_ISL_433913|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/CVR2445/2020|2020-04-14|EPI_ISL_477942|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1359/2020|2020-12-11|EPI_ISL_779025|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/LIVE-A601B/2020|2020-06-30|EPI_ISL_499675|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-RIYADH1241/2020|2020-08-11|EPI_ISL_678213|Original|hCoV-19^^Riyadh|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-5D78BA/2020|2020-06-19|EPI_ISL_558483|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-393/2020|2020-11-17|EPI_ISL_722306|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Belgium/regA-10061035/2020|2020-10-06|EPI_ISL_735056|Original|hCoV-19^^Hoeilaart|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CHLA-PLM02369650/2020|2020-11-19|EPI_ISL_753391|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Denmark/DCGC-2072/2020|2020-06-01|EPI_ISL_618029|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9D9F73/2020|2020-09-18|EPI_ISL_576829|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-X112/2020|2020-07-15|EPI_ISL_528847|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/PHWC-266F3/2020|2020-03-27|EPI_ISL_422109|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/204900594/2020|2020-11-30|EPI_ISL_747494|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5908909/2020|2020-11-13|EPI_ISL_744321|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S1523/2020|2020-05-23|EPI_ISL_495949|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-957AB8/2020|2020-06-09|EPI_ISL_554255|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0162/2020|2020-05-18|EPI_ISL_698349|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/UT-UPHL-2012376464/2020|2020-12-02|EPI_ISL_746994|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/20140039104/2020|2020-03-25|EPI_ISL_420753|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUIH-9438E2/2020|2020-07-11|EPI_ISL_532624|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496E98/2020|2020-11-24|EPI_ISL_726741|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18599/2020|2020-12-07|EPI_ISL_750072|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B1EAA/2020|2020-05-02|EPI_ISL_479099|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C39961/2020|2020-12-08|EPI_ISL_767158|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13431/2020|2020-08-06|EPI_ISL_563729|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B5D7E6/2020|2020-11-09|EPI_ISL_703093|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1985/2020|2020-03-18|EPI_ISL_604358|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-7629/2020|2020-08-00|EPI_ISL_686731|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A41A29/2020|2020-10-06|EPI_ISL_609532|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-76305-01/2020|2020-05-01|EPI_ISL_676895|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Scotland/QEUIH-B129BA/2020|2020-11-02|EPI_ISL_649572|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15E275/2020|2020-05-11|EPI_ISL_472801|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA28D1/2020|2020-10-21|EPI_ISL_630928|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1137/2020|2020-12-19|EPI_ISL_763214|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/ME-HETL-J0480/2020|2020-12-15|EPI_ISL_755567|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/ALDP-B1A299/2020|2020-11-01|EPI_ISL_645913|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5182/2020|2020-08-00|EPI_ISL_690285|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-QDX-991/2020|2020-03-15|EPI_ISL_571789|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC2191/2020|2020-00-00|EPI_ISL_521937|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2D1B7E/2020|2020-04-03|EPI_ISL_493655|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7145/2020|2020-06-29|EPI_ISL_546543|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-124DE0/2020|2020-03-26|EPI_ISL_443764|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0261/2020|2020-05-17|EPI_ISL_698442|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Gibraltar/204421189/2020|2020-10-27|EPI_ISL_613650|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Canada/ON-PHL-20-02478/2020|2020-09-00|EPI_ISL_671586|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-B83529/2020|2020-11-14|EPI_ISL_675597|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10009/2020|2020-03-30|EPI_ISL_421188|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-A44DB4/2020|2020-10-06|EPI_ISL_598592|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15055/2020|2020-10-15|EPI_ISL_786539|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-64C22A/2020|2020-07-04|EPI_ISL_558057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE012/2020|2020-04-27|EPI_ISL_459484|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129163304/2020|2020-03-11|EPI_ISL_424125|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B2640D/2020|2020-11-04|EPI_ISL_646773|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB56B2/2020|2020-11-20|EPI_ISL_702648|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10187/2020|2020-08-27|EPI_ISL_562818|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/ME-HETL-J0049/2020|2020-03-19|EPI_ISL_513460|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/ALDP-A2FCD0/2020|2020-10-05|EPI_ISL_587005|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/AGR-0324174/2020|2020-03-24|EPI_ISL_420431|Original|hCoV-19^^Saint-Saulve|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/South Africa/R12707-20/2020|2020-06-16|EPI_ISL_504235|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/LIVE-DB98E3/2020|2020-11-10|EPI_ISL_705806|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9E41F7/2020|2020-09-23|EPI_ISL_601097|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E7FF/2020|2020-12-08|EPI_ISL_743051|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8056/2020|2020-08-00|EPI_ISL_687157|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9557B3/2020|2020-06-12|EPI_ISL_554339|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-21014/2020|2020-12-23|EPI_ISL_791031|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/SHEF-C1047/2020|2020-04-11|EPI_ISL_441905|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29E43/2020|2020-04-04|EPI_ISL_432194|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DD3CE/2020|2020-09-22|EPI_ISL_599593|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8025/2020|2020-10-26|EPI_ISL_616970|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19307/2020|2020-12-07|EPI_ISL_748874|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18539/2020|2020-11-19|EPI_ISL_784887|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B9EC62/2020|2020-11-18|EPI_ISL_719676|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14249/2020|2020-11-30|EPI_ISL_711654|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1001/2020|2020-08-20|EPI_ISL_653692|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Netherlands/un-EMC-823/2020|2020-12-08|EPI_ISL_763176|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-PV08428/2020|2020-03-19|EPI_ISL_421386|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-140042/2020|2020-05-27|EPI_ISL_476096|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-5658/2020|2020-04-00|EPI_ISL_688782|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW284/2020|2020-04-02|EPI_ISL_451548|Original|hCoV-19^^New South Wales|Human|Childrens Hospital Westmead|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMC-94C209/2020|2020-07-20|EPI_ISL_556683|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN124-MDH124/2020|2020-03-15|EPI_ISL_421683|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/England/20198253004/2020|2020-05-07|EPI_ISL_526548|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH2004S/2020|2020-05-27|EPI_ISL_596346|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Netherlands/Limburg_38/2020|2020-04-22|EPI_ISL_461026|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/QC-LSPQ-L00229943/2020|2020-03-19|EPI_ISL_535906|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Chicoutimi|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Switzerland/SH-ETHZ-380219/2020|2020-11-23|EPI_ISL_721863|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S1229/2020|2020-05-09|EPI_ISL_495679|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WI-UW-222/2020|2020-03-25|EPI_ISL_428318|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/TX-HMH-6727/2020|2020-06-25|EPI_ISL_546197|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F0D57/2020|2020-00-00|EPI_ISL_595216|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009610/2020|2020-07-19|EPI_ISL_605288|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-889CA9/2020|2020-07-23|EPI_ISL_532748|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F81E1/2020|2020-09-27|EPI_ISL_588962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18326/2020|2020-12-07|EPI_ISL_749391|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS2067807/2020|2020-10-23|EPI_ISL_740052|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-496B37/2020|2020-11-24|EPI_ISL_726690|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A96481/2020|2020-10-20|EPI_ISL_624616|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B46E18/2020|2020-11-07|EPI_ISL_656134|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4602/2020|2020-10-15|EPI_ISL_708030|Original|hCoV-19^^Innlandet|Human|Innlandet Hospital Trust|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-CB3C48/2020|2020-12-18|EPI_ISL_761174|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0207/2020|2020-05-18|EPI_ISL_529193|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/England/SHEF-10CDFD2/2020|2020-12-09|EPI_ISL_727923|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-D33D0/2020|2020-05-21|EPI_ISL_493739|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-BDC66A/2020|2020-11-27|EPI_ISL_709669|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-5819S/2020|2020-05-08|EPI_ISL_569736|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-B83E3D/2020|2020-11-14|EPI_ISL_674447|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A85E2D/2020|2020-10-17|EPI_ISL_610369|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/553/2020|2020-03-27|EPI_ISL_424573|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Australia/VIC5008/2020|2020-07-17|EPI_ISL_519812|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR1576/2020|2020-04-05|EPI_ISL_433623|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15680/2020|2020-11-23|EPI_ISL_713959|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7CF80/2020|2020-10-12|EPI_ISL_606660|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LOM-AMVRC-9/2020|2020-03-03|EPI_ISL_486665|Original|hCoV-19^^Lombardy|Human|Microbiology|Microbiology|Comandatore|Italy

>Spike|hCoV-19/England/ALDP-C3A7B1/2020|2020-12-09|EPI_ISL_731325|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B718/2020|2020-05-19|EPI_ISL_487539|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BB4F12/2020|2020-11-20|EPI_ISL_710706|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4134/2020|2020-07-14|EPI_ISL_519506|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-746984/2020|2020-06-29|EPI_ISL_557499|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA438/2020|2020-04-17|EPI_ISL_443413|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Italy/FVG-ICGEB-S18/2020|2020-03-30|EPI_ISL_428854|Vero E6 P1|hCoV-19^^Friuli Venezia Giulia|Human|Laboratory of Molecular Virology International Center for Genetic Engineering and Biotechnology (ICGEB)|ARGO Open Lab Platform for Genome sequencing|Marcello|Italy

>Spike|hCoV-19/England/MILK-9E2D6E/2020|2020-09-21|EPI_ISL_581150|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D0E7F/2020|2020-09-14|EPI_ISL_589898|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A00006/2020|2020-10-02|EPI_ISL_600363|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C334C/2020|2020-10-29|EPI_ISL_653062|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC4602/2020|2020-07-12|EPI_ISL_519003|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B55441/2020|2020-11-05|EPI_ISL_657999|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1380/2020|2020-05-19|EPI_ISL_495830|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-9F22B7/2020|2020-09-24|EPI_ISL_589172|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19975/2020|2020-12-07|EPI_ISL_747902|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B55A6D/2020|2020-11-06|EPI_ISL_657696|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B419EF/2020|2020-11-08|EPI_ISL_658415|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1720/2020|2020-08-24|EPI_ISL_693647|Original|hCoV-19^^Portugal|Human|Hospital Vila Franca de Xira|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUEH-788E69/2020|2020-07-15|EPI_ISL_533057|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72106/2020|2020-03-28|EPI_ISL_439919|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2178/2020|2020-05-24|EPI_ISL_513728|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/SHEF-C69FC/2020|2020-05-11|EPI_ISL_457613|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF3E84/2020|2020-10-30|EPI_ISL_663009|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292778-01/2020|2020-12-26|EPI_ISL_769947|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Scotland/QEUEH-9F7021/2020|2020-09-27|EPI_ISL_595655|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD38F5/2020|2020-10-26|EPI_ISL_633852|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9100060/2020|2020-10-23|EPI_ISL_744852|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-992617/2020|2020-08-27|EPI_ISL_552131|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A0BB82/2020|2020-10-01|EPI_ISL_599363|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20287/2020|2020-11-14|EPI_ISL_723426|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/LOND-DAA89/2020|2020-11-06|EPI_ISL_724687|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LIVE-DB6233/2020|2020-11-07|EPI_ISL_650132|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-103497/2020|2020-04-17|EPI_ISL_489345|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4044/2020|2020-06-17|EPI_ISL_543321|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K002542/2020|2020-07-30|EPI_ISL_535412|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Switzerland/SZ-HUG-1417/2020|2020-03-02|EPI_ISL_415702|Original|hCoV-19^^Schwyz|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-04528/2020|2020-05-21|EPI_ISL_575157|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-9D01D0/2020|2020-09-16|EPI_ISL_589825|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17545/2020|2020-12-14|EPI_ISL_751059|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-286A5D/2020|2020-10-14|EPI_ISL_638572|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-AD5E00/2020|2020-10-25|EPI_ISL_634541|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-999D84/2020|2020-08-29|EPI_ISL_550380|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95C88C/2020|2020-06-16|EPI_ISL_553435|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6554/2020|2020-10-05|EPI_ISL_619454|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14305/2020|2020-10-06|EPI_ISL_787590|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9F5F08/2020|2020-09-25|EPI_ISL_588796|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012335/2020|2020-11-20|EPI_ISL_779958|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-A50CA9/2020|2020-10-07|EPI_ISL_597657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E65EA/2020|2020-09-24|EPI_ISL_580507|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134023104/2020|2020-03-24|EPI_ISL_423122|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2686/2020|2020-08-10|EPI_ISL_617738|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18245/2020|2020-11-17|EPI_ISL_784593|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-QDX-35/2020|2020-03-15|EPI_ISL_467899|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8473/2020|2020-07-01|EPI_ISL_780582|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-166B8E/2020|2020-06-27|EPI_ISL_494088|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1346/2020|2020-04-07|EPI_ISL_654927|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMC-B9A89F/2020|2020-11-15|EPI_ISL_673513|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2048899/2020|2020-11-02|EPI_ISL_740047|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-9A8432/2020|2020-09-01|EPI_ISL_550133|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010926/2020|2020-09-22|EPI_ISL_732765|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-S432/2020|2020-03-28|EPI_ISL_434192|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC5355/2020|2020-07-19|EPI_ISL_520118|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/DE-DHSS-F917912/2020|2020-03-25|EPI_ISL_576154|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Japan/PG-6365/2020|2020-08-00|EPI_ISL_689476|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AS-IBV-98006659/2020|2020-05-06|EPI_ISL_654628|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Canada/BC_07943734/2020|2020-04-00|EPI_ISL_466825|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Switzerland/BL-ETHZ-210064/2020|2020-07-21|EPI_ISL_510796|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/ON-UHTC_0346/2020|2020-09-12|EPI_ISL_609819|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Wales/PHWC-482EEA/2020|2020-10-19|EPI_ISL_627753|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0284/2020|2020-11-00|EPI_ISL_667713|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-K001406/2020|2020-07-17|EPI_ISL_515889|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-MCoV-14606/2020|2020-10-11|EPI_ISL_787891|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Malaysia/IMR-CV138523/2020|2020-09-01|EPI_ISL_718289|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/USA/WA-S1813/2020|2020-06-02|EPI_ISL_496239|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-CC3B84/2020|2020-12-21|EPI_ISL_760465|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12166/2020|2020-12-30|EPI_ISL_791472|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/ALDP-5ACB6A/2020|2020-06-18|EPI_ISL_558749|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3871/2020|2020-09-07|EPI_ISL_615589|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-1529/2020|2020-04-07|EPI_ISL_542776|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SG-ETHZ-220042/2020|2020-07-30|EPI_ISL_512022|Original|hCoV-19^^Sankt Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B858A6/2020|2020-11-14|EPI_ISL_675453|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14350/2020|2020-11-30|EPI_ISL_711712|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2009108/2020|2020-05-13|EPI_ISL_525108|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/MB-NML-1121/2020|2020-08-04|EPI_ISL_582456|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC22617/2020|2020-11-10|EPI_ISL_737190|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-16E5A6/2020|2020-09-30|EPI_ISL_585738|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10161/2020|2020-06-22|EPI_ISL_672238|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Bahrain/340859913_S11/2020|2020-10-14|EPI_ISL_632278|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Australia/VIC13950/2020|2020-07-17|EPI_ISL_563890|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E6A63/2020|2020-09-24|EPI_ISL_580475|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0417/2020|2020-04-13|EPI_ISL_626398|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/NORT-29CD1F/2020|2020-05-01|EPI_ISL_499790|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B46689/2020|2020-11-07|EPI_ISL_656053|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036761214/2020|2020-11-03|EPI_ISL_682173|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-74592B/2020|2020-06-29|EPI_ISL_557405|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5A376F/2020|2020-06-14|EPI_ISL_558686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7685/2020|2020-08-00|EPI_ISL_686787|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CDPH213/2020|2020-11-15|EPI_ISL_755069|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Denmark/DCGC-13939/2020|2020-11-30|EPI_ISL_711085|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14871/2020|2020-10-13|EPI_ISL_786355|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4040/2020|2020-09-14|EPI_ISL_615814|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-123003/2020|2020-12-21|EPI_ISL_779798|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMC-A653CA/2020|2020-10-10|EPI_ISL_608360|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2608/2020|2020-07-01|EPI_ISL_515011|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/Overijssel_28/2020|2020-03-16|EPI_ISL_460817|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC10363/2020|2020-08-14|EPI_ISL_562891|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A209C9/2020|2020-10-01|EPI_ISL_587589|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG396374/2020|2020-06-11|EPI_ISL_694828|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/EDB11321/2020|2020-12-24|EPI_ISL_763447|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11678/2020|2020-09-24|EPI_ISL_625490|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Bahrain/341033460/2020|2020-11-15|EPI_ISL_684033|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/USA/VA-DCLS-2199/2020|2020-11-04|EPI_ISL_734252|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-11057/2020|2020-11-02|EPI_ISL_670369|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-16016/2020|2020-07-10|EPI_ISL_785700|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-998374/2020|2020-08-26|EPI_ISL_568355|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-205/2020|2020-05-26|EPI_ISL_523187|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9C7190/2020|2020-09-08|EPI_ISL_573285|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10212/2020|2020-06-09|EPI_ISL_484700|Original|hCoV-19^^Belgium|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/SHEF-C674D/2020|2020-05-20|EPI_ISL_479221|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/BW-MVZ-LS-34/2020|2020-04-08|EPI_ISL_640251|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/Scotland/CVR5695/2020|2020-11-09|EPI_ISL_651916|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1915/2020|2020-03-16|EPI_ISL_604200|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-4A21FA/2020|2020-12-14|EPI_ISL_743861|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96C79B/2020|2020-08-21|EPI_ISL_534561|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2512/2020|2020-06-17|EPI_ISL_497144|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC3509/2020|2020-07-07|EPI_ISL_520264|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-ACTREC-311/2020|2020-07-15|EPI_ISL_723051|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-1474/2020|2020-06-22|EPI_ISL_622267|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7354/2020|2020-08-00|EPI_ISL_688456|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9EA416/2020|2020-09-24|EPI_ISL_579941|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9983DE/2020|2020-08-25|EPI_ISL_539901|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4884F1/2020|2020-10-29|EPI_ISL_639401|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hungary/UD-90381/2020|2020-10-03|EPI_ISL_671463|Original|hCoV-19^^Veszpr\u00e9m county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/WI-UW-313/2020|2020-04-16|EPI_ISL_436607|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/AZ-TG276146/2020|2020-04-09|EPI_ISL_694091|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/UT-UPHL-2009520/2020|2020-07-19|EPI_ISL_605201|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12932/2020|2020-08-18|EPI_ISL_788084|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-103C44/2020|2020-04-16|EPI_ISL_489237|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1227/2020|2020-04-00|EPI_ISL_684837|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG519200/2020|2020-07-01|EPI_ISL_695370|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/TAS18/2020|2020-04-13|EPI_ISL_522630|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS2137806/2020|2020-11-06|EPI_ISL_740066|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-9CB712/2020|2020-09-16|EPI_ISL_575520|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6553/2020|2020-09-25|EPI_ISL_580526|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B59A4/2020|2020-07-29|EPI_ISL_514446|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0267/2020|2020-10-13|EPI_ISL_629048|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/NORW-EFC9A/2020|2020-12-05|EPI_ISL_725111|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-9FDE8B/2020|2020-10-01|EPI_ISL_587787|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A314C4/2020|2020-10-05|EPI_ISL_595895|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC14959/2020|2020-08-18|EPI_ISL_593082|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/ULG-10898/2020|2020-11-14|EPI_ISL_678440|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUH-9B55D5/2020|2020-09-03|EPI_ISL_590232|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10846/2020|2020-10-28|EPI_ISL_666881|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/PORT-2D2C01/2020|2020-04-04|EPI_ISL_517516|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG569513/2020|2020-07-11|EPI_ISL_695595|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-1AE601/2020|2020-04-30|EPI_ISL_459418|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C7FEBB/2020|2020-12-16|EPI_ISL_762801|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201161147/2020|2020-03-11|EPI_ISL_464813|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-74F82/2020|2020-03-17|EPI_ISL_440392|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/France/OCC-85/2020|2020-09-30|EPI_ISL_593893|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/England/MILK-9AAE14/2020|2020-08-26|EPI_ISL_551055|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B77B44/2020|2020-11-10|EPI_ISL_661734|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124F52F/2020|2020-10-02|EPI_ISL_664479|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14856/2020|2020-10-13|EPI_ISL_786340|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B9EAE0/2020|2020-11-18|EPI_ISL_719958|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BF1B/2020|2020-11-08|EPI_ISL_666370|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2EA7AB/2020|2020-00-00|EPI_ISL_703668|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-248/2020|2020-04-01|EPI_ISL_469176|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Japan/PG-0913/2020|2020-04-00|EPI_ISL_684523|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9B6659/2020|2020-08-28|EPI_ISL_573023|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Chile/RM-110750/2020|2020-06-25|EPI_ISL_746565|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/MO-CDC-2-3714099/2020|2020-11-09|EPI_ISL_751635|Original|hCoV-19^^Missouri|Human|MO State Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-4891CC/2020|2020-11-01|EPI_ISL_639547|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B517C4/2020|2020-11-05|EPI_ISL_658124|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ADCF1/2020|2020-05-05|EPI_ISL_448050|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/USA/WA-S2322/2020|2020-06-11|EPI_ISL_496954|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/LIVE-A877E/2020|2020-03-26|EPI_ISL_517208|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NORT-295E5F/2020|2020-03-31|EPI_ISL_478663|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F665D/2020|2020-09-25|EPI_ISL_588442|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04539/2020|2020-05-22|EPI_ISL_575163|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FA79B/2020|2020-03-30|EPI_ISL_441696|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/BRIS-129CA2/2020|2020-04-15|EPI_ISL_458419|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7E2C0/2020|2020-11-14|EPI_ISL_727851|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B89A06/2020|2020-11-13|EPI_ISL_675966|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E724C/2020|2020-09-24|EPI_ISL_580460|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204361198/2020|2020-10-22|EPI_ISL_637120|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1770/2020|2020-09-16|EPI_ISL_605642|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-48CCD7/2020|2020-11-08|EPI_ISL_666528|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB5973/2020|2020-05-04|EPI_ISL_526487|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1203/2020|2020-08-06|EPI_ISL_536576|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/Netherlands/GE-RIVM-10329/2020|2020-03-22|EPI_ISL_636499|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Wales/ALDP-AA4927/2020|2020-10-21|EPI_ISL_624484|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/PV-IBV-000935/2020|2020-03-27|EPI_ISL_452637|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Denmark/DCGC-3678/2020|2020-09-07|EPI_ISL_615453|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/NY-QDX-1258/2020|2020-03-16|EPI_ISL_572022|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Denmark/DCGC-15178/2020|2020-11-23|EPI_ISL_713677|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Iceland/136/2020|2020-03-12|EPI_ISL_417789|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland
>Spike|hCoV-19/England/CAMC-B34044/2020|2020-11-05|EPI_ISL_659693|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/MH-ACTREC-384/2020|2020-07-27|EPI_ISL_700033|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Italy/VEN-IZSve-10-41/2020|2020-03-22|EPI_ISL_452181|Original|hCoV-19^^Veneto|Human|ULSS9 Distretto di Bussolengo|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy
>Spike|hCoV-19/Japan/PG-1212/2020|2020-04-00|EPI_ISL_684822|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/SAP376/2020|2020-03-21|EPI_ISL_492141|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Spike|hCoV-19/Japan/PG-1688/2020|2020-05-00|EPI_ISL_685294|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMC-B36543/2020|2020-11-05|EPI_ISL_649482|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR4969/2020|2020-10-01|EPI_ISL_594733|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/WA-UW-23752/2020|2020-08-10|EPI_ISL_570598|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/VA-DCLS-0437/2020|2020-05-02|EPI_ISL_477653|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/ALDP-4FFC66/2020|2020-06-24|EPI_ISL_559199|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-BB5764/2020|2020-11-20|EPI_ISL_703163|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-001312/2020|2020-11-10|EPI_ISL_683963|Original|hCoV-19^^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/USA/TX-HMH-6806/2020|2020-06-24|EPI_ISL_546256|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-250120/2020|2020-08-14|EPI_ISL_535628|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV0379v2/2020|2020-05-08|EPI_ISL_644255|Original|hCoV-19^^Wicklow|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/ALDP-CB3BD2/2020|2020-12-17|EPI_ISL_761208|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00807/2020|2020-05-26|EPI_ISL_692893|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Wales/PHWC-15CF43/2020|2020-05-04|EPI_ISL_472643|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC9277/2020|2020-00-00|EPI_ISL_565479|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-8479/2020|2020-06-08|EPI_ISL_618037|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S898/2020|2020-04-12|EPI_ISL_586473|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/AZ-TG371337/2020|2020-05-22|EPI_ISL_694581|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Gibraltar/205121223/2020|2020-00-00|EPI_ISL_766349|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Canada/QC-LSPQ-L00230666/2020|2020-03-21|EPI_ISL_535927|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-B1DB5F/2020|2020-11-01|EPI_ISL_646066|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-1307/2020|2020-03-24|EPI_ISL_420621|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-8E036F/2020|2020-06-23|EPI_ISL_556992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF24ED/2020|2020-10-30|EPI_ISL_662708|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2813/2020|2020-04-00|EPI_ISL_690940|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-450/2020|2020-06-17|EPI_ISL_484825|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-C44D49/2020|2020-12-10|EPI_ISL_718467|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-110F5A/2020|2020-04-21|EPI_ISL_448439|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Canada/ON-SB-09/2020|2020-10-23|EPI_ISL_755748|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Switzerland/VS-ETHZ-410899/2020|2020-11-30|EPI_ISL_737871|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-UW-3832/2020|2020-03-26|EPI_ISL_427185|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-956925/2020|2020-06-06|EPI_ISL_554274|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-962012/2020|2020-08-10|EPI_ISL_531606|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC71B/2020|2020-09-24|EPI_ISL_580354|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW502/2020|2020-03-20|EPI_ISL_455042|Original|hCoV-19^^New South Wales|Human|ACT Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC6206/2020|2020-07-23|EPI_ISL_518207|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21962/2020|2020-06-23|EPI_ISL_566013|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Germany/HH-hpi-p1799/2020|2020-03-20|EPI_ISL_776167|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUA-AAAFB6/2020|2020-10-20|EPI_ISL_652763|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_193/2020|2020-04-28|EPI_ISL_461365|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-8640/2020|2020-07-01|EPI_ISL_780669|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1560/2020|2020-04-04|EPI_ISL_438840|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18394/2020|2020-12-07|EPI_ISL_749938|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0408/2020|2020-05-14|EPI_ISL_489817|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BRIS-12D260/2020|2020-05-04|EPI_ISL_481835|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0340/2020|2020-09-10|EPI_ISL_609812|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/NOTT-121871/2020|2020-12-23|EPI_ISL_763663|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/MILK-993A29/2020|2020-08-26|EPI_ISL_552334|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/G-NVRL-78IRL71368/2020|2020-11-23|EPI_ISL_752554|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Japan/PG-5409/2020|2020-08-00|EPI_ISL_690512|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14990/2020|2020-10-16|EPI_ISL_786474|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16534B/2020|2020-05-03|EPI_ISL_479453|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC15523/2020|2020-09-30|EPI_ISL_593348|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-0238/2020|2020-04-26|EPI_ISL_480889|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-77CB5/2020|2020-04-01|EPI_ISL_440849|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-C438A3/2020|2020-12-10|EPI_ISL_719030|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9CF505/2020|2020-09-17|EPI_ISL_601963|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0094/2020|2020-05-19|EPI_ISL_698286|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC3832/2020|2020-07-13|EPI_ISL_520545|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/Utrecht_38/2020|2020-04-12|EPI_ISL_461236|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/LA-EVTL433/2020|2020-06-11|EPI_ISL_578839|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-C3A6F0/2020|2020-12-09|EPI_ISL_731268|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-77679/2020|2020-09-24|EPI_ISL_693511|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/CO-CDPHE-2005060769/2020|2020-05-05|EPI_ISL_771228|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-4945B3/2020|2020-11-20|EPI_ISL_726138|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B0E395/2020|2020-11-02|EPI_ISL_642199|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0367/2020|2020-12-19|EPI_ISL_733561|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Canada/ON-PHL-20-01230/2020|2020-06-00|EPI_ISL_548852|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Taiwan/TSGH-04/2020|2020-03-17|EPI_ISL_426632|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/England/CAMB-75AF9/2020|2020-03-29|EPI_ISL_438319|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-32540/2020|2020-11-09|EPI_ISL_661153|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-S1339/2020|2020-05-13|EPI_ISL_495789|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-7D3C9/2020|2020-04-06|EPI_ISL_441614|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-4535/2020|2020-07-00|EPI_ISL_689673|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC8436/2020|2020-07-28|EPI_ISL_565010|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/204980417/2020|2020-00-00|EPI_ISL_710516|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-BC461A/2020|2020-11-25|EPI_ISL_703657|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410541/2020|2020-11-26|EPI_ISL_737922|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9ED5C5/2020|2020-05-08|EPI_ISL_589299|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A929D1/2020|2020-10-19|EPI_ISL_611225|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D8BBC/2020|2020-09-18|EPI_ISL_576654|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11717/2020|2020-09-02|EPI_ISL_790093|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-130B32/2020|2020-03-13|EPI_ISL_492675|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC-CBA6/2020|2020-04-08|EPI_ISL_430066|Original|hCoV-19^^Victoria|Human|Geelong Centre for Emerging Infectious Diseases|Geelong Centre for Emerging Infectious Diseases|Alexandersen|Australia

>Spike|hCoV-19/USA/WI-UW-1646/2020|2020-09-09|EPI_ISL_605520|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Saudi Arabia/KAIMRC62/2020|2020-04-01|EPI_ISL_507026|unknown|hCoV-19^^Saudi Arabia|Human|unknown|Infectious Diseases Research|Submitter|Saudi Arabia

>Spike|hCoV-19/USA/MA-MGH-02979/2020|2020-07-10|EPI_ISL_765670|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/BRIS-1853D75/2020|2020-04-27|EPI_ISL_492370|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3624/2020|2020-06-15|EPI_ISL_543077|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B51F35/2020|2020-11-08|EPI_ISL_657992|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB73B/2020|2020-11-19|EPI_ISL_664446|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-805CD/2020|2020-04-09|EPI_ISL_470523|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16061/2020|2020-08-04|EPI_ISL_641074|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-14657/2020|2020-11-23|EPI_ISL_711154|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17633/2020|2020-12-14|EPI_ISL_751114|Original|hCoV-19^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6850/2020|2020-09-00|EPI_ISL_687958|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20418/2020|2020-12-21|EPI_ISL_759136|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-658A7E/2020|2020-07-03|EPI_ISL_557986|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-260064/2020|2020-08-23|EPI_ISL_539389|Original|hCoV-19^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH0191/2020|2020-03-23|EPI_ISL_434866|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/GE-RIVM-20529/2020|2020-12-04|EPI_ISL_728744|Original|hCoV-19^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUH-C145B3/2020|2020-12-06|EPI_ISL_709367|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16524/2020|2020-11-16|EPI_ISL_714813|Original|hCoV-19^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/0528/2020|2020-04-30|EPI_ISL_471161|Original|hCoV-19^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Palestine/30/2020|2020-03-31|EPI_ISL_596515|Original|hCoV-19^Bethlehem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/England/EXET-13DA0B/2020|2020-00-00|EPI_ISL_724272|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/NORW-F9E00/2020|2020-12-14|EPI_ISL_741600|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6596/2020|2020-10-12|EPI_ISL_619644|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-03811/2020|2020-11-00|EPI_ISL_775022|Original|hCoV-19^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Canada/QC-LSPQ-L00239865/2020|2020-03-26|EPI_ISL_536257|Original|hCoV-19^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-21887/2020|2020-12-21|EPI_ISL_758432|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1969/2020|2020-03-25|EPI_ISL_776292|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-A58D53/2020|2020-10-08|EPI_ISL_596947|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1791/2020|2020-09-16|EPI_ISL_644875|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/LIVE-9BF3A/2020|2020-03-26|EPI_ISL_449490|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-81C03/2020|2020-04-13|EPI_ISL_442602|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Ecuador/UEES-A001/2020|2020-00-00|EPI_ISL_672009|Original|hCoV-19^^Ecuador|Human|UEES BioLab|Omics Sciences Laboratory|Fernandez Cadena|Ecuador

>Spike|hCoV-19/Denmark/DCGC-22417/2020|2020-12-14|EPI_ISL_757551|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7554/2020|2020-09-00|EPI_ISL_686656|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-96AA3A/2020|2020-08-17|EPI_ISL_531316|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0124/2020|2020-03-23|EPI_ISL_453840|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-563A62/2020|2020-06-10|EPI_ISL_558252|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036825929/2020|2020-11-06|EPI_ISL_728419|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Wales/PHWC-15CB8B/2020|2020-04-21|EPI_ISL_472589|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3714/2020|2020-06-16|EPI_ISL_543131|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/GE-RIVM-20299/2020|2020-11-12|EPI_ISL_723438|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/GSTT-265DC9B/2020|2020-03-21|EPI_ISL_484089|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Chile/RM-ISPCH-36/2020|2020-03-19|EPI_ISL_445315|Original|hCoV-19^^Region Metropolitana de Santiago|Human|CLINICA UC SAN CARLOS DE APOQUINDO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/QEUEH-AD0658/2020|2020-10-24|EPI_ISL_629873|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C52CD2/2020|2020-12-12|EPI_ISL_736381|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162B0A/2020|2020-05-29|EPI_ISL_473163|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3090/2020|2020-06-09|EPI_ISL_543988|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/DRC/80/2020|2020-03-18|EPI_ISL_417942|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-626C28/2020|2020-07-05|EPI_ISL_557868|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV_0052/2020|2020-03-09|EPI_ISL_424879|Original|hCoV-19^^Nevada|Human|NV-Southern Nevada Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMC-B784B1/2020|2020-11-11|EPI_ISL_783522|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130D4B/2020|2020-03-23|EPI_ISL_492660|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7739/2020|2020-10-19|EPI_ISL_618716|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-1658/2020|2020-04-01|EPI_ISL_494720|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-21115/2020|2020-12-21|EPI_ISL_759560|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A81234/2020|2020-10-14|EPI_ISL_610734|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0505/2020|2020-06-10|EPI_ISL_508708|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-6328/2020|2020-09-14|EPI_ISL_615896|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-L9-CD127/2020|2020-03-24|EPI_ISL_476476|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/CAMC-B220A3/2020|2020-11-02|EPI_ISL_645927|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5997/2020|2020-09-28|EPI_ISL_621106|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-283B4E/2020|2020-04-03|EPI_ISL_488502|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62371/2020|2020-11-09|EPI_ISL_656569|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1548/2020|2020-03-18|EPI_ISL_603795|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-21051/2020|2020-12-21|EPI_ISL_758933|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-BIE-096/2020|2020-04-06|EPI_ISL_426627|Original|hCoV-19^^Louisiana|Human|Ochsner Health|BioInfoExperts|Cross|USA

>Spike|hCoV-19/England/QEUH-CC2A00/2020|2020-12-21|EPI_ISL_760675|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B0B67/2020|2020-05-15|EPI_ISL_452945|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17384/2020|2020-12-14|EPI_ISL_750946|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-480B9A/2020|2020-10-16|EPI_ISL_612980|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A40ED3/2020|2020-10-07|EPI_ISL_609309|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-114/2020|2020-03-21|EPI_ISL_475074|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/MILK-BDC64C/2020|2020-11-27|EPI_ISL_709766|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204291982/2020|2020-10-09|EPI_ISL_613633|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20167581/2020|2020-12-17|EPI_ISL_765980|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Spain/AN-IBV-001920/2020|2020-03-17|EPI_ISL_467069|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e1diz - INIBICA|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-4A9A9E/2020|2020-06-10|EPI_ISL_559652|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-488/2020|2020-00-00|EPI_ISL_577918|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-Wadsworth-281393-01/2020|2020-10-26|EPI_ISL_734462|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-3056/2020|2020-04-16|EPI_ISL_543962|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR5659/2020|2020-11-04|EPI_ISL_651890|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1962/2020|2020-06-26|EPI_ISL_512265|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MT-RML-8/2020|2020-07-19|EPI_ISL_591055|Original|hCoV-19^^Montana|Human|Virus Ecology|Virus Ecology|Martens|USA

>Spike|hCoV-19/USA/NY-NYUMC896/2020|2020-04-28|EPI_ISL_467389|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-9238/2020|2020-11-16|EPI_ISL_668865|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH0371/2020|2020-03-25|EPI_ISL_434962|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9D46BF/2020|2020-09-19|EPI_ISL_601573|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1D6F8D/2020|2020-09-17|EPI_ISL_572908|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-B7FD91/2020|2020-11-14|EPI_ISL_668132|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-562C7C/2020|2020-06-10|EPI_ISL_558356|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1251162/2020|2020-11-14|EPI_ISL_665758|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5264460/2020|2020-12-18|EPI_ISL_744211|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Canada/ON-PHL-20-03619/2020|2020-11-00|EPI_ISL_775126|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/20134015504/2020|2020-03-25|EPI_ISL_423085|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC8496/2020|2020-08-19|EPI_ISL_565052|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-485C83/2020|2020-10-25|EPI_ISL_627011|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP11D01N/2020|2020-03-16|EPI_ISL_427591|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/South Korea/KDCA0105/2020|2020-09-19|EPI_ISL_747341|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-19794/2020|2020-11-23|EPI_ISL_784131|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/GA-QDX-2571/2020|2020-03-14|EPI_ISL_604931|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/IC-0336/2020|2020-11-00|EPI_ISL_721583|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-5205/2020|2020-08-00|EPI_ISL_690308|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MGH-03257/2020|2020-10-16|EPI_ISL_765761|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/AZ-TG311191/2020|2020-05-14|EPI_ISL_694319|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/QEUA-A4BD17/2020|2020-10-05|EPI_ISL_628524|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-956A7D/2020|2020-06-05|EPI_ISL_554236|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6573/2020|2020-12-06|EPI_ISL_775395|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Scotland/CVR2376/2020|2020-04-13|EPI_ISL_490688|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC8114/2020|2020-08-12|EPI_ISL_564857|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG408161/2020|2020-06-15|EPI_ISL_694913|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/WA-S1003/2020|2020-04-29|EPI_ISL_463493|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A936AC/2020|2020-10-20|EPI_ISL_610982|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3999/2020|2020-06-17|EPI_ISL_543286|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A86D5C/2020|2020-10-17|EPI_ISL_606064|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10366/2020|2020-08-07|EPI_ISL_540533|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-ACDBF5/2020|2020-10-21|EPI_ISL_630212|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22467/2020|2020-11-03|EPI_ISL_708569|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/BRIS-12EBA0/2020|2020-04-25|EPI_ISL_488406|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20126008506/2020|2020-03-18|EPI_ISL_423881|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8236/2020|2020-10-26|EPI_ISL_617274|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_197/2020|2020-03-25|EPI_ISL_422732|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-B421C8/2020|2020-11-08|EPI_ISL_657234|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-17985/2020|2020-11-16|EPI_ISL_786133|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-0781/2020|2020-05-21|EPI_ISL_590850|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WI-WSLH-200486/2020|2020-05-20|EPI_ISL_578627|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/WA-S2639/2020|2020-06-20|EPI_ISL_497271|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/QEUA-A2154C/2020|2020-10-01|EPI_ISL_598872|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-004-17/2020|2020-09-26|EPI_ISL_732823|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/MILK-9A7FBA/2020|2020-09-02|EPI_ISL_573250|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98005238/2020|2020-03-29|EPI_ISL_582742|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/NY-NYUMC598/2020|2020-04-03|EPI_ISL_444715|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/UT-UPHL-2009505/2020|2020-07-18|EPI_ISL_605189|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC2877/2020|2020-07-04|EPI_ISL_521708|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-6860/2020|2020-06-25|EPI_ISL_546296|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/WA387/2020|2020-10-16|EPI_ISL_605863|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/BRIS-121ABF/2020|2020-03-17|EPI_ISL_440201|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/205181951/2020|2020-12-17|EPI_ISL_766497|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG532076/2020|2020-07-02|EPI_ISL_695406|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/20098007304/2020|2020-02-26|EPI_ISL_464191|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7645/2020|2020-08-00|EPI_ISL_686747|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Poland/PL_P30/2020|2020-04-01|EPI_ISL_455443|Original|hCoV-19^^Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/USA/ME-HETL-J0084/2020|2020-03-20|EPI_ISL_513494|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/201160007/2020|2020-03-11|EPI_ISL_464774|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-QDX-2588/2020|2020-03-14|EPI_ISL_604924|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-89A847/2020|2020-07-19|EPI_ISL_532652|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B23A0E/2020|2020-11-04|EPI_ISL_646888|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7C409/2020|2020-10-15|EPI_ISL_606427|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11650/2020|2020-10-26|EPI_ISL_671048|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0639/2020|2020-05-07|EPI_ISL_475936|Original|hCoV-19^^Austria|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/TX-DSHS-1933/2020|2020-06-21|EPI_ISL_765928|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19193/2020|2020-11-24|EPI_ISL_783680|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9C86BE/2020|2020-09-11|EPI_ISL_567116|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B76F1C/2020|2020-11-12|EPI_ISL_723828|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-196/2020|2020-03-16|EPI_ISL_436291|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico

Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/USA/TX-HMH-MCoV-13747/2020|2020-08-17|EPI_ISL_788840|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Denmark/DCGC-17393/2020|2020-12-14|EPI_ISL_750953|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/LIVE-DC67B9/2020|2020-11-30|EPI_ISL_705245|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-0641/2020|2020-04-06|EPI_ISL_508845|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/USA/TX-HMH-2388/2020|2020-04-24|EPI_ISL_545280|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Gibraltar/204841748/2020|2020-00-00|EPI_ISL_671315|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19/England/ALDP-A2D2FE/2020|2020-10-06|EPI_ISL_586615|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B229B7/2020|2020-11-02|EPI_ISL_647466|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-1006/2020|2020-02-00|EPI_ISL_684616|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/CVR205/2020|2020-03-19|EPI_ISL_425735|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Jordan/IR-ALSR-5228/2020|2020-10-05|EPI_ISL_730466|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan
>Spike|hCoV-19/Australia/VIC165/2020|2020-03-18|EPI_ISL_419862|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/CA-CSMC7/2020|2020-03-27|EPI_ISL_475684|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA
>Spike|hCoV-19/England/QEUEH-9D0F6D/2020|2020-09-14|EPI_ISL_589879|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-B424B0/2020|2020-11-08|EPI_ISL_657092|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUEH-B7F344/2020|2020-11-14|EPI_ISL_710840|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/un-EMC-755/2020|2020-07-08|EPI_ISL_523511|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/UT-UPHL-201030368/2020|2020-06-19|EPI_ISL_602937|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/QEUEH-9C8B46/2020|2020-09-11|EPI_ISL_567045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-00809/2020|2020-04-13|EPI_ISL_791773|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUA-A9F224/2020|2020-10-20|EPI_ISL_650360|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2762/2020|2020-06-04|EPI_ISL_545536|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10573/2020|2020-07-09|EPI_ISL_789540|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-558/2020|2020-03-13|EPI_ISL_430888|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/GR-RIVM-10081/2020|2020-00-00|EPI_ISL_547467|Original|hCoV-19^^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/WA-UW-3994/2020|2020-03-28|EPI_ISL_427232|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/BC_27279444/2020|2020-03-00|EPI_ISL_463263|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-14566/2020|2020-11-30|EPI_ISL_711841|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A6A50/2020|2020-09-02|EPI_ISL_550232|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9CFBD6/2020|2020-09-16|EPI_ISL_589997|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM1036/2020|2020-04-08|EPI_ISL_583859|Original|hCoV-19^^Austria|Human|Institute for Laboratory Diagnostics and Microbiology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-67654C/2020|2020-07-03|EPI_ISL_558210|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9907DA/2020|2020-08-26|EPI_ISL_551884|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1387/2020|2020-12-11|EPI_ISL_779053|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/SHEF-10D3971/2020|2020-12-21|EPI_ISL_765191|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-A0264E/2020|2020-09-29|EPI_ISL_584918|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Portugal/IGC00009/2020|2020-03-18|EPI_ISL_419386|Original|hCoV-19^^Lisbon|Human|Hospital Prof. Doutor Fernando Fonseca|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/Wuhan/HB-WH3-182/2020|2020-03-02|EPI_ISL_454943|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/ALDP-A92968/2020|2020-10-19|EPI_ISL_610997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1635/2020|2020-03-00|EPI_ISL_685241|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR5500/2020|2020-10-30|EPI_ISL_650507|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/SHEF-C8C4C/2020|2020-04-22|EPI_ISL_453732|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/EDB1067/2020|2020-04-06|EPI_ISL_456890|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC7961/2020|2020-08-06|EPI_ISL_564772|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A41054/2020|2020-10-06|EPI_ISL_609428|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99E29F/2020|2020-08-31|EPI_ISL_550708|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1253/2020|2020-04-12|EPI_ISL_454673|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/WA-S2474/2020|2020-06-16|EPI_ISL_497106|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-CZB-11959/2020|2020-10-07|EPI_ISL_625661|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Netherlands/UT-EMC-106/2020|2020-09-28|EPI_ISL_632531|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-34971/2020|2020-04-17|EPI_ISL_474409|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-A008A4/2020|2020-10-02|EPI_ISL_600253|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7925/2020|2020-10-26|EPI_ISL_617103|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9AD2E8/2020|2020-09-05|EPI_ISL_559824|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11399/2020|2020-09-06|EPI_ISL_789990|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20506/2020|2020-05-08|EPI_ISL_460554|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-QDX-100/2020|2020-03-12|EPI_ISL_468576|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/RI-IBV-99010986/2020|2020-08-18|EPI_ISL_732809|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/OXON-B0236/2020|2020-04-19|EPI_ISL_478868|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM92201540/2020|2020-11-17|EPI_ISL_753365|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/WA-S914/2020|2020-04-27|EPI_ISL_463404|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Romania/Buzau-293197/2020|2020-06-03|EPI_ISL_471419|Original|hCoV-19^^Buzau|Human|Laboratory for Respiratory Viruses|Cantacuzino Institute|Lazar|Romania

>Spike|hCoV-19/England/NORW-F3A5D/2020|2020-12-06|EPI_ISL_725153|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-B74CAE/2020|2020-11-12|EPI_ISL_661982|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0387/2020|2020-05-31|EPI_ISL_542448|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Canada/ON-OICR-SLB2820/2020|2020-04-02|EPI_ISL_538348|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Ireland/CO-NVRL-75IRL33101/2020|2020-10-07|EPI_ISL_671873|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-18395/2020|2020-11-18|EPI_ISL_784743|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-20-00059/2020|2020-00-00|EPI_ISL_548735|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-A45B31/2020|2020-10-06|EPI_ISL_598604|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9758/2020|2020-07-06|EPI_ISL_780257|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7DFA7/2020|2020-04-07|EPI_ISL_442294|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13124/2020|2020-08-27|EPI_ISL_788275|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/NI-HCRI-BrZK-1/2020|2020-04-27|EPI_ISL_491115|Vero|hCoV-19^^Lower Saxony|Human|Cicin-Sain Lab|Cicin-Sain Lab|Chaudhry|Germany

>Spike|hCoV-19/England/ALDP-9FC815/2020|2020-10-01|EPI_ISL_587999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4084/2020|2020-08-31|EPI_ISL_535174|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31552/2020|2020-04-12|EPI_ISL_446460|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-48548B/2020|2020-05-10|EPI_ISL_559678|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9A572D/2020|2020-09-03|EPI_ISL_550003|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2974/2020|2020-04-02|EPI_ISL_488990|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-AR46/2020|2020-05-23|EPI_ISL_508190|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/CA-CZB-7152/2020|2020-09-09|EPI_ISL_582934|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-A60B5E/2020|2020-10-12|EPI_ISL_665492|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Austria/CeMM0558/2020|2020-03-16|EPI_ISL_475909|Original|hCoV-19^^Austria|Human|Zentralinstitut für medizinische und chemische Labordiagnostik|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Iceland/301/2020|2020-03-18|EPI_ISL_417630|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|Jónsson|Iceland

>Spike|hCoV-19/USA/IL-NM021/2020|2020-03-15|EPI_ISL_444531|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/MI-QDX-463/2020|2020-03-22|EPI_ISL_571198|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/OXON-ACA08/2020|2020-04-07|EPI_ISL_448502|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-9BCD6D/2020|2020-09-09|EPI_ISL_573074|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493903/2020|2020-11-30|EPI_ISL_725957|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1017/2020|2020-07-16|EPI_ISL_582383|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Japan/PG-8020/2020|2020-08-00|EPI_ISL_687121|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-NIV-229468/2020|2020-09-28|EPI_ISL_577680|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Singapore/916/2020|2020-03-21|EPI_ISL_538443|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Wales/PHWC-164995/2020|2020-06-10|EPI_ISL_479330|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E1E1/2020|2020-10-06|EPI_ISL_586697|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9FB49A/2020|2020-09-29|EPI_ISL_600605|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM45843117/2020|2020-12-03|EPI_ISL_753595|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/204961142/2020|2020-12-03|EPI_ISL_700694|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-PV08136/2020|2020-03-17|EPI_ISL_421358|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/ALDP-BBA79C/2020|2020-11-19|EPI_ISL_701927|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-69E4C9/2020|2020-07-02|EPI_ISL_551813|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/SB-0407394/2020|2020-04-07|EPI_ISL_462248|Original|hCoV-19^^Berg|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/QLD1213/2020|2020-03-22|EPI_ISL_639804|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Netherlands/ZH-EMC-800/2020|2020-10-14|EPI_ISL_632679|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-QDX-780/2020|2020-03-19|EPI_ISL_571566|Original|hCoV-19^^Wisconsin|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-3218/2020|2020-04-00|EPI_ISL_691336|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NM-DOH-2020315682/2020|2020-08-27|EPI_ISL_732713|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/MILK-B38417/2020|2020-11-01|EPI_ISL_658962|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C10C4/2020|2020-05-09|EPI_ISL_492854|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-127C3B/2020|2020-04-17|EPI_ISL_469562|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005931/2020|2020-03-28|EPI_ISL_537466|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8288/2020|2020-08-00|EPI_ISL_687387|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-C4380D/2020|2020-12-10|EPI_ISL_719243|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B522E0/2020|2020-11-08|EPI_ISL_656800|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovakia/UKBA-607/2020|2020-11-30|EPI_ISL_788984|Original|hCoV-19^^Bratislava|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

>Spike|hCoV-19/United Arab Emirates/H2/2020|2020-04-26|EPI_ISL_528714|Original|hCoV-19^^Abu Dhabi|Human|Alsafar - Khalifa University Abu Dhabi|Alsafar - Khalifa University Abu Dhabi|Daw Elbait|United Arab Emirates

>Spike|hCoV-19/France/PAC-IHU-0248/2020|2020-03-30|EPI_ISL_569408|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Wales/PHWC-4A18AB/2020|2020-12-11|EPI_ISL_743739|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-130F81/2020|2020-03-24|EPI_ISL_501610|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B318/2020|2020-09-16|EPI_ISL_560273|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A68F96/2020|2020-10-12|EPI_ISL_608481|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00331/2020|2020-05-04|EPI_ISL_693187|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Australia/VIC7544/2020|2020-07-23|EPI_ISL_564487|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/201620058/2020|2020-04-12|EPI_ISL_466401|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/GSTT-265D18D/2020|2020-03-14|EPI_ISL_483919|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C879/2020|2020-10-15|EPI_ISL_608264|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96D484/2020|2020-08-20|EPI_ISL_534536|Original|hCoV-19^^Scotland|Human|NHSGCC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13702/2020|2020-11-30|EPI_ISL_712331|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC135/2020|2020-04-01|EPI_ISL_424942|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-9C43F7/2020|2020-09-09|EPI_ISL_566984|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA9-UW6/2020|2020-03-01|EPI_ISL_413487|Original|hCoV-19^^Washington|Human|Harborview Medical Center|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-94E42F/2020|2020-06-17|EPI_ISL_555450|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A79457/2020|2020-10-14|EPI_ISL_639000|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/MH-NIV-152698/2020|2020-08-06|EPI_ISL_541703|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/England/MILK-9E1303/2020|2020-09-21|EPI_ISL_577070|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-AD14E4/2020|2020-10-26|EPI_ISL_633824|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B699A5/2020|2020-11-11|EPI_ISL_661496|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3817/2020|2020-06-00|EPI_ISL_692068|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Mexico/BCN-ALSR-2533/2020|2020-06-23|EPI_ISL_635536|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Northern Ireland/QEUA-96DC6E/2020|2020-08-20|EPI_ISL_530794|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1128/2020|2020-08-13|EPI_ISL_522886|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/QEUA-9FA932/2020|2020-09-29|EPI_ISL_600610|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-2258/2020|2020-10-07|EPI_ISL_728027|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15123/2020|2020-10-18|EPI_ISL_786607|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/BRE-BR9062/2020|2020-09-02|EPI_ISL_613551|Original|hCoV-19^^Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie\n2|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-CB38AE/2020|2020-12-17|EPI_ISL_761319|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9D1C83/2020|2020-09-14|EPI_ISL_573684|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-567D0B/2020|2020-06-11|EPI_ISL_558369|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC135/2020|2020-03-26|EPI_ISL_475613|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/MILK-974666/2020|2020-08-17|EPI_ISL_575779|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-992723/2020|2020-08-27|EPI_ISL_551940|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205140701/2020|2020-12-14|EPI_ISL_766400|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/IC-0207/2020|2020-07-00|EPI_ISL_667636|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-97010099/2020|2020-03-23|EPI_ISL_779772|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-1807/2020|2020-08-03|EPI_ISL_613903|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-B39A9C/2020|2020-11-02|EPI_ISL_650219|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUA-A8C1E1/2020|2020-10-17|EPI_ISL_643158|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n2440/2020|2020-03-07|EPI_ISL_649096|Original|hCoV-19^^Rishon-Letsion|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Netherlands/NA_5/2020|2020-00-00|EPI_ISL_415494|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-4A56AD/2020|2020-12-15|EPI_ISL_764903|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Jamaica/JM-CDC-7286/2020|2020-03-17|EPI_ISL_450799|Original|hCoV-19^^Jamaica|Human|Jamaica Ministry of Health and Wellness|Pathogen Discovery|Queen|Jamaica

>Spike|hCoV-19/Australia/VIC955/2020|2020-03-26|EPI_ISL_430643|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A1DCA8/2020|2020-09-29|EPI_ISL_587386|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1325/2020|2020-04-00|EPI_ISL_684933|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3402/2020|2020-07-10|EPI_ISL_521081|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B0F0BB/2020|2020-11-02|EPI_ISL_641651|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/NLE-UANL-036/2020|2020-12-05|EPI_ISL_779197|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio Estatal de Salud P\u00fablica de Nuevo Le\u00f3n|Laboratorio de Infectolog\u00eda Molecular|Gal\u00e9n|Mexico

>Spike|hCoV-19/England/MILK-978732/2020|2020-07-31|EPI_ISL_550513|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493077/2020|2020-11-28|EPI_ISL_725830|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-11277E/2020|2020-04-17|EPI_ISL_490576|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9B12/2020|2020-09-24|EPI_ISL_579937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13DCC9/2020|2020-12-02|EPI_ISL_724286|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD5969/2020|2020-10-26|EPI_ISL_633956|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/345/2020|2020-03-00|EPI_ISL_424369|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/FL-BPHL-2133/2020|2020-05-07|EPI_ISL_653286|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-7337/2020|2020-10-12|EPI_ISL_619308|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B7D6F2/2020|2020-11-14|EPI_ISL_674758|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD579C/2020|2020-10-24|EPI_ISL_634718|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1030/2020|2020-04-18|EPI_ISL_436671|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/UT-UPHL-201007651/2020|2020-04-18|EPI_ISL_594108|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-15417/2020|2020-12-02|EPI_ISL_738641|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WI-WSLH-200698/2020|2020-09-18|EPI_ISL_631455|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMB-1AC506/2020|2020-04-22|EPI_ISL_489419|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/76087/2020|2020-11-00|EPI_ISL_732880|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/Denmark/DCGC-1051/2020|2020-03-16|EPI_ISL_614682|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B21208/2020|2020-11-03|EPI_ISL_647583|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036802363/2020|2020-11-05|EPI_ISL_707846|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Israel/CVL-n25794/2020|2020-07-19|EPI_ISL_514268|Original|hCoV-19^^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/TX-HMH-MCoV-13899/2020|2020-08-17|EPI_ISL_787191|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/DE-DHSS-F1016592/2020|2020-10-14|EPI_ISL_708392|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/BRIS-126A9C/2020|2020-04-10|EPI_ISL_459090|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20136015502/2020|2020-03-24|EPI_ISL_420520|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-BAAAC3/2020|2020-11-17|EPI_ISL_681403|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC7516-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482636|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Australia/VIC6422/2020|2020-07-23|EPI_ISL_521213|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-491B69/2020|2020-11-11|EPI_ISL_706748|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1622/2020|2020-09-24|EPI_ISL_605492|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-B8D71A/2020|2020-11-13|EPI_ISL_674100|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B250CE/2020|2020-11-04|EPI_ISL_646662|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B373A2/2020|2020-11-05|EPI_ISL_645237|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1231/2020|2020-04-00|EPI_ISL_684841|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12E663/2020|2020-04-20|EPI_ISL_488418|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9D48C8/2020|2020-09-18|EPI_ISL_601763|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-320415/2020|2020-10-12|EPI_ISL_737890|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/SHEF-10D2FAD/2020|2020-12-16|EPI_ISL_727961|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NOTT-111D04/2020|2020-06-05|EPI_ISL_472398|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9CDF90/2020|2020-09-16|EPI_ISL_566312|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/UE06-28-04/2020|2020-04-27|EPI_ISL_514430|Original|hCoV-19^^Serbia|Human|Laboratory Diagnostic|Laboratory Diagnostic|Submitter|Serbia

>Spike|hCoV-19/USA/MA-MGH-00468/2020|2020-04-04|EPI_ISL_460385|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Denmark/DCGC-7482/2020|2020-10-12|EPI_ISL_619403|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A57D7/2020|2020-12-16|EPI_ISL_764922|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-BAAA1E/2020|2020-11-17|EPI_ISL_681550|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14920/2020|2020-11-27|EPI_ISL_739216|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/BRIS-122DB5/2020|2020-04-03|EPI_ISL_440649|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-47399-01/2020|2020-04-14|EPI_ISL_676855|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/VIC3802/2020|2020-07-13|EPI_ISL_520519|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9BAA3B/2020|2020-09-07|EPI_ISL_573618|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Oman/8556/2020|2020-04-02|EPI_ISL_491121|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/England/MILK-B39786/2020|2020-10-31|EPI_ISL_679639|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8C275/2020|2020-10-17|EPI_ISL_643179|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-ED801/2020|2020-00-00|EPI_ISL_490498|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11640/2020|2020-09-08|EPI_ISL_790072|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-6965/2020|2020-09-02|EPI_ISL_582900|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-5803/2020|2020-08-00|EPI_ISL_688921|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Norway/4760/2020|2020-10-21|EPI_ISL_775480|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/CA-QDX-695/2020|2020-03-20|EPI_ISL_571414|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Poland/PL_P46/2020|2020-04-16|EPI_ISL_492071|Original|hCoV-19^^Mazowieckie|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/Denmark/DCGC-16678/2020|2020-11-09|EPI_ISL_714909|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-9612/2020|2020-06-30|EPI_ISL_780183|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/NW-HHU-295/2020|2020-10-01|EPI_ISL_770770|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/BRIS-129774/2020|2020-03-31|EPI_ISL_458828|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45AF7/2020|2020-11-07|EPI_ISL_656098|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10DEBD/2020|2020-03-07|EPI_ISL_425463|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDA3F/2020|2020-05-05|EPI_ISL_580851|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00261/2020|2020-04-17|EPI_ISL_791696|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/FL-BPHL-0682/2020|2020-03-26|EPI_ISL_509740|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/South Africa/KRISP-K004031/2020|2020-10-12|EPI_ISL_635012|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Jordan/AM-ALSR-4087/2020|2020-10-03|EPI_ISL_636447|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/QEUH-B317F7/2020|2020-11-04|EPI_ISL_676407|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1693/2020|2020-05-29|EPI_ISL_471623|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-519D17/2020|2020-06-02|EPI_ISL_559014|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6320/2020|2020-07-26|EPI_ISL_518308|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Korea/KCDC2666/2020|2020-05-27|EPI_ISL_522448|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMC-B7A7D4/2020|2020-11-12|EPI_ISL_741142|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32F17/2020|2020-04-14|EPI_ISL_446709|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-98001109/2020|2020-03-29|EPI_ISL_538172|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Netherlands/Gelderland_100/2020|2020-05-21|EPI_ISL_460861|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-90C7AC/2020|2020-06-22|EPI_ISL_551533|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-102/2020|2020-09-17|EPI_ISL_722822|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/AZ-TG395907/2020|2020-06-08|EPI_ISL_694751|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC567/2020|2020-03-25|EPI_ISL_426827|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/ALDP-B1CACC/2020|2020-11-01|EPI_ISL_666108|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01809/2020|2020-06-00|EPI_ISL_636953|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Scotland/QEUH-9CE964/2020|2020-09-17|EPI_ISL_601879|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB6744/2020|2020-12-18|EPI_ISL_761123|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F3E3A/2020|2020-09-24|EPI_ISL_588567|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2001/2020|2020-11-12|EPI_ISL_732222|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) |Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-6083/2020|2020-07-04|EPI_ISL_547221|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2D717/2020|2020-04-05|EPI_ISL_446017|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13837/2020|2020-08-14|EPI_ISL_738654|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/CVR2791/2020|2020-04-17|EPI_ISL_473569|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3804/2020|2020-08-31|EPI_ISL_622701|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F917632/2020|2020-03-22|EPI_ISL_560742|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/TX-HMH-4664/2020|2020-06-22|EPI_ISL_543788|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-9B8BEF/2020|2020-09-07|EPI_ISL_549646|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-80ED1/2020|2020-04-17|EPI_ISL_444443|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/LOND-D666B/2020|2020-04-23|EPI_ISL_487633|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/K1r-79/2020|2020-04-25|EPI_ISL_568480|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/Luxembourg/LNS6067075/2020|2020-11-17|EPI_ISL_744349|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/AR-CDC-4265/2020|2020-07-15|EPI_ISL_527643|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/PA-MGEL68/2020|2020-03-30|EPI_ISL_454357|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/England/PORT-2F5804/2020|2020-00-00|EPI_ISL_611935|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4705/2020|2020-10-30|EPI_ISL_730093|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-9DCF52/2020|2020-09-21|EPI_ISL_599497|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2466/2020|2020-06-22|EPI_ISL_617427|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20119093904/2020|2020-03-15|EPI_ISL_465133|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B26045/2020|2020-11-04|EPI_ISL_646479|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-286C4/2020|2020-00-00|EPI_ISL_431979|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EAB38/2020|2020-05-09|EPI_ISL_457354|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC771/2020|2020-03-27|EPI_ISL_456008|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Australia/VIC4506/2020|2020-07-14|EPI_ISL_518917|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-C9A9C/2020|2020-10-06|EPI_ISL_613380|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Singapore/1230/2020|2020-04-25|EPI_ISL_648646|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Netherlands/GE-EMC-222/2020|2020-05-14|EPI_ISL_523204|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-3294/2020|2020-04-00|EPI_ISL_691409|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB565/2020|2020-03-31|EPI_ISL_426023|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMC-B3715D/2020|2020-11-05|EPI_ISL_645529|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8063/2020|2020-07-01|EPI_ISL_545829|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-6945/2020|2020-06-28|EPI_ISL_546373|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9C52EA/2020|2020-09-10|EPI_ISL_567750|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6BD479/2020|2020-07-01|EPI_ISL_557834|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10148/2020|2020-04-18|EPI_ISL_447145|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-2CA97/2020|2020-04-01|EPI_ISL_445943|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-C3B62/2020|2020-04-08|EPI_ISL_441952|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4092/2020|2020-10-03|EPI_ISL_636452|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Colombia/CUN-GVI-98087/2020|2020-04-05|EPI_ISL_447812|Original|hCoV-19^^Cundinamarca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9dez|Colombia

>Spike|hCoV-19/India/MH-GA72/2020|2020-06-18|EPI_ISL_511934|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/LIVE-DC2E9A/2020|2020-11-25|EPI_ISL_705851|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-BAA841/2020|2020-11-17|EPI_ISL_681545|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9D3243/2020|2020-09-20|EPI_ISL_577319|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMC-B356F6/2020|2020-11-05|EPI_ISL_659456|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AR-QDX-1315/2020|2020-03-15|EPI_ISL_572054|Original|hCoV-19^^Arkansas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-190013/2020|2020-07-06|EPI_ISL_500879|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-A35EFF/2020|2020-10-04|EPI_ISL_706901|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-7BDDC/2020|2020-04-04|EPI_ISL_442155|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18366/2020|2020-12-07|EPI_ISL_749228|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-003240/2020|2020-03-15|EPI_ISL_480993|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario

Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/USA/WI-GMF-14053/2020|2020-08-06|EPI_ISL_547677|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/Japan/PG-3586/2020|2020-07-00|EPI_ISL_691754|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Luxembourg/LNS6619182/2020|2020-10-23|EPI_ISL_744442|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Denmark/DCGC-12234/2020|2020-11-16|EPI_ISL_682415|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/LA-EVTL987/2020|2020-08-18|EPI_ISL_653678|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/England/CAMC-C7203A/2020|2020-12-15|EPI_ISL_769052|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-71B81/2020|2020-03-31|EPI_ISL_439536|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/GSTT-265DA82/2020|2020-03-26|EPI_ISL_484057|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
>Spike|hCoV-19/Australia/VIC4950/2020|2020-06-24|EPI_ISL_519323|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Scotland/QEUH-AD02AF/2020|2020-10-26|EPI_ISL_644012|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Sweden/20-04850/2020|2020-02-28|EPI_ISL_475545|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/USA/TX-HMH-4485/2020|2020-06-19|EPI_ISL_543659|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/EDB10445/2020|2020-10-06|EPI_ISL_705761|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/USA/TX-HMH0416/2020|2020-04-01|EPI_ISL_435000|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/MI-UM-10036779751/2020|2020-11-04|EPI_ISL_728371|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/Wales/PHWC-25E38/2020|2020-03-25|EPI_ISL_422350|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-A1D67D/2020|2020-10-03|EPI_ISL_595070|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Spain/AR-IBV-97010746/2020|2020-10-03|EPI_ISL_779779|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/USA/NY-NYCPHL-001293/2020|2020-11-09|EPI_ISL_683879|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/USA/CA-ALSR-1946/2020|2020-07-08|EPI_ISL_512251|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CO-CDPHE-2009170073/2020|2020-09-16|EPI_ISL_710338|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/CAMC-B22A2D/2020|2020-11-02|EPI_ISL_647447|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6453/2020|2020-08-00|EPI_ISL_689558|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-2025/2020|2020-11-03|EPI_ISL_654706|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42186648/2020|2020-03-11|EPI_ISL_528014|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-A68567/2020|2020-10-12|EPI_ISL_608684|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4616/2020|2020-09-21|EPI_ISL_621285|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9B4512/2020|2020-09-08|EPI_ISL_560076|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2325/2020|2020-11-14|EPI_ISL_728091|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-B9F706/2020|2020-11-18|EPI_ISL_720959|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2844CA/2020|2020-03-21|EPI_ISL_488681|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-20Z06456/2020|2020-04-17|EPI_ISL_671389|Original|hCoV-19^^Wicklow|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/UT-UPHL-2009378/2020|2020-05-18|EPI_ISL_524970|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-95AF7A/2020|2020-06-15|EPI_ISL_555508|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-634/2020|2020-03-20|EPI_ISL_515548|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal Dr. Jose Soares Hungria|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/CAMC-A5853D/2020|2020-10-08|EPI_ISL_597121|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62951/2020|2020-11-09|EPI_ISL_656352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28CEA6/2020|2020-10-03|EPI_ISL_652343|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C40E/2020|2020-11-10|EPI_ISL_655707|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4411/2020|2020-09-21|EPI_ISL_621832|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6737/2020|2020-10-05|EPI_ISL_622368|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/GCVR-17079C/2020|2020-03-25|EPI_ISL_489680|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2207/2020|2020-05-27|EPI_ISL_513755|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A924EF/2020|2020-10-19|EPI_ISL_611253|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10201C/2020|2020-03-23|EPI_ISL_441367|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-9707D0/2020|2020-08-17|EPI_ISL_553210|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F578/2020|2020-09-30|EPI_ISL_585985|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11386/2020|2020-11-02|EPI_ISL_670483|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14589/2020|2020-11-23|EPI_ISL_711860|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-13859/2020|2020-11-30|EPI_ISL_713066|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS3733630/2020|2020-11-17|EPI_ISL_740367|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Thailand/Bangkok-0089/2020|2020-04-07|EPI_ISL_447029|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/UN-UW-5255/2020|2020-04-08|EPI_ISL_576491|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C3C4E5/2020|2020-12-10|EPI_ISL_730946|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/BT-MRINUPH-200625-367/2020|2020-06-24|EPI_ISL_779392|Original|hCoV-19^^Banten|Human|Siloam Hospital Lippo Village|Mochtar Riady Institute for Nanotechnology-Universitas Pelita Harapan|Suriapranata|Indonesia

>Spike|hCoV-19/Australia/VIC16555/2020|2020-07-24|EPI_ISL_640708|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-1601DD/2020|2020-05-26|EPI_ISL_472905|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0140/2020|2020-08-21|EPI_ISL_548020|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Austria/CeMM0414/2020|2020-03-09|EPI_ISL_475844|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/MI-QDX-324/2020|2020-03-21|EPI_ISL_571068|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-BB16F2/2020|2020-11-18|EPI_ISL_720200|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8CC84/2020|2020-12-15|EPI_ISL_777110|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUIH-95EB54/2020|2020-08-09|EPI_ISL_532298|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08533/2020|2020-05-19|EPI_ISL_524294|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-QDX-2092/2020|2020-03-19|EPI_ISL_604404|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Jordan/AM-ALSR-4003/2020|2020-10-02|EPI_ISL_636366|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/CVR2356/2020|2020-04-14|EPI_ISL_477915|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE14297/2020|2020-04-09|EPI_ISL_435153|Original|hCoV-19^^Abruzzo|Human|SERVIZIO DI IGIENE E SANIT\u00c0 PUBBLICA ASL Teramo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/USA/WA-UW261/2020|2020-03-16|EPI_ISL_418046|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-18626/2020|2020-12-07|EPI_ISL_749344|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV1088v1/2020|2020-09-10|EPI_ISL_768767|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-20155/2020|2020-12-07|EPI_ISL_748018|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4468/2020|2020-09-20|EPI_ISL_585332|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-122C21/2020|2020-04-02|EPI_ISL_440730|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3566/2020|2020-06-19|EPI_ISL_636086|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-1832/2020|2020-04-00|EPI_ISL_685438|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/OCC-152/2020|2020-11-25|EPI_ISL_751472|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Nigeria/BO-CV346/2020|2020-05-16|EPI_ISL_730011|Original|hCoV-19^^Borno State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/AK-PHL737/2020|2020-06-30|EPI_ISL_586262|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000187/2020|2020-04-12|EPI_ISL_631722|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-1429/2020|2020-04-27|EPI_ISL_622463|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/DL-MaxCov0048-CSIR-IGIB/2020|2020-05-01|EPI_ISL_459950|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/USA/MI-MDHHS-SC22410/2020|2020-10-31|EPI_ISL_708243|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/NORT-29247E/2020|2020-05-04|EPI_ISL_489070|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3516/2020|2020-08-31|EPI_ISL_616307|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-76418/2020|2020-03-29|EPI_ISL_438522|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2697/2020|2020-07-04|EPI_ISL_522477|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/India/MH-ACTREC-626/2020|2020-09-11|EPI_ISL_700261|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Belgium/ULG-10251/2020|2020-07-10|EPI_ISL_515058|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-1141/2020|2020-08-13|EPI_ISL_522898|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/VA-DCLS-0775/2020|2020-07-01|EPI_ISL_526889|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-961DC1/2020|2020-07-28|EPI_ISL_536978|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Utrecht_24/2020|2020-03-12|EPI_ISL_455292|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-2738/2020|2020-03-00|EPI_ISL_690870|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A2FE25/2020|2020-10-06|EPI_ISL_586993|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0DC13/2020|2020-11-02|EPI_ISL_642147|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3BB96/2020|2020-12-11|EPI_ISL_731156|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17573/2020|2020-12-14|EPI_ISL_750535|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C33624/2020|2020-12-11|EPI_ISL_782555|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-171704/2020|2020-03-28|EPI_ISL_489628|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-852/2020|2020-10-02|EPI_ISL_632734|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-18499/2020|2020-11-18|EPI_ISL_784847|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9545C9/2020|2020-06-09|EPI_ISL_555345|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAC5C0/2020|2020-11-18|EPI_ISL_720643|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/HCMC-05009/2020|2020-03-21|EPI_ISL_498180|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19/mink/Poland/Pomorskie_46/2020|2020-11-17|EPI_ISL_732951|Original|hCoV-19^^Pomorskie|Neovison vison|Department of Tropical Parasitology|Laboratory of Recombinant Vaccines|Rabalski|Poland

>Spike|hCoV-19/USA/TX-DSHS-1777/2020|2020-07-15|EPI_ISL_751534|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/CAMC-A822CA/2020|2020-10-11|EPI_ISL_625281|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7509/2020|2020-07-00|EPI_ISL_688611|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH0349/2020|2020-04-01|EPI_ISL_434943|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-8698/2020|2020-10-26|EPI_ISL_626031|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark

>Spike|hCoV-19/USA/NY-NYUMC550/2020|2020-03-30|EPI_ISL_444667|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-9B6264/2020|2020-08-28|EPI_ISL_572994|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-MPS81200/2020|2020-04-09|EPI_ISL_767742|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/ALDP-9FCAB5/2020|2020-10-01|EPI_ISL_587992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/149/2020|2020-09-23|EPI_ISL_639646|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/MILK-9E24C3/2020|2020-09-20|EPI_ISL_581185|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20361/2020|2020-12-07|EPI_ISL_728581|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-A6F74C/2020|2020-10-14|EPI_ISL_607117|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00240/2020|2020-04-16|EPI_ISL_681980|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Denmark/DCGC-16605/2020|2020-11-16|EPI_ISL_714865|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-53191/2020|2020-10-20|EPI_ISL_648167|Original|hCoV-19^^Sweden|Human|Eskilstuna|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-BA321D/2020|2020-11-18|EPI_ISL_721149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0176/2020|2020-10-14|EPI_ISL_729881|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/CAMC-BBCDB6/2020|2020-11-18|EPI_ISL_724204|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-B8E6D0/2020|2020-11-13|EPI_ISL_673994|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7142/2020|2020-08-00|EPI_ISL_688247|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1440/2020|2020-04-27|EPI_ISL_622476|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Gibraltar/204462895/2020|2020-10-29|EPI_ISL_615059|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-48C3F0/2020|2020-11-08|EPI_ISL_666427|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14277/2020|2020-08-27|EPI_ISL_738523|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000203/2020|2020-04-17|EPI_ISL_631737|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/LA-EVTL505/2020|2020-06-24|EPI_ISL_578909|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/WA23/2020|2020-03-30|EPI_ISL_470841|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/USA/AZ-TG382196/2020|2020-06-15|EPI_ISL_694680|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-310480/2020|2020-10-08|EPI_ISL_603550|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-18944/2020|2020-12-07|EPI_ISL_748655|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-000665/2020|2020-03-06|EPI_ISL_452785|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-9A51D4/2020|2020-09-02|EPI_ISL_549963|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0919/2020|2020-06-26|EPI_ISL_699057|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Ireland/D-NVRL-20G35462/2020|2020-03-20|EPI_ISL_605115|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Japan/PG-8729/2020|2020-08-00|EPI_ISL_686325|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/D-NVRL-20IRL77307/2020|2020-11-05|EPI_ISL_732450|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Mexico/AGU-INdRE-58/2020|2020-08-07|EPI_ISL_576261|Original|hCoV-19^^Aguascalientes|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/England/LOND-1264436/2020|2020-11-17|EPI_ISL_703767|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00664/2020|2020-04-04|EPI_ISL_460307|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-9CDABD/2020|2020-09-16|EPI_ISL_566390|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76B8C/2020|2020-03-29|EPI_ISL_438294|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-97E14D/2020|2020-07-24|EPI_ISL_529456|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-1AF679/2020|2020-05-01|EPI_ISL_459287|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B687BB/2020|2020-11-11|EPI_ISL_655231|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AADF9/2020|2020-09-01|EPI_ISL_550979|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15830/2020|2020-11-23|EPI_ISL_714047|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1108/2020|2020-03-09|EPI_ISL_614428|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACC446/2020|2020-10-21|EPI_ISL_634357|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4003/2020|2020-09-14|EPI_ISL_615774|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7BA4E/2020|2020-04-04|EPI_ISL_441651|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20044665/2020|2020-07-16|EPI_ISL_769909|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/QEUA-B1164B/2020|2020-11-02|EPI_ISL_642464|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-280476-01/2020|2020-11-29|EPI_ISL_754502|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/MILK-9D4FC3/2020|2020-09-17|EPI_ISL_601694|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/9LS16AE12/2020|2020-10-09|EPI_ISL_755951|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/MN-QDX-1024/2020|2020-03-15|EPI_ISL_571750|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-8654/2020|2020-09-00|EPI_ISL_686250|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AR-IBV-005024/2020|2020-04-19|EPI_ISL_510333|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/NORW-E7F4E/2020|2020-05-06|EPI_ISL_449096|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH710/2020|2020-04-01|EPI_ISL_513183|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/CAMC-BC19C9/2020|2020-11-22|EPI_ISL_704753|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2792/2020|2020-08-14|EPI_ISL_530149|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B52C2E/2020|2020-11-09|EPI_ISL_657538|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C360/2020|2020-04-14|EPI_ISL_434032|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5475/2020|2020-09-28|EPI_ISL_620800|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9AB596/2020|2020-08-31|EPI_ISL_549444|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Russia/SPE-R11-17291V/2020|2020-05-25|EPI_ISL_524014|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/VA_6389/2020|2020-03-08|EPI_ISL_424894|Original|hCoV-19^^Virginia|Human|VA-Division of Consolidated Laboratory Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC6597/2020|2020-07-18|EPI_ISL_521359|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-15C0E6/2020|2020-05-04|EPI_ISL_472437|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NA_275/2020|2020-03-30|EPI_ISL_422586|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OH-ODH-SC34332/2020|2020-04-20|EPI_ISL_789104|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/England/BRIS-12D60A/2020|2020-05-06|EPI_ISL_481923|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1240/2020|2020-06-01|EPI_ISL_541163|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUA-A1FF9E/2020|2020-10-01|EPI_ISL_599070|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F49B0/2020|2020-09-24|EPI_ISL_588438|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0078/2020|2020-04-17|EPI_ISL_463995|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Japan/PG-3781/2020|2020-04-00|EPI_ISL_691758|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/ID-UW-6466/2020|2020-04-02|EPI_ISL_437835|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/ALDP-B49273/2020|2020-11-07|EPI_ISL_710901|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4150/2020|2020-08-29|EPI_ISL_540835|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-288783-01/2020|2020-12-18|EPI_ISL_767484|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-CZB-6992/2020|2020-09-04|EPI_ISL_582919|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-73C31/2020|2020-04-02|EPI_ISL_433678|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-7156/2020|2020-09-00|EPI_ISL_688261|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1405/2020|2020-03-23|EPI_ISL_622450|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B75047/2020|2020-11-12|EPI_ISL_662115|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CAD0AF/2020|2020-12-20|EPI_ISL_760879|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28B1F9/2020|2020-04-18|EPI_ISL_469302|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3039/2020|2020-00-00|EPI_ISL_579399|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUA-BCBCE4/2020|2020-11-26|EPI_ISL_704058|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA708/2020|2020-11-17|EPI_ISL_783279|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0789/2020|2020-05-22|EPI_ISL_590857|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-A6E130/2020|2020-10-14|EPI_ISL_606934|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/KE-NVRL-77IRL65598/2020|2020-11-05|EPI_ISL_752511|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-14947/2020|2020-10-14|EPI_ISL_786431|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB6044/2020|2020-05-08|EPI_ISL_487682|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-200214-01/2020|2020-06-17|EPI_ISL_677049|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Canada/ON-S41/2020|2020-03-17|EPI_ISL_586409|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-12717/2020|2020-08-30|EPI_ISL_790480|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gambia/GC192576/2020|2020-07-21|EPI_ISL_561117|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Canada/BC_24044059/2020|2020-03-00|EPI_ISL_463191|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Switzerland/NE-ETHZ-390327/2020|2020-11-29|EPI_ISL_721838|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-3246/2020|2020-08-31|EPI_ISL_616878|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelson|Denmark

>Spike|hCoV-19/USA/CT-Yale-341/2020|2020-04-29|EPI_ISL_452146|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Luxembourg/LNS0078676/2020|2020-04-03|EPI_ISL_428949|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUEH-9F3720/2020|2020-09-24|EPI_ISL_588636|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-650/2020|2020-03-18|EPI_ISL_571306|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WA-UW-674/2020|2020-03-12|EPI_ISL_476927|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A510CA/2020|2020-10-07|EPI_ISL_597544|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-650/2020|2020-09-27|EPI_ISL_578078|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/MH-ACTREC-689/2020|2020-09-24|EPI_ISL_700314|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-DSHS-1539/2020|2020-06-08|EPI_ISL_681848|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/South Africa/KRISP-K002796/2020|2020-08-24|EPI_ISL_529790|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-3750/2020|2020-06-16|EPI_ISL_543161|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA3A16/2020|2020-10-22|EPI_ISL_624510|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6249/2020|2020-07-31|EPI_ISL_518242|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/ALDP-B1A90D/2020|2020-11-01|EPI_ISL_711042|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A915CF/2020|2020-10-16|EPI_ISL_638529|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B396D4/2020|2020-10-31|EPI_ISL_679635|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17468/2020|2020-12-14|EPI_ISL_751002|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A9431/2020|2020-09-01|EPI_ISL_551087|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A8724D/2020|2020-10-14|EPI_ISL_606278|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-101140/2020|2020-03-31|EPI_ISL_451807|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-491158/2020|2020-11-11|EPI_ISL_706617|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5490/2020|2020-09-21|EPI_ISL_620815|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C49BD1/2020|2020-12-12|EPI_ISL_718639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0638/2020|2020-04-06|EPI_ISL_508842|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-3315/2020|2020-08-31|EPI_ISL_616069|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B69996/2020|2020-11-11|EPI_ISL_661406|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0024/2020|2020-08-14|EPI_ISL_640025|Original|hCoV-19^^Western Cape|Human|Mitchells Plain CHC w/ MHC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/MILK-A79C7D/2020|2020-10-15|EPI_ISL_606872|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL360/2020|2020-05-28|EPI_ISL_578766|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NM-DOH-2020308923/2020|2020-08-24|EPI_ISL_602189|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/20188012604/2020|2020-04-29|EPI_ISL_465492|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-A367A8/2020|2020-10-04|EPI_ISL_706918|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-5001/2020|2020-08-00|EPI_ISL_690114|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC4272/2020|2020-07-13|EPI_ISL_519600|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9C7B74/2020|2020-09-11|EPI_ISL_567111|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124C777/2020|2020-00-00|EPI_ISL_490429|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11249/2020|2020-09-03|EPI_ISL_789749|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Uganda/UG055/2020|2020-07-21|EPI_ISL_737972|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/Japan/PG-2711/2020|2020-05-00|EPI_ISL_690843|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-12616E8/2020|2020-03-28|EPI_ISL_524659|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB436F/2020|2020-10-20|EPI_ISL_652085|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC774/2020|2020-03-27|EPI_ISL_456011|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Turkey/IST-GLAB-227/2020|2020-05-14|EPI_ISL_735294|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/South Africa/N00059/2020|2020-08-11|EPI_ISL_622944|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-19484/2020|2020-12-07|EPI_ISL_748230|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8649/2020|2020-09-00|EPI_ISL_686245|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-A370D9/2020|2020-10-04|EPI_ISL_638727|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D28C/2020|2020-10-07|EPI_ISL_586119|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH743/2020|2020-04-01|EPI_ISL_512993|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-B82D7D/2020|2020-11-14|EPI_ISL_675408|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C5902/2020|2020-05-12|EPI_ISL_568779|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Gambia/GC19-3854/2020|2020-07-27|EPI_ISL_561102|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/CAMC-CB7DE7/2020|2020-12-18|EPI_ISL_777861|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CADE2D/2020|2020-12-20|EPI_ISL_761187|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16245A/2020|2020-05-20|EPI_ISL_473075|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10D49AD/2020|2020-12-21|EPI_ISL_765196|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-250145/2020|2020-08-17|EPI_ISL_535647|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/NE-ETHZ-350457/2020|2020-11-03|EPI_ISL_729205|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/HI-H200092/2020|2020-06-21|EPI_ISL_752659|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/WA-S594/2020|2020-04-12|EPI_ISL_438147|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7259/2020|2020-11-00|EPI_ISL_740644|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/England/NORT-29B660/2020|2020-06-02|EPI_ISL_493497|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B0801C/2020|2020-10-30|EPI_ISL_643523|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1308/2020|2020-04-09|EPI_ISL_579689|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Wales/PHWC-49AC03/2020|2020-12-03|EPI_ISL_727662|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-135BC4/2020|2020-04-10|EPI_ISL_457143|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0052/2020|2020-05-09|EPI_ISL_517983|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-B8882B/2020|2020-11-13|EPI_ISL_675755|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C059/2020|2020-04-04|EPI_ISL_474269|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC11993/2020|2020-08-12|EPI_ISL_640473|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/ID-UW-4100/2020|2020-03-29|EPI_ISL_427168|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC4457/2020|2020-07-15|EPI_ISL_519753|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-5439/2020|2020-08-00|EPI_ISL_690542|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A96111/2020|2020-10-19|EPI_ISL_624658|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-929/2020|2020-03-24|EPI_ISL_579569|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/MI-UM-10036561341/2020|2020-10-21|EPI_ISL_640176|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/NY-NYUMC881/2020|2020-03-18|EPI_ISL_458020|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/AZ-TG273342/2020|2020-04-02|EPI_ISL_694056|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/EDB6584/2020|2020-05-12|EPI_ISL_478265|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/BRIS-18531C4/2020|2020-04-01|EPI_ISL_492414|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B596DE/2020|2020-11-06|EPI_ISL_679856|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF3E39/2020|2020-10-30|EPI_ISL_663183|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2162/2020|2020-10-15|EPI_ISL_677566|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Brazil/SP-815/2020|2020-04-17|EPI_ISL_776750|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Central|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/ALDP-9FCF4D/2020|2020-10-01|EPI_ISL_588044|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4E2F/2020|2020-11-11|EPI_ISL_702865|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0262/2020|2020-09-10|EPI_ISL_548084|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-BC6232/2020|2020-11-23|EPI_ISL_721440|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/10057/2020|2020-05-22|EPI_ISL_527538|Original|hCoV-19^^Kongo Central|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Australia/SAP123/2020|2020-03-21|EPI_ISL_492111|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/CAMC-A6654B/2020|2020-10-11|EPI_ISL_626884|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-156/2020|2020-03-23|EPI_ISL_460056|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-CZB-15023/2020|2020-11-18|EPI_ISL_739376|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/India/TG-NGC-CDFD-03/2020|2020-05-10|EPI_ISL_466841|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/USA/NY-NYCPHL-000898/2020|2020-07-10|EPI_ISL_632964|Original|hCoV-19^^New York|Human|Department of Homeless Services|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/BIRM-5F169/2020|2020-05-03|EPI_ISL_473317|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-B26115/2020|2020-11-04|EPI_ISL_646651|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4825/2020|2020-06-22|EPI_ISL_544357|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-34-3/2020|2020-08-18|EPI_ISL_577769|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/NSW1172/2020|2020-08-31|EPI_ISL_667777|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC7555/2020|2020-07-24|EPI_ISL_564495|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/ARA-27109/2020|2020-04-17|EPI_ISL_676567|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-78D1B/2020|2020-04-02|EPI_ISL_441827|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B0BB/2020|2020-12-07|EPI_ISL_742292|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020617051/2020|2020-12-12|EPI_ISL_751839|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Scotland/QEUH-96CEF0/2020|2020-08-21|EPI_ISL_534524|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C068D9/2020|2020-12-04|EPI_ISL_709545|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/AP-CCMB-GC41/2020|2020-05-29|EPI_ISL_528809|Original|hCoV-19^^Andhra Pradesh|Human|Department of Medicine|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Australia/NSW988/2020|2020-09-17|EPI_ISL_591493|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUH-7EDA7D/2020|2020-07-19|EPI_ISL_532836|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC668/2020|2020-03-17|EPI_ISL_444785|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-166878/2020|2020-06-11|EPI_ISL_494051|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6183/2020|2020-07-22|EPI_ISL_518188|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/New Zealand/20CV0167/2020|2020-08-19|EPI_ISL_548039|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/United Arab Emirates/56/2020|2020-05-14|EPI_ISL_528706|Original|hCoV-19^^Abu Dhabi|Human|Alsafar - Khalifa University Abu Dhabi|Alsafar - Khalifa University Abu Dhabi|Daw Elbait|United Arab Emirates

>Spike|hCoV-19/England/CAMB-1B30ED/2020|2020-05-25|EPI_ISL_461552|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/France/IDF-3324/2020|2020-03-23|EPI_ISL_421512|Original|hCoV-19^^\u00cele-de-France|Human|Service de Biologie M\u00e9dicale - BP 125|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Wales/PHWC-15CD49/2020|2020-04-08|EPI_ISL_472613|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0343/2020|2020-10-16|EPI_ISL_666776|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Canada/ON-A3/2020|2020-11-24|EPI_ISL_755727|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/WSFT-25C15F2/2020|2020-04-20|EPI_ISL_501602|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11D3D9/2020|2020-11-22|EPI_ISL_665929|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Canada/ON-S61/2020|2020-03-19|EPI_ISL_586423|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/LA-EVTL247/2020|2020-08-22|EPI_ISL_574381|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000780/2020|2020-03-20|EPI_ISL_632160|Original|hCoV-19^^New York|Human|SUNY Downstate Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-2247/2020|2020-08-10|EPI_ISL_617552|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16CAC7/2020|2020-09-08|EPI_ISL_574132|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC124/2020|2020-04-05|EPI_ISL_475601|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/India/TG-CCMB-L1494/2020|2020-05-25|EPI_ISL_471610|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/TX-HMH-3556/2020|2020-06-15|EPI_ISL_543018|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B7AD1E/2020|2020-11-13|EPI_ISL_741171|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-125D0D/2020|2020-03-30|EPI_ISL_443898|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001112/2020|2020-10-20|EPI_ISL_671695|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/MILK-9A970B/2020|2020-09-01|EPI_ISL_551005|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AE00031/2020|2020-07-09|EPI_ISL_707926|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/England/20119085304/2020|2020-03-15|EPI_ISL_465115|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC13137/2020|2020-08-02|EPI_ISL_592195|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-A63B4C/2020|2020-10-09|EPI_ISL_596184|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18944/2020|2020-11-25|EPI_ISL_785240|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-71F1C/2020|2020-03-29|EPI_ISL_439592|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC206/2020|2020-04-01|EPI_ISL_427501|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-4941/2020|2020-09-21|EPI_ISL_621479|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1058/2020|2020-11-27|EPI_ISL_768328|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/GCVR-16FE40/2020|2020-03-23|EPI_ISL_489624|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201380061/2020|2020-03-25|EPI_ISL_421813|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2D5C7/2020|2020-11-04|EPI_ISL_659790|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8B55D/2020|2020-12-17|EPI_ISL_756479|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0195/2020|2020-07-00|EPI_ISL_667624|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-748B8C/2020|2020-06-29|EPI_ISL_557440|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22270/2020|2020-12-14|EPI_ISL_758646|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B86887/2020|2020-11-13|EPI_ISL_674060|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-UBI-42/2020|2020-06-17|EPI_ISL_631296|Original|hCoV-19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/England/QEUEH-5D9FE0/2020|2020-06-17|EPI_ISL_533295|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D27B7/2020|2020-10-09|EPI_ISL_613405|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH1974S/2020|2020-05-21|EPI_ISL_596322|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/VIC7536/2020|2020-07-21|EPI_ISL_564480|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15718/2020|2020-11-23|EPI_ISL_713980|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20119037604/2020|2020-03-14|EPI_ISL_465053|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Serbia/KM-0560707/2020|2020-07-06|EPI_ISL_541657|Original|hCoV-19^^Kosovska Mitrovica|Human|Laboratory Diagnostic|Laboratory Diagnostic|Vidanovic|Serbia

>Spike|hCoV-19/USA/CA-CZB0721/2020|2020-03-31|EPI_ISL_429020|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-49A24D/2020|2020-12-01|EPI_ISL_727515|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9AA904/2020|2020-08-31|EPI_ISL_550815|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1026/2020|2020-11-16|EPI_ISL_722658|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-840D7/2020|2020-04-26|EPI_ISL_438735|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-BC7547/2020|2020-11-22|EPI_ISL_721455|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1077/2020|2020-06-03|EPI_ISL_470757|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-B99A9A/2020|2020-11-15|EPI_ISL_673562|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BDB80/2020|2020-09-09|EPI_ISL_567982|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1669/2020|2020-04-05|EPI_ISL_433647|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORT-283452/2020|2020-03-30|EPI_ISL_478495|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-98EF9B/2020|2020-08-28|EPI_ISL_540353|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-83/2020|2020-03-13|EPI_ISL_468564|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/204200112/2020|2020-10-10|EPI_ISL_609868|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CA2E5/2020|2020-09-13|EPI_ISL_567388|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7B428/2020|2020-10-14|EPI_ISL_607558|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/2938/2020|2020-04-17|EPI_ISL_437353|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/USA/NY-Wadsworth-250294-01/2020|2020-00-00|EPI_ISL_754733|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-6183/2020|2020-10-05|EPI_ISL_620086|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC6457/2020|2020-07-23|EPI_ISL_521235|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/SPE-RII-MH971S/2020|2020-09-04|EPI_ISL_639950|Original|hCoV-19^^Saint Petersburg|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-9CDAAE/2020|2020-09-16|EPI_ISL_566267|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A20765/2020|2020-10-01|EPI_ISL_587684|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7C71E/2020|2020-11-14|EPI_ISL_727814|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-490/2020|2020-00-00|EPI_ISL_577920|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYCPHL-000851/2020|2020-03-29|EPI_ISL_632228|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000511/2020|2020-03-25|EPI_ISL_631972|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/GJ-GBRC182a/2020|2020-06-03|EPI_ISL_467051|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/VIC3407/2020|2020-07-07|EPI_ISL_521086|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-50104/2020|2020-03-03|EPI_ISL_454880|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-166201/2020|2020-06-12|EPI_ISL_490851|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9C38AE/2020|2020-09-10|EPI_ISL_566762|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20463/2020|2020-11-18|EPI_ISL_728678|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/LA-EVTL066/2020|2020-05-02|EPI_ISL_451227|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MA-MGH-00485/2020|2020-03-27|EPI_ISL_460110|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/SC-20-0946-T07/2020|2020-06-17|EPI_ISL_516749|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00233714/2020|2020-03-23|EPI_ISL_536036|Original|hCoV-19^^Quebec|Human|Centre de SSS de Trois-Rivières|Laboratoire de santé publique du Québec|Moreira|Canada

>Spike|hCoV-19/England/204394029/2020|2020-10-25|EPI_ISL_653944|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EDF9/2020|2020-10-01|EPI_ISL_585867|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-111DE6/2020|2020-05-01|EPI_ISL_472408|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A8723E/2020|2020-10-14|EPI_ISL_606252|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205260454/2020|2020-12-18|EPI_ISL_754365|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B2D530/2020|2020-11-04|EPI_ISL_659837|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC55F/2020|2020-11-25|EPI_ISL_724516|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-180047/2020|2020-06-29|EPI_ISL_489983|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC1222/2020|2020-04-01|EPI_ISL_430519|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-QDX-2006/2020|2020-03-17|EPI_ISL_604303|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MS-CDC-2-3693773/2020|2020-10-30|EPI_ISL_747099|Original|hCoV-19^^Mississippi|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-3933/2020|2020-09-14|EPI_ISL_615844|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-D078C/2020|2020-09-18|EPI_ISL_572930|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-406a/2020|2020-06-25|EPI_ISL_590689|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-9EE728/2020|2020-09-23|EPI_ISL_580778|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C14674/2020|2020-12-06|EPI_ISL_709403|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D0F73/2020|2020-04-23|EPI_ISL_475311|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/NOTT-116B05/2020|2020-10-15|EPI_ISL_595321|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B830CE/2020|2020-11-14|EPI_ISL_675571|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-2527/2020|2020-06-17|EPI_ISL_635531|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u221a\u2265tico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/England/201141521/2020|2020-03-10|EPI_ISL_464759|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20323/2020|2020-12-03|EPI_ISL_723457|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Netherlands/NA_676/2020|2020-03-10|EPI_ISL_461111|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-0956/2020|2020-04-00|EPI_ISL_684566|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-6932/2020|2020-10-12|EPI_ISL_619778|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-990655/2020|2020-08-26|EPI_ISL_530359|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4575/2020|2020-06-20|EPI_ISL_543727|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-12373/2020|2020-11-16|EPI_ISL_682554|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5191/2020|2020-06-21|EPI_ISL_544586|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000274/2020|2020-03-18|EPI_ISL_631800|Original|hCoV-19^^New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/CVR2429/2020|2020-04-14|EPI_ISL_477938|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0334/2020|2020-04-15|EPI_ISL_489743|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-9EC57B/2020|2020-09-24|EPI_ISL_580557|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AF5D7/2020|2020-04-14|EPI_ISL_478754|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR1437/2020|2020-04-01|EPI_ISL_433586|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-3190/2020|2020-04-00|EPI_ISL_691310|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-2746/2020|2020-06-27|EPI_ISL_582854|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Israel/2089866/2020|2020-04-01|EPI_ISL_447359|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/Sichuan/SC-PHCC1-034/2020|2020-02-12|EPI_ISL_451355|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/MI-MDHHS-SC21241/2020|2020-04-07|EPI_ISL_507496|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/ALDP-BB9D8C/2020|2020-11-20|EPI_ISL_710743|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16093F/2020|2020-05-22|EPI_ISL_472995|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A66833/2020|2020-10-12|EPI_ISL_630453|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5582/2020|2020-03-30|EPI_ISL_487993|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002735/2020|2020-08-16|EPI_ISL_529733|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-A528C1/2020|2020-10-07|EPI_ISL_597908|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B387A5/2020|2020-11-01|EPI_ISL_659012|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2858/2020|2020-06-07|EPI_ISL_543828|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B2D767/2020|2020-11-03|EPI_ISL_647081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-06243/2020|2020-04-22|EPI_ISL_493124|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUEH-B13C56/2020|2020-11-02|EPI_ISL_641896|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0543/2020|2020-06-19|EPI_ISL_574550|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/England/ALDP-6C270F/2020|2020-07-01|EPI_ISL_557975|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8586/2020|2020-10-22|EPI_ISL_651967|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Singapore/1356/2020|2020-06-18|EPI_ISL_648707|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/QEUEH-9CA1CA/2020|2020-09-10|EPI_ISL_567314|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-OM40/2020|2020-05-26|EPI_ISL_644734|Original|hCoV-19^^Telangana|Human|Osmania Medical College|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/MI-UM-10036647686/2020|2020-10-27|EPI_ISL_650031|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/NY-Wadsworth-213917-01/2020|2020-09-08|EPI_ISL_765498|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Brazil/SE-6530/2020|2020-03-20|EPI_ISL_541373|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Wales/MILK-9D55FD/2020|2020-09-19|EPI_ISL_577400|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A377/2020|2020-12-01|EPI_ISL_727534|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-52903/2020|2020-09-15|EPI_ISL_766628|Original|hCoV-19^^Stockholm|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-9B9164/2020|2020-09-07|EPI_ISL_549654|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1308/2020|2020-07-22|EPI_ISL_572248|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-BB938A/2020|2020-11-20|EPI_ISL_702403|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-975E12/2020|2020-08-20|EPI_ISL_552784|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7A80E/2020|2020-11-12|EPI_ISL_741145|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-UW-841/2020|2020-05-07|EPI_ISL_509848|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/NSW174/2020|2020-03-21|EPI_ISL_427668|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WA-QDX-62/2020|2020-03-13|EPI_ISL_467927|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/IL-UW-1009/2020|2020-07-20|EPI_ISL_516435|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-6913/2020|2020-10-12|EPI_ISL_619759|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B3F708/2020|2020-11-08|EPI_ISL_658445|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9EEFC/2020|2020-09-24|EPI_ISL_580856|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E4300/2020|2020-09-23|EPI_ISL_600939|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499F29/2020|2020-11-25|EPI_ISL_727467|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-1260C8D/2020|2020-03-17|EPI_ISL_524652|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7779B/2020|2020-11-12|EPI_ISL_783389|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B4AFD/2020|2020-06-10|EPI_ISL_473495|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-8517/2020|2020-07-00|EPI_ISL_686113|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-FB69D/2020|2020-03-26|EPI_ISL_448963|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-6461AB/2020|2020-07-03|EPI_ISL_558012|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01187/2020|2020-06-00|EPI_ISL_548809|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMB-7CA2F/2020|2020-04-05|EPI_ISL_442147|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH2829S/2020|2020-09-24|EPI_ISL_639971|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/LEED-2A8581/2020|2020-03-18|EPI_ISL_539174|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16843/2020|2020-08-06|EPI_ISL_663601|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/PA-MGSC25-05/2020|2020-03-24|EPI_ISL_436478|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/England/QEUH-B0DC9B/2020|2020-11-02|EPI_ISL_641978|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB60C1/2020|2020-12-20|EPI_ISL_761687|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20128034002/2020|2020-03-18|EPI_ISL_420474|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Beijing/DT-travelUK03/2020|2020-03-21|EPI_ISL_452356|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/France/ARA-12260/2020|2020-03-22|EPI_ISL_419184|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Luxembourg/LNS0108329/2020|2020-12-18|EPI_ISL_739714|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Colombia/CUN-GVI-97718/2020|2020-04-04|EPI_ISL_447800|Original|hCoV-19^^Cundinamarca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9dez|Colombia

>Spike|hCoV-19/USA/MA-MGH-03057/2020|2020-08-05|EPI_ISL_765696|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/CVR5854/2020|2020-11-16|EPI_ISL_666049|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-4389/2020|2020-07-00|EPI_ISL_692616|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B2D33/2020|2020-04-05|EPI_ISL_534811|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-B9FA76/2020|2020-11-18|EPI_ISL_720974|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15283/2020|2020-10-19|EPI_ISL_786767|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2D0D2E/2020|2020-04-28|EPI_ISL_475276|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMB-1BCA13/2020|2020-11-23|EPI_ISL_705557|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUH-A8B56E/2020|2020-10-16|EPI_ISL_643085|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1562/2020|2020-06-23|EPI_ISL_681843|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Japan/PG-2247/2020|2020-04-00|EPI_ISL_685852|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9AB217/2020|2020-08-31|EPI_ISL_551177|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0878/2020|2020-03-28|EPI_ISL_511137|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Brazil/SP-141/2020|2020-03-23|EPI_ISL_468308|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal do Tatuape Carmino Caricchio|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-18853/2020|2020-12-07|EPI_ISL_748598|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-6B0B8/2020|2020-11-14|EPI_ISL_679120|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/20132096304/2020|2020-03-23|EPI_ISL_423830|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A858C5/2020|2020-10-17|EPI_ISL_610561|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B20C83/2020|2020-11-01|EPI_ISL_647671|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/611/2020|2020-05-08|EPI_ISL_490061|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUH-9FFCCB/2020|2020-10-02|EPI_ISL_600195|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-2951/2020|2020-04-29|EPI_ISL_541366|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/LIVE-9D572/2020|2020-04-15|EPI_ISL_453211|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1022/2020|2020-04-11|EPI_ISL_436663|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/QEUEH-9DBE56/2020|2020-09-21|EPI_ISL_601274|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9C257B/2020|2020-09-09|EPI_ISL_566605|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1468/2020|2020-04-01|EPI_ISL_433593|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-199731-01/2020|2020-08-17|EPI_ISL_677042|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA

>Spike|hCoV-19/Spain/PV-IBV-001585/2020|2020-03-13|EPI_ISL_467136|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-12642/2020|2020-08-31|EPI_ISL_790436|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204590229/2020|2020-11-06|EPI_ISL_686550|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/NSW1367/2020|2020-12-31|EPI_ISL_767933|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Luxembourg/LNS7115373/2020|2020-10-21|EPI_ISL_744516|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Russia/OMS-ORINFI-4143S/2020|2020-05-28|EPI_ISL_569766|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-A2EEEA/2020|2020-10-05|EPI_ISL_587106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99A433/2020|2020-08-29|EPI_ISL_550296|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-7830/2020|2020-04-06|EPI_ISL_452210|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Wales/PHWC-493DBC/2020|2020-11-19|EPI_ISL_726025|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16405/2020|2020-11-16|EPI_ISL_714747|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LEED-2AA77A/2020|2020-04-09|EPI_ISL_538964|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC559/2020|2020-03-24|EPI_ISL_426820|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/NORT-1B6C0E6/2020|2020-10-01|EPI_ISL_612563|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/OXON-AD858/2020|2020-00-00|EPI_ISL_448599|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27470/2020|2020-03-31|EPI_ISL_432299|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A9466F/2020|2020-10-19|EPI_ISL_624715|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1884/2020|2020-04-29|EPI_ISL_486183|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/NOTT-11BA7C/2020|2020-11-12|EPI_ISL_650820|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B99B00/2020|2020-11-15|EPI_ISL_673405|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-294C83/2020|2020-03-28|EPI_ISL_478612|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-206-7951/2020|2020-03-31|EPI_ISL_574844|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/England/SHEF-C7436/2020|2020-05-08|EPI_ISL_475398|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22307/2020|2020-12-14|EPI_ISL_758667|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LEED-2A9A63/2020|2020-04-14|EPI_ISL_538837|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-209/2020|2020-08-19|EPI_ISL_539784|Original|hCoV-19^^Napo|Human|Universidad Regional Amazonica IKIAM|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH355/2020|2020-04-23|EPI_ISL_513135|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12528/2020|2020-09-30|EPI_ISL_790380|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-13274/2020|2020-06-30|EPI_ISL_501128|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-BB987C/2020|2020-11-20|EPI_ISL_703041|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3694/2020|2020-05-24|EPI_ISL_473760|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B56B4/2020|2020-09-03|EPI_ISL_590305|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5900/2020|2020-06-30|EPI_ISL_547095|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-876/2020|2020-04-15|EPI_ISL_545893|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1850/2020|2020-04-09|EPI_ISL_613930|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MD-MDH-0254/2020|2020-10-05|EPI_ISL_602277|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9777/2020|2020-07-04|EPI_ISL_780271|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B7CF25/2020|2020-11-14|EPI_ISL_674544|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20116078703/2020|2020-03-10|EPI_ISL_420461|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-5276A2/2020|2020-06-02|EPI_ISL_559006|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99A7EF/2020|2020-08-29|EPI_ISL_550378|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9544DB/2020|2020-06-12|EPI_ISL_553822|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-ABAN/2020|2020-06-23|EPI_ISL_513268|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/England/MILK-9AA62B/2020|2020-08-29|EPI_ISL_550972|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7749/2020|2020-04-00|EPI_ISL_686851|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-28B056/2020|2020-04-17|EPI_ISL_492934|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12F07AF/2020|2020-11-16|EPI_ISL_679576|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2985/2020|2020-09-10|EPI_ISL_667558|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-32B22/2020|2020-04-13|EPI_ISL_474399|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-422a/2020|2020-07-14|EPI_ISL_586551|Original|hCoV-19^^Gujarat|Human|Government Hospital, Veraval|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/CA-ALSR-4325/2020|2020-10-06|EPI_ISL_648971|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Germany/BY-ChVir-W1128-5741/2020|2020-03-27|EPI_ISL_754033|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/PG-6195/2020|2020-08-00|EPI_ISL_689307|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BL-ETHZ-400031/2020|2020-12-04|EPI_ISL_729097|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-49EA23/2020|2020-12-08|EPI_ISL_743083|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7CEC9/2020|2020-04-06|EPI_ISL_442230|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-A48CFF/2020|2020-10-04|EPI_ISL_595920|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD1129/2020|2020-10-26|EPI_ISL_633727|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9945/2020|2020-09-24|EPI_ISL_584267|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0982/2020|2020-06-14|EPI_ISL_699116|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/CA-CZB-3325/2020|2020-07-21|EPI_ISL_548294|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/India/MH-NCCS-NR-11843/2020|2020-07-15|EPI_ISL_721650|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/QEUEH-96E5BD/2020|2020-08-17|EPI_ISL_530478|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4458/2020|2020-07-00|EPI_ISL_692681|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-AF5189/2020|2020-10-30|EPI_ISL_662925|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10465/2020|2020-07-09|EPI_ISL_789488|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7D341/2020|2020-04-05|EPI_ISL_441585|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/Donner18/2020|2020-04-13|EPI_ISL_438962|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/Wales/PHWC-165A37/2020|2020-06-13|EPI_ISL_490755|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Jamaica/JM-CDC-5836/2020|2020-03-14|EPI_ISL_450795|Original|hCoV-19^^Jamaica|Human|Jamaica Ministry of Health and Wellness|Pathogen Discovery|Queen|Jamaica

>Spike|hCoV-19/USA/VA-DCLS-0609/2020|2020-03-28|EPI_ISL_526826|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC6794/2020|2020-07-21|EPI_ISL_564060|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BB5719/2020|2020-11-20|EPI_ISL_702627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9B40D5/2020|2020-09-07|EPI_ISL_560071|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164ED2/2020|2020-05-28|EPI_ISL_479394|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B2247A/2020|2020-11-03|EPI_ISL_647440|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/CUNCI-HGC3I025/2020|2020-06-02|EPI_ISL_479691|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/Canada/QC-LSPQ-L00229212/2020|2020-03-20|EPI_ISL_535887|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Lithuania/C20-05-R10/2020|2020-05-20|EPI_ISL_560391|Original|hCoV-19^^Vilnius r.|Human|Vilnius University Hospital Santaros Klinikos|Institute of Biotechnology|Timinskas|Lithuania

>Spike|hCoV-19/England/CAMC-B78E77/2020|2020-11-12|EPI_ISL_667935|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA380D/2020|2020-10-22|EPI_ISL_625173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-112C8E/2020|2020-04-17|EPI_ISL_493605|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-AC5E12/2020|2020-10-14|EPI_ISL_631093|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D99A/2020|2020-12-10|EPI_ISL_731813|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5327/2020|2020-08-00|EPI_ISL_690430|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A6365A/2020|2020-10-12|EPI_ISL_596127|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Madagascar/IP-01861/2020|2020-03-22|EPI_ISL_508863|Original|hCoV-19^^Analamanga|Human|Virology Unit|Virology Unit|Heraud|Madagascar

>Spike|hCoV-19/Denmark/DCGC-8263/2020|2020-10-26|EPI_ISL_617314|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9C94E0/2020|2020-09-09|EPI_ISL_567435|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A61E36/2020|2020-10-12|EPI_ISL_706939|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FB13/2020|2020-10-15|EPI_ISL_608066|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1639-6740/2020|2020-08-03|EPI_ISL_753976|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Netherlands/ZE-RIVM-10295/2020|2020-10-12|EPI_ISL_636584|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/QEUA-9D0422/2020|2020-09-16|EPI_ISL_601841|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0C4D0/2020|2020-10-30|EPI_ISL_643502|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A06219/2020|2020-10-01|EPI_ISL_600117|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21139/2020|2020-12-21|EPI_ISL_758804|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_03471188/2020|2020-04-00|EPI_ISL_466750|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMC-B54600/2020|2020-11-08|EPI_ISL_658084|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A955BC/2020|2020-10-20|EPI_ISL_624679|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-UW256/2020|2020-03-14|EPI_ISL_418041|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-QDX-2091/2020|2020-03-18|EPI_ISL_604403|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/France/IDF-10050RA/2020|2020-03-00|EPI_ISL_447676|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/Australia/VIC6696/2020|2020-07-20|EPI_ISL_563998|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-114730/2020|2020-10-06|EPI_ISL_577192|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10552/2020|2020-06-11|EPI_ISL_570333|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B8D677/2020|2020-11-13|EPI_ISL_673986|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12A8BC/2020|2020-04-29|EPI_ISL_458504|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG371322/2020|2020-05-21|EPI_ISL_694572|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Spain/CT-IBV-97010120/2020|2020-07-22|EPI_ISL_683622|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/MB-NML-1170/2020|2020-08-03|EPI_ISL_582491|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Wales/PHWC-49544C/2020|2020-11-21|EPI_ISL_726347|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-22293/2020|2020-03-27|EPI_ISL_660390|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-MCoV-12910/2020|2020-08-18|EPI_ISL_788062|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7DE6E/2020|2020-04-06|EPI_ISL_442083|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11876/2020|2020-04-08|EPI_ISL_625598|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WA-UW-2928/2020|2020-03-29|EPI_ISL_486052|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-UW-710/2020|2020-06-30|EPI_ISL_491302|Original|hCoV-19^^California|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/ALDP-923095/2020|2020-06-23|EPI_ISL_553344|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/OR-OHSU-2965/2020|2020-08-24|EPI_ISL_667434|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/Australia/VIC14647/2020|2020-08-11|EPI_ISL_592932|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Hungary/UD-57951/2020|2020-09-02|EPI_ISL_671438|Original|hCoV-19^^Gy\u0151r-Moson-Sopron county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary
>Spike|hCoV-19/England/PORT-2F527F/2020|2020-00-00|EPI_ISL_703495|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/LOND-D89BB/2020|2020-04-14|EPI_ISL_492757|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-13188/2020|2020-11-30|EPI_ISL_712638|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/India/TG-CCMB-AA669/2020|2020-08-12|EPI_ISL_539655|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India
>Spike|hCoV-19/England/CAMB-7F7F8/2020|2020-04-09|EPI_ISL_470401|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Malaysia/IMR_WC1097/2020|2020-02-29|EPI_ISL_430441|Vero E6|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
>Spike|hCoV-19/England/QEUE-9AE2F6/2020|2020-09-02|EPI_ISL_637665|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/MILK-9A8B6A/2020|2020-09-01|EPI_ISL_549971|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-49288F/2020|2020-11-29|EPI_ISL_725712|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-A6D73F/2020|2020-10-15|EPI_ISL_608268|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/CVR2258/2020|2020-04-12|EPI_ISL_453035|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Netherlands/ZH-EMC-453/2020|2020-08-12|EPI_ISL_523791|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Wales/PHWC-495C35/2020|2020-11-25|EPI_ISL_726459|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/NORW-E9C45/2020|2020-04-29|EPI_ISL_448356|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/CAMB-7D3D8/2020|2020-04-05|EPI_ISL_442298|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DE7D0/2020|2020-09-21|EPI_ISL_581182|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_6849-10/2020|2020-05-14|EPI_ISL_577631|Original|hCoV-19^^Central Bohemia Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/South Africa/KRISP-K003367/2020|2020-09-04|EPI_ISL_602758|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/VIC5259/2020|2020-07-19|EPI_ISL_520024|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-4628/2020|2020-09-21|EPI_ISL_621297|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-982B66/2020|2020-08-10|EPI_ISL_552706|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4911C1/2020|2020-11-16|EPI_ISL_706623|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-B0B0E/2020|2020-04-27|EPI_ISL_478937|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18053/2020|2020-12-14|EPI_ISL_749205|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_426/2020|2020-04-06|EPI_ISL_455228|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/ARA97193/2020|2020-10-29|EPI_ISL_640011|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-A69083/2020|2020-10-12|EPI_ISL_608999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_8/2020|2020-03-19|EPI_ISL_422647|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-QDX-1712/2020|2020-03-18|EPI_ISL_604040|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-8883/2020|2020-08-00|EPI_ISL_686429|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S2173/2020|2020-06-08|EPI_ISL_497601|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000860/2020|2020-03-26|EPI_ISL_632236|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-960348/2020|2020-08-04|EPI_ISL_531883|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204291000/2020|2020-10-16|EPI_ISL_613615|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E834/2020|2020-10-07|EPI_ISL_585776|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Morocco/FMP-30/2020|2020-12-00|EPI_ISL_728363|Original|hCoV-19^^Rabat|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Oudghiri|Morocco

>Spike|hCoV-19/USA/AZ-TG366730/2020|2020-06-02|EPI_ISL_694489|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Gambia/GC19-3374/2020|2020-07-27|EPI_ISL_561065|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/France/PAC-IHU-0485/2020|2020-04-03|EPI_ISL_569542|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Hong Kong/VM20009654/2020|2020-04-05|EPI_ISL_444038|Original|hCoV-19^^Hong Kong|Human|Princess Margaret Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Australia/NSW573/2020|2020-03-20|EPI_ISL_478685|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMB-71D7C/2020|2020-03-31|EPI_ISL_439599|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A674A7/2020|2020-10-12|EPI_ISL_630662|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1715/2020|2020-04-00|EPI_ISL_685321|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH772/2020|2020-04-18|EPI_ISL_513242|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/TX-HMH-5702/2020|2020-06-25|EPI_ISL_546954|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC3294/2020|2020-07-05|EPI_ISL_520973|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9CA6CB/2020|2020-09-10|EPI_ISL_567278|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5A5563/2020|2020-06-15|EPI_ISL_558675|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1088/2020|2020-04-00|EPI_ISL_684698|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-3308C/2020|2020-04-14|EPI_ISL_446731|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10101/2020|2020-04-06|EPI_ISL_427352|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MA-MGH-02749/2020|2020-09-24|EPI_ISL_765614|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-A67814/2020|2020-10-12|EPI_ISL_630582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2696/2020|2020-03-14|EPI_ISL_605041|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Thailand/WU15-3/2020|2020-03-17|EPI_ISL_450961|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/Wales/PHWC-4800AA/2020|2020-10-22|EPI_ISL_612848|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW1226/2020|2020-11-29|EPI_ISL_710124|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|CIDM-PH et al.|Gall|Australia

>Spike|hCoV-19/USA/WA-UW-2909/2020|2020-03-28|EPI_ISL_486047|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MA-UW-673/2020|2020-06-26|EPI_ISL_491317|Original|hCoV-19^^Massachusetts|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-6E492F/2020|2020-06-30|EPI_ISL_557645|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26544535/2020|2020-04-18|EPI_ISL_485117|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Japan/PG-3745/2020|2020-04-00|EPI_ISL_691998|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/OV-RIVM-20671/2020|2020-12-12|EPI_ISL_790741|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-AF0FA2/2020|2020-10-30|EPI_ISL_662863|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10676/2020|2020-11-02|EPI_ISL_670129|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5620/2020|2020-08-00|EPI_ISL_688745|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-BBDDC4/2020|2020-11-21|EPI_ISL_702761|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-CB2BD3/2020|2020-12-01|EPI_ISL_760858|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-82446/2020|2020-04-12|EPI_ISL_443592|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96FF81/2020|2020-08-18|EPI_ISL_568410|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-326/2020|2020-04-01|EPI_ISL_476554|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22584/2020|2020-11-23|EPI_ISL_737142|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-15-8/2020|2020-06-21|EPI_ISL_523027|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/LA-EVTL203/2020|2020-08-11|EPI_ISL_574337|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/OR-OHSU-0516/2020|2020-06-05|EPI_ISL_525830|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/Hong Kong/VM20104573/2020|2020-08-11|EPI_ISL_637028|Original|hCoV-19^^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/France/IDF-10030NV/2020|2020-03-00|EPI_ISL_447663|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/Scotland/QEUA-96AAD0/2020|2020-08-17|EPI_ISL_534672|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-

University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/AK-PHL193/2020|2020-04-09|EPI_ISL_435444|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA
>Spike|hCoV-19/England/MILK-9C2C76/2020|2020-09-10|EPI_ISL_566678|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Mexico/BCN-ALSR-2485/2020|2020-05-26|EPI_ISL_635496|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u221a\u2265tico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico
>Spike|hCoV-19/USA/UT-QDX-1825/2020|2020-03-14|EPI_ISL_604144|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Netherlands/UT-EMC-114/2020|2020-10-12|EPI_ISL_632637|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Scotland/CVR3484/2020|2020-05-12|EPI_ISL_456876|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/CAMC-A64D18/2020|2020-10-11|EPI_ISL_608472|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-75992/2020|2020-03-31|EPI_ISL_438279|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/Spain/NC-IBV-001413/2020|2020-03-20|EPI_ISL_452488|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/USA/AZ-TG486581/2020|2020-07-08|EPI_ISL_695089|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/England/QEUA-A8B328/2020|2020-10-16|EPI_ISL_643045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-B2DE71/2020|2020-11-03|EPI_ISL_646308|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/BE-ChVir-W1082-8115/2020|2020-04-05|EPI_ISL_753934|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany
>Spike|hCoV-19/Japan/PG-0614/2020|2020-04-00|EPI_ISL_684224|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/QEUA-95E5A1/2020|2020-08-09|EPI_ISL_532438|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-58/2020|2020-03-23|EPI_ISL_421316|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Spain/PV-IBV-98008447/2020|2020-10-23|EPI_ISL_654610|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/England/QEUA-9B937D/2020|2020-09-07|EPI_ISL_549561|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-UHB-42191589/2020|2020-03-15|EPI_ISL_528102|Original|hCoV-19^^Solothurn|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-5600/2020|2020-09-28|EPI_ISL_620925|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-494049/2020|2020-11-14|EPI_ISL_726058|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11405/2020|2020-11-02|EPI_ISL_670894|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-L34-CD883/2020|2020-04-23|EPI_ISL_722049|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/USA/CA-ALSR-1546/2020|2020-05-11|EPI_ISL_494655|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/EDB3520/2020|2020-04-13|EPI_ISL_439278|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_Hafiz Riad/2020|2020-06-28|EPI_ISL_774952|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/ALDP-BC7DB8/2020|2020-11-23|EPI_ISL_721244|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20643/2020|2020-12-14|EPI_ISL_790716|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-16470/2020|2020-11-16|EPI_ISL_714787|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AEFBC0/2020|2020-10-29|EPI_ISL_662834|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-82D87/2020|2020-04-13|EPI_ISL_443578|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-S1775/2020|2020-06-01|EPI_ISL_496201|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-766D6/2020|2020-03-30|EPI_ISL_438421|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-102E30/2020|2020-04-20|EPI_ISL_489173|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08137/2020|2020-10-29|EPI_ISL_643912|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW208/2020|2020-03-20|EPI_ISL_427753|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/NJ-NYUMC376/2020|2020-04-10|EPI_ISL_430403|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-B7437C/2020|2020-11-12|EPI_ISL_661964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A76BCE/2020|2020-10-13|EPI_ISL_665975|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2474/2020|2020-12-28|EPI_ISL_759748|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Netherlands/NB-EMC-432/2020|2020-11-08|EPI_ISL_722314|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-02756/2020|2020-04-29|EPI_ISL_513643|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Shenzhen/SZTH-004/2020|2020-01-16|EPI_ISL_406595|Original|hCoV-19^^Guangdong|Human|Shenzhen Key Laboratory of Pathogen and Immunity|Shenzhen Key Laboratory of Pathogen and Immunity|Chenguang|China

>Spike|hCoV-19/USA/TX-DSHS-0883/2020|2020-06-16|EPI_ISL_610019|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Netherlands/Gelderland_16/2020|2020-04-03|EPI_ISL_460652|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-C309B5/2020|2020-12-07|EPI_ISL_782804|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200604/2020|2020-11-23|EPI_ISL_753130|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUH-B9EB38/2020|2020-11-18|EPI_ISL_719954|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B85D7A/2020|2020-11-13|EPI_ISL_674081|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F4F36/2020|2020-09-27|EPI_ISL_638918|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9CA1F7/2020|2020-09-09|EPI_ISL_576082|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B09048/2020|2020-10-29|EPI_ISL_673220|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B0EA27/2020|2020-11-02|EPI_ISL_642117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9623/2020|2020-07-03|EPI_ISL_780151|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS2776427/2020|2020-10-21|EPI_ISL_740191|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-49E3DD/2020|2020-12-07|EPI_ISL_742997|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6795D/2020|2020-10-12|EPI_ISL_630635|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9371/2020|2020-08-20|EPI_ISL_565526|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20099069504/2020|2020-02-29|EPI_ISL_464215|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29DFB/2020|2020-04-04|EPI_ISL_432259|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-72582/2020|2020-03-23|EPI_ISL_439921|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Peru/LIM-010/2020|2020-03-10|EPI_ISL_415787|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud. Peru|Laboratorio de Referencia Nacional de Biotecnologia y Biologia Molecular.Instituto Nacional de Salud.Peru|Padilla Rojas|Peru

>Spike|hCoV-19/England/ALDP-A504CF/2020|2020-10-07|EPI_ISL_597781|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3393/2020|2020-07-07|EPI_ISL_521072|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20156055104/2020|2020-04-07|EPI_ISL_466344|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-9C99A5/2020|2020-09-10|EPI_ISL_567477|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C9A0/2020|2020-11-19|EPI_ISL_742625|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004011/2020|2020-10-12|EPI_ISL_634996|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B38EBF/2020|2020-11-01|EPI_ISL_658770|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204221455/2020|2020-00-00|EPI_ISL_593822|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BIRM-61D7F/2020|2020-03-26|EPI_ISL_529608|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1829/2020|2020-05-04|EPI_ISL_622575|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/GCVR-171DA8/2020|2020-03-27|EPI_ISL_524567|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4698/2020|2020-07-18|EPI_ISL_519086|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/EXET-13E949/2020|2020-12-13|EPI_ISL_763703|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/BRIS-12CAE1/2020|2020-04-18|EPI_ISL_481955|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16266/2020|2020-10-30|EPI_ISL_785950|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A9530D/2020|2020-10-20|EPI_ISL_624573|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC389/2020|2020-04-13|EPI_ISL_430416|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-19596/2020|2020-12-07|EPI_ISL_749049|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-1570/2020|2020-03-18|EPI_ISL_603947|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9CC08F/2020|2020-09-17|EPI_ISL_575671|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C53F8D/2020|2020-12-12|EPI_ISL_736404|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F4CD5/2020|2020-09-27|EPI_ISL_600718|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4118/2020|2020-03-31|EPI_ISL_427243|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-A98364/2020|2020-12-26|EPI_ISL_763518|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-A296F/2020|2020-06-09|EPI_ISL_500012|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH3-190/2020|2020-03-16|EPI_ISL_455384|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Norway/3401/2020|2020-09-10|EPI_ISL_590889|Original|hCoV-19^^Viken|Human|Akershus University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/CA-SR0255/2020|2020-03-30|EPI_ISL_437557|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/United Arab Emirates/0805/2020|2020-05-19|EPI_ISL_698944|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-A2E8EC/2020|2020-10-05|EPI_ISL_587233|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5373/2020|2020-10-22|EPI_ISL_651310|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-B39461/2020|2020-11-01|EPI_ISL_658984|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205121224/2020|2020-00-00|EPI_ISL_766350|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Denmark/DCGC-6487/2020|2020-10-05|EPI_ISL_620387|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/SD-UW-MAYO73/2020|2020-04-02|EPI_ISL_500517|Original|hCoV-19^^South Dakota|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13387/2020|2020-08-24|EPI_ISL_788530|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5840/2020|2020-05-21|EPI_ISL_700592|Original|hCoV-19^^Western Cape|Human|Dr Abdurahman CDC wc DAC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Taiwan/NTU27/2020|2020-04-13|EPI_ISL_447621|Vero E6|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/Scotland/QEUH-B68C25/2020|2020-11-11|EPI_ISL_676376|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12674/2020|2020-08-03|EPI_ISL_640405|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-IBV-99007345/2020|2020-08-28|EPI_ISL_582829|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B24CDA/2020|2020-11-04|EPI_ISL_646917|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96D572/2020|2020-08-19|EPI_ISL_534630|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1178/2020|2020-08-09|EPI_ISL_522933|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Singapore/1456/2020|2020-12-11|EPI_ISL_728192|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Spain/CT-IBV-005636/2020|2020-04-22|EPI_ISL_508668|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/BIRM-63E98/2020|2020-09-04|EPI_ISL_576893|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-8485/2020|2020-06-00|EPI_ISL_687584|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A79B52/2020|2020-10-15|EPI_ISL_606658|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC245/2020|2020-03-21|EPI_ISL_419940|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-1609/2020|2020-04-07|EPI_ISL_468538|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13217/2020|2020-08-26|EPI_ISL_788368|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B23628/2020|2020-11-04|EPI_ISL_647041|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8C187/2020|2020-10-16|EPI_ISL_643050|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14072/2020|2020-08-14|EPI_ISL_787358|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7A69C/2020|2020-10-15|EPI_ISL_606804|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1109/2020|2020-04-07|EPI_ISL_430618|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/South Africa/KRISP-K000631/2020|2020-07-04|EPI_ISL_509282|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-B81B47/2020|2020-11-14|EPI_ISL_667962|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A8A64/2020|2020-03-25|EPI_ISL_539109|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2097/2020|2020-10-20|EPI_ISL_683726|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/FL-BPHL-0729/2020|2020-07-14|EPI_ISL_509787|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WI-GMF-10889/2020|2020-07-15|EPI_ISL_547618|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-A2D3DD/2020|2020-10-05|EPI_ISL_586584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004226/2020|2020-04-04|EPI_ISL_510508|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Northern Ireland/NIRE-234353/2020|2020-10-15|EPI_ISL_680373|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Australia/VIC3850/2020|2020-07-12|EPI_ISL_520563|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15452/2020|2020-11-23|EPI_ISL_713832|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4268/2020|2020-07-15|EPI_ISL_519596|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-13411/2020|2020-11-30|EPI_ISL_712781|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR5559/2020|2020-10-26|EPI_ISL_650747|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4109/2020|2020-09-14|EPI_ISL_622065|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-3667/2020|2020-06-03|EPI_ISL_636138|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/South Korea/KCDC2319/2020|2020-05-26|EPI_ISL_510655|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMC-BC0186/2020|2020-11-22|EPI_ISL_704730|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-05574/2020|2020-06-01|EPI_ISL_575227|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC3251/2020|2020-07-09|EPI_ISL_520931|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CSMC37/2020|2020-04-03|EPI_ISL_475648|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/CAMB-7D2CC/2020|2020-04-06|EPI_ISL_442267|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-C488F9/2020|2020-12-12|EPI_ISL_736557|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0297/2020|2020-03-28|EPI_ISL_479974|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B10F50/2020|2020-11-02|EPI_ISL_642407|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/STA-RII-MH2782S/2020|2020-09-23|EPI_ISL_602447|Original|hCoV-19^^Stavropol|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUEH-B6B150/2020|2020-11-11|EPI_ISL_662378|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A511/2020|2020-12-06|EPI_ISL_731416|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B3F1D/2020|2020-06-07|EPI_ISL_473455|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD41DB/2020|2020-10-24|EPI_ISL_634631|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-167EFD/2020|2020-06-08|EPI_ISL_494174|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480AAC/2020|2020-10-18|EPI_ISL_612966|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Overijssel_5/2020|2020-04-05|EPI_ISL_460824|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/VD-ETHZ-270113/2020|2020-09-03|EPI_ISL_541487|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-165BF8/2020|2020-04-16|EPI_ISL_490780|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9707/2020|2020-03-24|EPI_ISL_672156|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-874/2020|2020-05-04|EPI_ISL_614794|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B776CB/2020|2020-11-12|EPI_ISL_668169|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001479/2020|2020-11-27|EPI_ISL_745413|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LIVE-DB3C29/2020|2020-10-21|EPI_ISL_651499|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C7EB/2020|2020-03-31|EPI_ISL_445913|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13377/2020|2020-05-13|EPI_ISL_672453|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-B7794A/2020|2020-11-11|EPI_ISL_661712|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1205A0/2020|2020-12-08|EPI_ISL_725629|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19985/2020|2020-12-07|EPI_ISL_747910|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8049/2020|2020-09-00|EPI_ISL_687150|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9F285B/2020|2020-09-25|EPI_ISL_589160|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A9D2F9/2020|2020-10-20|EPI_ISL_727778|Original|hCoV-19^^Scotland|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0494-SAN/2020|2020-03-31|EPI_ISL_483179|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-Wadsworth-269636-01/2020|2020-11-10|EPI_ISL_734439|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-21735/2020|2020-12-21|EPI_ISL_758335|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7881A/2020|2020-04-07|EPI_ISL_433777|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Morocco/FMP-44/2020|2020-12-15|EPI_ISL_775220|Original|hCoV-19^^Temara|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahdghiri|Morocco

>Spike|hCoV-19/Australia/VIC6717/2020|2020-07-25|EPI_ISL_564008|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9DD71D/2020|2020-09-21|EPI_ISL_599529|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr230/2020|2020-08-05|EPI_ISL_636850|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/ALDP-9E9CE2/2020|2020-09-24|EPI_ISL_580143|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E043E/2020|2020-09-20|EPI_ISL_601370|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/3837/2020|2020-04-25|EPI_ISL_447248|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/USA/NY-WCMP10G06P/2020|2020-03-15|EPI_ISL_427577|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/Singapore/825/2020|2020-08-11|EPI_ISL_516825|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Hong Kong/CM20000427/2020|2020-12-08|EPI_ISL_733578|Original|hCoV-19^^Hong Kong|Human|Temporary Specimen Collection Centre|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/England/CAMB-1B822E/2020|2020-10-22|EPI_ISL_638385|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10296/2020|2020-11-02|EPI_ISL_669882|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/GCVR-1714C1/2020|2020-03-28|EPI_ISL_489652|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG359461/2020|2020-06-05|EPI_ISL_694449|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC8805/2020|2020-07-31|EPI_ISL_565207|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-IHU-1625/2020|2020-09-10|EPI_ISL_569234|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/WA-UW175/2020|2020-03-15|EPI_ISL_416713|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/rega-0917993/2020|2020-09-17|EPI_ISL_734985|Original|hCoV-19^^Sint-Stevens-Woluwe|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/WA-UW-23394/2020|2020-08-11|EPI_ISL_576443|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-3356/2020|2020-07-14|EPI_ISL_548312|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Belgium/ULG-10484/2020|2020-09-23|EPI_ISL_581649|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Scotland/GCVR-1718F2/2020|2020-03-28|EPI_ISL_489701|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-6A5966/2020|2020-07-02|EPI_ISL_551778|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7009/2020|2020-06-28|EPI_ISL_546428|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-02132/2020|2020-04-14|EPI_ISL_470734|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12005/2020|2020-09-15|EPI_ISL_790164|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A57A5D/2020|2020-10-09|EPI_ISL_597340|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6149/2020|2020-06-23|EPI_ISL_547271|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-963E62/2020|2020-08-07|EPI_ISL_531542|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D305/2020|2020-12-10|EPI_ISL_736766|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1750/2020|2020-06-01|EPI_ISL_496176|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-1337/2020|2020-06-01|EPI_ISL_618011|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16D765/2020|2020-09-25|EPI_ISL_577442|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_21146111/2020|2020-03-00|EPI_ISL_462794|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/QEUA-9F805D/2020|2020-09-27|EPI_ISL_588965|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CE9B8/2020|2020-04-07|EPI_ISL_499348|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0346/2020|2020-09-15|EPI_ISL_579098|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/MA-MGH-00823/2020|2020-04-13|EPI_ISL_791780|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/South Africa/KRISP-K002437/2020|2020-07-30|EPI_ISL_515794|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-B5CA2A/2020|2020-11-08|EPI_ISL_655934|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD79F/2020|2020-10-01|EPI_ISL_587806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUA-AD42C9/2020|2020-10-26|EPI_ISL_647929|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-80A0A/2020|2020-04-10|EPI_ISL_470469|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000883/2020|2020-03-24|EPI_ISL_484733|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Canada/ON-UHTC-0262/2020|2020-06-16|EPI_ISL_570006|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUA-7F31BB/2020|2020-07-19|EPI_ISL_532840|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0082/2020|2020-03-30|EPI_ISL_437276|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Finland/17A73S13/2020|2020-04-17|EPI_ISL_481585|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-6FCBD3/2020|2020-06-29|EPI_ISL_557423|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11982/2020|2020-09-07|EPI_ISL_670517|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8271/2020|2020-10-26|EPI_ISL_617089|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-495A59/2020|2020-11-25|EPI_ISL_726431|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/QEUA-A89C6B/2020|2020-10-16|EPI_ISL_639629|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LOND-D51E3/2020|2020-04-15|EPI_ISL_449687|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2554/2020|2020-08-17|EPI_ISL_616530|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AF1D2/2020|2020-04-29|EPI_ISL_459273|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26791756/2020|2020-04-06|EPI_ISL_485371|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/CAMB-1BAC5B/2020|2020-11-12|EPI_ISL_664717|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-1719/2020|2020-03-16|EPI_ISL_604028|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Czech Republic/NRL_9743/2020|2020-10-07|EPI_ISL_626606|Original|hCoV-19^^Central Bohemian Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/CAMC-C984AB/2020|2020-12-18|EPI_ISL_777581|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1578/2020|2020-09-16|EPI_ISL_568676|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-9EE55B/2020|2020-09-23|EPI_ISL_580801|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200300/2020|2020-08-11|EPI_ISL_752859|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/FL-BPHL-1339/2020|2020-07-14|EPI_ISL_541277|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC3902/2020|2020-07-13|EPI_ISL_520614|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-UCLA-238/2020|2020-06-15|EPI_ISL_537544|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/QEUA-C54520/2020|2020-12-12|EPI_ISL_736398|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VS-ETHZ-120022/2020|2020-04-17|EPI_ISL_468219|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-9C2827/2020|2020-09-10|EPI_ISL_566449|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0517/2020|2020-03-21|EPI_ISL_454241|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Jordan/AM-ALSR-4057/2020|2020-10-03|EPI_ISL_636417|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14889/2020|2020-10-14|EPI_ISL_786373|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-964238/2020|2020-08-11|EPI_ISL_536917|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/FVG-ICGEB-S14/2020|2020-03-30|EPI_ISL_428853|Vero E6 P1|hCoV-19^^Friuli Venezia Giulia|Human|Laboratory of Molecular Virology International Center for Genetic Engineering and Biotechnology (ICGEB)|ARGO Open Lab Platform for Genome Sequencing|Marcello|Italy

>Spike|hCoV-19/England/ALDP-9ED02E/2020|2020-05-04|EPI_ISL_589470|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0574/2020|2020-05-16|EPI_ISL_698732|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-B5563C/2020|2020-11-05|EPI_ISL_657571|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AE00037/2020|2020-10-02|EPI_ISL_708729|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/Belgium/ULG-10608/2020|2020-09-04|EPI_ISL_626250|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-95118C/2020|2020-06-13|EPI_ISL_554198|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2100/2020|2020-03-04|EPI_ISL_498001|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/EXET-13F201/2020|2020-12-15|EPI_ISL_763532|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1387/2020|2020-07-22|EPI_ISL_541324|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-A6B388/2020|2020-10-08|EPI_ISL_608710|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1328/2020|2020-11-17|EPI_ISL_720127|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2339/2020|2020-11-13|EPI_ISL_728105|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-ALSR-3464/2020|2020-09-15|EPI_ISL_636041|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/MD-IBV-003694/2020|2020-04-02|EPI_ISL_467229|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-A9CE9C/2020|2020-10-20|EPI_ISL_650386|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-7671/2020|2020-10-27|EPI_ISL_681801|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMC-B99F04/2020|2020-11-15|EPI_ISL_673649|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/165/2020|2020-03-15|EPI_ISL_417808|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Denmark/DCGC-1281/2020|2020-06-01|EPI_ISL_622419|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-4791/2020|2020-06-22|EPI_ISL_544334|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-94F3A9/2020|2020-06-19|EPI_ISL_555873|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20497/2020|2020-05-07|EPI_ISL_460035|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-SURV0985/2020|2020-03-19|EPI_ISL_436079|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/EDB2120/2020|2020-04-20|EPI_ISL_491527|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4489/2020|2020-07-00|EPI_ISL_692712|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/UP-NBRI-N34-TDV641/2020|2020-05-15|EPI_ISL_516963|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/England/CAMC-947A15/2020|2020-07-22|EPI_ISL_556923|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6133/2020|2020-07-04|EPI_ISL_547264|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-A4D52/2020|2020-03-02|EPI_ISL_500085|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC6145/2020|2020-07-22|EPI_ISL_518156|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/VC-IBV-98003614/2020|2020-03-17|EPI_ISL_538629|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS4787447/2020|2020-11-15|EPI_ISL_740545|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Brazil/SC-L12-CD218/2020|2020-03-20|EPI_ISL_476216|Original|hCoV-19^^Santa Catarina|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/NM-DOH-2020315509/2020|2020-08-27|EPI_ISL_574290|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/BIRM-69FBD/2020|2020-11-09|EPI_ISL_679010|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-961857/2020|2020-08-02|EPI_ISL_537060|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-N4893/2020|2020-05-28|EPI_ISL_528617|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Mexico/BCN-ALSR-2563/2020|2020-07-06|EPI_ISL_635566|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Wales/PHWC-16F8F7/2020|2020-10-05|EPI_ISL_586037|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Finland/10A1S14/2020|2020-04-10|EPI_ISL_481519|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-B56316/2020|2020-11-05|EPI_ISL_657550|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000161/2020|2020-04-08|EPI_ISL_631697|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-9CAFBI/2020|2020-09-16|EPI_ISL_575729|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S37/2020|2020-03-04|EPI_ISL_417090|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/WA-UW-2320/2020|2020-03-30|EPI_ISL_477712|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Spain/MD-IBV-99008745/2020|2020-10-16|EPI_ISL_654258|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-489706/2020|2020-10-28|EPI_ISL_639608|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/KA-IB60/2020|2020-06-19|EPI_ISL_511950|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS-CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/204881129/2020|2020-11-25|EPI_ISL_754332|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020321219/2020|2020-09-03|EPI_ISL_575291|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/England/20129147804/2020|2020-03-21|EPI_ISL_424116|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008882/2020|2020-05-26|EPI_ISL_524996|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/CN-IBV-97006522/2020|2020-04-06|EPI_ISL_561371|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00e9|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-C3CED8/2020|2020-12-10|EPI_ISL_731245|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG280836/2020|2020-04-22|EPI_ISL_694178|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-A415EC/2020|2020-10-03|EPI_ISL_609366|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5442/2020|2020-09-21|EPI_ISL_620767|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C5CACF/2020|2020-12-14|EPI_ISL_769533|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B408A7/2020|2020-11-08|EPI_ISL_657308|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB11089/2020|2020-12-10|EPI_ISL_764359|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Spain/MD-ISCIII-2015114/2020|2020-09-09|EPI_ISL_691730|Original|hCoV-19^^Madrid|Human|Hospital Universitario Severo Ochoa|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/CAMB-1BC169/2020|2020-11-23|EPI_ISL_723852|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-B62511/2020|2020-11-08|EPI_ISL_656551|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA374C/2020|2020-10-22|EPI_ISL_623938|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20664/2020|2020-12-21|EPI_ISL_758757|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/FR-ETHZ-350297/2020|2020-10-30|EPI_ISL_728873|Original|hCoV-19^^Fribourg|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-3732/2020|2020-08-31|EPI_ISL_615512|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10851/2020|2020-11-06|EPI_ISL_666886|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUEH-96C160/2020|2020-08-15|EPI_ISL_530925|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A4FC07/2020|2020-10-07|EPI_ISL_597591|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-123385/2020|2020-04-06|EPI_ISL_442687|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/OXON-B4162/2020|2020-03-27|EPI_ISL_534934|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B73920/2020|2020-11-12|EPI_ISL_662478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13871/2020|2020-08-17|EPI_ISL_739631|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-99382F/2020|2020-08-26|EPI_ISL_552319|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00232511/2020|2020-03-22|EPI_ISL_535988|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/CA-ALSR-3135/2020|2020-08-24|EPI_ISL_635867|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Foshan/20SF211/2020|2020-01-22|EPI_ISL_406536|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention; Guangdong Provincial Public Health|Guangdong Provincial Center for Diseases Control and Prevention|Lu|China

>Spike|hCoV-19/England/LIVE-9E17D/2020|2020-04-03|EPI_ISL_453272|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC12803/2020|2020-09-10|EPI_ISL_563596|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-750F7/2020|2020-03-16|EPI_ISL_440436|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1059/2020|2020-04-08|EPI_ISL_437059|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/MILK-97361C/2020|2020-08-20|EPI_ISL_575975|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10959/2020|2020-09-07|EPI_ISL_707738|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Switzerland/GE-ETHZ-320595/2020|2020-10-12|EPI_ISL_737753|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUEH-96D6D9/2020|2020-08-20|EPI_ISL_534566|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12A676/2020|2020-05-01|EPI_ISL_458300|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19937/2020|2020-12-07|EPI_ISL_747877|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AD6F3/2020|2020-05-01|EPI_ISL_447998|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1964/2020|2020-04-10|EPI_ISL_653117|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NORT-1B62AE2/2020|2020-11-28|EPI_ISL_706281|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/CVR5690/2020|2020-11-08|EPI_ISL_651911|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Portugal/PT1492/2020|2020-03-31|EPI_ISL_511451|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-10037/2020|2020-11-09|EPI_ISL_669352|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NV-NSPHL-A0183/2020|2020-05-19|EPI_ISL_515440|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/MD-MDH-0216/2020|2020-09-17|EPI_ISL_560829|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/PORT-2EA8D5/2020|2020-00-00|EPI_ISL_702795|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10682/2020|2020-07-09|EPI_ISL_789587|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/ME-HETL-J0034/2020|2020-03-17|EPI_ISL_513446|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Denmark/DCGC-6771/2020|2020-10-12|EPI_ISL_619467|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1557/2020|2020-06-26|EPI_ISL_693529|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-16246/2020|2020-11-16|EPI_ISL_714662|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B7625F/2020|2020-11-12|EPI_ISL_723748|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-28157-01/2020|2020-03-24|EPI_ISL_525630|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/CAMB-1B6606/2020|2020-00-00|EPI_ISL_584293|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49585F/2020|2020-11-24|EPI_ISL_726405|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B51551/2020|2020-11-08|EPI_ISL_657917|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCE20D/2020|2020-11-26|EPI_ISL_704296|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5CF220/2020|2020-06-15|EPI_ISL_558574|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5437/2020|2020-04-11|EPI_ISL_473819|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/NORW-21F7CB/2020|2020-12-08|EPI_ISL_725050|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A66B85/2020|2020-10-12|EPI_ISL_630386|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-66B128/2020|2020-07-03|EPI_ISL_558071|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7CA4D/2020|2020-04-05|EPI_ISL_442199|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-976585/2020|2020-08-20|EPI_ISL_575833|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/331/2020|2020-03-14|EPI_ISL_417660|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Wales/PHWC-48BFDF/2020|2020-11-02|EPI_ISL_666377|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD974/2020|2020-09-16|EPI_ISL_566298|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E72F/2020|2020-10-15|EPI_ISL_607714|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13449/2020|2020-09-09|EPI_ISL_672472|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV0351v1/2020|2020-05-02|EPI_ISL_644301|Original|hCoV-19^^Wicklow|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-A68479/2020|2020-10-12|EPI_ISL_608372|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42356724/2020|2020-07-17|EPI_ISL_581889|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/LOND-1264CA7/2020|2020-11-23|EPI_ISL_724554|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-81984/2020|2020-04-12|EPI_ISL_591092|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A88A/2020|2020-10-29|EPI_ISL_652608|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Overijssel_16/2020|2020-04-13|EPI_ISL_460805|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-1257/2020|2020-04-02|EPI_ISL_542616|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/EXET-13AD7E/2020|2020-11-10|EPI_ISL_665094|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMB-1BA505/2020|2020-11-14|EPI_ISL_679156|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4035/2020|2020-10-03|EPI_ISL_636395|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Germany/TH-RKI-NP-0048/2020|2020-12-11|EPI_ISL_763003|Original|hCoV-19^^Thuringia|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/England/QEUH-961C00/2020|2020-08-01|EPI_ISL_537126|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20119004204/2020|2020-03-12|EPI_ISL_465011|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B21235/2020|2020-11-02|EPI_ISL_647607|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00054/2020|2020-12-18|EPI_ISL_754129|Original|hCoV-19^^California|Human|USC Clinical Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Australia/VIC3066/2020|2020-07-09|EPI_ISL_520773|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-168F35/2020|2020-04-01|EPI_ISL_499369|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_57/2020|2020-05-18|EPI_ISL_460956|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC4777/2020|2020-07-18|EPI_ISL_519163|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-4680/2020|2020-08-00|EPI_ISL_689817|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-5269/2020|2020-08-00|EPI_ISL_690372|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG333885/2020|2020-05-28|EPI_ISL_694363|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13225/2020|2020-08-25|EPI_ISL_788376|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-A3143D/2020|2020-10-05|EPI_ISL_595887|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654313/2020|2020-04-13|EPI_ISL_695968|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-16F4E4/2020|2020-10-03|EPI_ISL_585976|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0291/2020|2020-11-00|EPI_ISL_667720|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-3283/2020|2020-07-17|EPI_ISL_548333|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/VA-DCLS-0438/2020|2020-05-02|EPI_ISL_477654|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/C200045997/2020|2020-11-11|EPI_ISL_664095|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC8837/2020|2020-07-23|EPI_ISL_565226|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-1B72144/2020|2020-11-24|EPI_ISL_724855|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A0BDAA/2020|2020-10-03|EPI_ISL_585599|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7522/2020|2020-11-00|EPI_ISL_740691|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/England/ALDP-B1F883/2020|2020-11-01|EPI_ISL_649485|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S964/2020|2020-05-01|EPI_ISL_463454|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/South Korea/KCDC2043/2020|2020-02-19|EPI_ISL_471449|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/SHEF-CC96F/2020|2020-05-26|EPI_ISL_535077|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01303/2020|2020-06-00|EPI_ISL_548906|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Belgium/ULG-10633/2020|2020-10-26|EPI_ISL_636612|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Scotland/QEUH-A4C7FA/2020|2020-10-08|EPI_ISL_596002|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/India/UP-NBRI-N39-TDV163/2020|2020-05-15|EPI_ISL_516968|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/England/ALDP-CC05E3/2020|2020-12-19|EPI_ISL_760734|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1069B3/2020|2020-05-16|EPI_ISL_500964|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB2610/2020|2020-10-23|EPI_ISL_623841|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9D4910/2020|2020-09-19|EPI_ISL_601738|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1393/2020|2020-05-07|EPI_ISL_494581|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-5C998B/2020|2020-06-19|EPI_ISL_558418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13089/2020|2020-05-08|EPI_ISL_672346|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Luxembourg/LNS1290799/2020|2020-10-29|EPI_ISL_739914|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/SHEF-C7876/2020|2020-06-15|EPI_ISL_484470|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B7CDA3/2020|2020-11-14|EPI_ISL_742247|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/DL-MaxCov0019-CSIR-IGIB/2020|2020-05-08|EPI_ISL_459921|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB|Max|Pandey|India

>Spike|hCoV-19/USA/WI-UW-283/2020|2020-04-06|EPI_ISL_436577|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/CA-ALSR-1560/2020|2020-05-11|EPI_ISL_494661|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/USA/MI-UM-2006S001011/2020|2020-04-07|EPI_ISL_484790|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/Denmark/DCGC-1170/2020|2020-03-16|EPI_ISL_614664|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Netherlands/LI-RIVM-20649/2020|2020-12-16|EPI_ISL_790722|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/MN-MDH-1948/2020|2020-09-18|EPI_ISL_613478|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19/England/LOND-124DD29/2020|2020-00-00|EPI_ISL_584647|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom
>Spike|hCoV-19/Australia/VIC4077/2020|2020-07-09|EPI_ISL_519459|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Canada/ON-E39/2020|2020-05-26|EPI_ISL_593517|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada
>Spike|hCoV-19/Scotland/EDB1072/2020|2020-04-06|EPI_ISL_433382|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-A01384/2020|2020-10-02|EPI_ISL_595805|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC22394/2020|2020-11-12|EPI_ISL_708374|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/Wales/QEUH-AD5899/2020|2020-10-26|EPI_ISL_647937|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC6198/2020|2020-07-23|EPI_ISL_518200|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/BIRM-65D20/2020|2020-10-09|EPI_ISL_612221|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/Czech Republic/NRL_4105/2020|2020-03-20|EPI_ISL_491094|Original|hCoV-19^^Plze\u0148|Human|The National Institute of Public Health|The National Institute of Public Health and State Veterinary Institute Prague|Nagy|Czech Republic
>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah156/2020|2020-04-06|EPI_ISL_437696|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/USA/OR-OHSU-1595/2020|2020-07-21|EPI_ISL_526551|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/England/ALDP-B629AC/2020|2020-11-09|EPI_ISL_656495|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VS-ETHZ-411027/2020|2020-12-03|EPI_ISL_737876|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-ACD788/2020|2020-10-21|EPI_ISL_630257|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A85B/2020|2020-11-01|EPI_ISL_647638|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D930/2020|2020-12-10|EPI_ISL_731564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-234/2020|2020-07-06|EPI_ISL_487378|Original|hCoV-19^^Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/ALDP-A51EEE/2020|2020-10-07|EPI_ISL_598160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0802-IPL/2020|2020-04-03|EPI_ISL_483369|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-1842/2020|2020-05-01|EPI_ISL_542875|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR5233/2020|2020-10-18|EPI_ISL_627402|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-SR0224/2020|2020-04-02|EPI_ISL_437576|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUH-9C7F1E/2020|2020-09-14|EPI_ISL_602030|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC235/2020|2020-04-06|EPI_ISL_427634|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/United Arab Emirates/1028/2020|2020-06-11|EPI_ISL_699160|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC1078/2020|2020-04-06|EPI_ISL_430564|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-99CFF4/2020|2020-08-30|EPI_ISL_549854|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-QDX-1499/2020|2020-03-17|EPI_ISL_603835|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Greece/AUTH_7/2020|2020-03-01|EPI_ISL_476836|Original|hCoV-19^^Thessaloniki|Human|National Influenza Centre for Northern Greece|National Influenza Centre for Northern Greece|Christoforidi|Greece

>Spike|hCoV-19/Canada/BC-BCCDC-7593/2020|2020-11-00|EPI_ISL_740740|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/Wales/PHWC-16A3FB/2020|2020-09-05|EPI_ISL_535246|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48502D/2020|2020-10-25|EPI_ISL_628137|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7615/2020|2020-08-00|EPI_ISL_686717|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1240/2020|2020-08-17|EPI_ISL_536613|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/NA_164/2020|2020-03-21|EPI_ISL_422699|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-C7824D/2020|2020-12-15|EPI_ISL_756843|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D3B50/2020|2020-04-04|EPI_ISL_449631|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-B13E32/2020|2020-10-30|EPI_ISL_641696|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42202805/2020|2020-03-20|EPI_ISL_528338|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUEH-C3475D/2020|2020-12-11|EPI_ISL_733989|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9F065/2020|2020-11-18|EPI_ISL_728300|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A508B4/2020|2020-10-07|EPI_ISL_597708|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21345/2020|2020-12-21|EPI_ISL_759692|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/HR-THSTI2010D/2020|2020-04-27|EPI_ISL_528385|P4|hCoV-19^^Haryana|Human|Translational Health Science and Technology Institute -ESIC medical college and hospital|THSTI Bioassay laboratory|Medigeshi|India

>Spike|hCoV-19/France/OCC-13/2020|2020-04-07|EPI_ISL_434628|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Laboratoire de virologie - \u00c9cole Nationale V\u00e9t\u00e9rinaire de Toulouse|Crouville|France

>Spike|hCoV-19/Netherlands/NA_315/2020|2020-04-02|EPI_ISL_422624|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-1D284A/2020|2020-08-17|EPI_ISL_534742|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-C0363-2/2020|2020-04-15|EPI_ISL_527403|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/OXON-B0CDE/2020|2020-04-17|EPI_ISL_478954|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E7D7/2020|2020-09-27|EPI_ISL_595504|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/IL-NM0120/2020|2020-03-21|EPI_ISL_444603|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/CA-QDX-266/2020|2020-05-01|EPI_ISL_498701|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-BABCAE/2020|2020-11-18|EPI_ISL_783088|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9523/2020|2020-07-04|EPI_ISL_781164|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7907/2020|2020-08-00|EPI_ISL_687008|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-9DA6B9/2020|2020-09-22|EPI_ISL_575340|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A41986/2020|2020-10-06|EPI_ISL_609452|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4202/2020|2020-06-19|EPI_ISL_543433|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/KDA-RII-MH4871S/2020|2020-10-21|EPI_ISL_733278|Original|hCoV-19^^Krasnodar|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMB-81B7F/2020|2020-04-11|EPI_ISL_442605|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LIVE-DB1308/2020|2020-10-25|EPI_ISL_637303|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-S376/2020|2020-03-27|EPI_ISL_434136|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMB-1B7E1C/2020|2020-10-14|EPI_ISL_638180|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/20130055502/2020|2020-03-19|EPI_ISL_420633|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9A864B/2020|2020-09-02|EPI_ISL_550197|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16268/2020|2020-11-16|EPI_ISL_714143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/6780/2020|2020-12-09|EPI_ISL_775520|Original|hCoV-19^^Agder|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/20144003804/2020|2020-04-01|EPI_ISL_423483|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-C3AAD6/2020|2020-12-09|EPI_ISL_731571|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B11362/2020|2020-11-02|EPI_ISL_642560|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0319/2020|2020-11-29|EPI_ISL_707707|Original|hCoV-19^^Bangkok|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Scotland/EDB5849/2020|2020-04-28|EPI_ISL_487668|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B35580/2020|2020-11-05|EPI_ISL_659603|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21987/2020|2020-09-26|EPI_ISL_576210|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-95AED7/2020|2020-06-10|EPI_ISL_555762|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1207/2020|2020-11-07|EPI_ISL_667805|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC4415/2020|2020-07-16|EPI_ISL_519711|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17889/2020|2020-12-14|EPI_ISL_749625|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22446/2020|2020-11-08|EPI_ISL_708539|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03660/2020|2020-11-00|EPI_ISL_775098|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/France/BRE-IPP11308/2020|2020-12-16|EPI_ISL_754854|Original|hCoV-19^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/CAMB-77A51/2020|2020-04-01|EPI_ISL_439401|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-ACFC4B/2020|2020-10-22|EPI_ISL_652129|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-12241A/2020|2020-04-04|EPI_ISL_440754|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/OXON-AFBD5/2020|2020-04-15|EPI_ISL_478812|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C75A/2020|2020-03-31|EPI_ISL_472533|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX1/2020|2020-02-11|EPI_ISL_411956|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/EXET-1357EE/2020|2020-03-31|EPI_ISL_457101|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14798/2020|2020-10-13|EPI_ISL_786283|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/QLD1173/2020|2020-03-24|EPI_ISL_639764|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/CAMC-BD227F/2020|2020-11-28|EPI_ISL_702212|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8AA6/2020|2020-04-15|EPI_ISL_448273|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-DB437E/2020|2020-10-20|EPI_ISL_650196|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-72476/2020|2020-03-21|EPI_ISL_439552|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-BE8FBB/2020|2020-12-02|EPI_ISL_708885|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL023/2020|2020-04-24|EPI_ISL_435561|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20589/2020|2020-04-29|EPI_ISL_462671|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/QLD955/2020|2020-03-26|EPI_ISL_530243|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/ALDP-A6DFDD/2020|2020-10-14|EPI_ISL_607783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7174/2020|2020-06-29|EPI_ISL_546570|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20134005304/2020|2020-03-23|EPI_ISL_423068|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1085/2020|2020-11-23|EPI_ISL_768355|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-Wadsworth-11191-01/2020|2020-03-06|EPI_ISL_426325|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Luxembourg/LNS0910783/2020|2020-11-14|EPI_ISL_739852|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-AB21F1/2020|2020-10-23|EPI_ISL_623608|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3755/2020|2020-09-07|EPI_ISL_591005|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/QEUA-96F859/2020|2020-08-17|EPI_ISL_540268|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15405/2020|2020-11-23|EPI_ISL_713806|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9E436A/2020|2020-09-23|EPI_ISL_579798|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E433/2020|2020-10-06|EPI_ISL_586650|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LK-NVRL-MPB53836/2020|2020-05-12|EPI_ISL_671350|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-18391/2020|2020-11-18|EPI_ISL_784739|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-E6E33/2020|2020-04-21|EPI_ISL_453546|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NORT-281427/2020|2020-03-15|EPI_ISL_472165|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Brazil/SP-L10-CD144/2020|2020-03-12|EPI_ISL_476174|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil
>Spike|hCoV-19/England/QEUEH-5E778D/2020|2020-06-16|EPI_ISL_533313|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/204261294/2020|2020-10-15|EPI_ISL_613583|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-FC535/2020|2020-04-12|EPI_ISL_470089|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Mali/M002830/2020|2020-04-14|EPI_ISL_487466|Original|hCoV-19^^Bamako|Human|CICM-Mali|Bundeswehr Institut of Microbiology|Antwerpen|Mali
>Spike|hCoV-19/Switzerland/BE-UNIBE-179-2921/2020|2020-03-20|EPI_ISL_574818|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland
>Spike|hCoV-19/Denmark/DCGC-22336/2020|2020-12-14|EPI_ISL_758686|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUEH-C5B76F/2020|2020-12-14|EPI_ISL_736066|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16A461/2020|2020-09-04|EPI_ISL_535253|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-B3DF20/2020|2020-11-02|EPI_ISL_741409|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/PORT-2F5ED5/2020|2020-10-14|EPI_ISL_652622|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/ALDP-9EDDFA/2020|2020-05-06|EPI_ISL_580710|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NOTT-1204FE/2020|2020-12-08|EPI_ISL_725622|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/USA/CA-QDX-1042/2020|2020-03-17|EPI_ISL_571707|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Australia/VIC12049/2020|2020-07-23|EPI_ISL_641066|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/OR-PROV-002/2020|2020-04-01|EPI_ISL_482293|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA
>Spike|hCoV-19/England/CAMC-B9898F/2020|2020-11-15|EPI_ISL_673704|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/SAP075/2020|2020-03-31|EPI_ISL_451112|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Spike|hCoV-19/Singapore/485/2020|2020-03-22|EPI_ISL_477175|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine Tan Tock Seng Hospital|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore
>Spike|hCoV-19/Netherlands/NoordBrabant_144/2020|2020-04-29|EPI_ISL_461179|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-2047/2020|2020-04-00|EPI_ISL_685652|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B41CB/2020|2020-05-31|EPI_ISL_473461|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Israel/CVL-n18346/2020|2020-06-04|EPI_ISL_516893|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/South Korea/KDCA0070/2020|2020-09-24|EPI_ISL_747311|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-13001/2020|2020-08-28|EPI_ISL_788152|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-QDX-1528/2020|2020-03-17|EPI_ISL_603781|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Northern Ireland/QEUI-96AF95/2020|2020-08-15|EPI_ISL_531409|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2985EE/2020|2020-04-22|EPI_ISL_488013|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-A36B15/2020|2020-10-04|EPI_ISL_638698|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/844/2020|2020-07-18|EPI_ISL_518008|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/USA/CA-ALSR-2025/2020|2020-05-07|EPI_ISL_635312|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-A7BACC/2020|2020-10-15|EPI_ISL_607470|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7783/2020|2020-09-12|EPI_ISL_577351|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3BB87/2020|2020-12-11|EPI_ISL_767225|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA24/2020|2020-06-16|EPI_ISL_508219|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/UT-UPHL-2012191494/2020|2020-08-10|EPI_ISL_745859|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-77532/2020|2020-03-31|EPI_ISL_438540|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-003212/2020|2020-03-12|EPI_ISL_481030|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-16140/2020|2020-10-31|EPI_ISL_785824|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A7993A/2020|2020-10-14|EPI_ISL_606791|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S876/2020|2020-04-16|EPI_ISL_463366|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Italy/LOM-IZSGC-TE30933/2020|2020-05-02|EPI_ISL_528934|Original|hCoV-19^^Lombardy|Human|Agenzia di Tutela della Salute di Bergamo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/South Africa/R13063-20/2020|2020-06-22|EPI_ISL_622915|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/SHEF-C8338/2020|2020-04-01|EPI_ISL_432861|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1476/2020|2020-06-25|EPI_ISL_549258|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WI-UW-1242/2020|2020-08-18|EPI_ISL_536615|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/India/GJ-GBRC342b/2020|2020-06-18|EPI_ISL_514583|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Wales/ALDP-C3D62A/2020|2020-12-10|EPI_ISL_767178|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC360/2020|2020-04-08|EPI_ISL_430387|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/LA-CDC-1272/2020|2020-06-10|EPI_ISL_535313|Vero Pl|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15244/2020|2020-10-20|EPI_ISL_786728|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B362F1/2020|2020-11-05|EPI_ISL_645432|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A70809/2020|2020-10-15|EPI_ISL_608218|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2177/2020|2020-09-11|EPI_ISL_566517|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200515/2020|2020-08-18|EPI_ISL_753051|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/WI-WSLH-200370/2020|2020-04-22|EPI_ISL_578539|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Germany/HH-hpi-p1961/2020|2020-03-25|EPI_ISL_776286|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUH-AD525F/2020|2020-10-26|EPI_ISL_634240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34364/2020|2020-04-16|EPI_ISL_446908|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1767/2020|2020-09-09|EPI_ISL_644861|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-5434/2020|2020-09-14|EPI_ISL_615366|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9FA792/2020|2020-09-28|EPI_ISL_588097|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/KE-NVRL-72IRL00302/2020|2020-08-05|EPI_ISL_525407|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Northern Ireland/NIRE-100C65/2020|2020-04-30|EPI_ISL_482033|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B247CA/2020|2020-11-04|EPI_ISL_646930|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CE00E/2020|2020-05-29|EPI_ISL_475461|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Brazil/SE-6606/2020|2020-04-20|EPI_ISL_541394|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/France/ARA-07169/2020|2020-03-09|EPI_ISL_508940|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Canada/BC_02038211/2020|2020-03-00|EPI_ISL_477088|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMC-B07BA3/2020|2020-10-29|EPI_ISL_643692|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1174/2020|2020-03-22|EPI_ISL_511720|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/EXET-13D0DC/2020|2020-11-27|EPI_ISL_724266|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/OXON-AC7F2/2020|2020-04-05|EPI_ISL_448485|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19280/2020|2020-11-28|EPI_ISL_783738|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1795/2020|2020-07-31|EPI_ISL_613723|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-AB7DE9/2020|2020-10-21|EPI_ISL_623748|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18672/2020|2020-11-22|EPI_ISL_785020|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A2F775/2020|2020-10-05|EPI_ISL_587149|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20206140604/2020|2020-05-14|EPI_ISL_465670|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/QLD1186/2020|2020-03-26|EPI_ISL_639777|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/TX-HMH-480/2020|2020-04-07|EPI_ISL_544339|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-748E1/2020|2020-03-28|EPI_ISL_425335|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48AC60/2020|2020-10-21|EPI_ISL_666140|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E3E2/2020|2020-10-09|EPI_ISL_595451|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1103/2020|2020-04-00|EPI_ISL_684713|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/WB-IICB-007/2020|2020-09-10|EPI_ISL_578081|Original|hCoV-19^^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India

>Spike|hCoV-19/Denmark/DCGC-13911/2020|2020-11-30|EPI_ISL_711445|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-AEA828/2020|2020-10-25|EPI_ISL_633247|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10723/2020|2020-09-15|EPI_ISL_641565|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-B77F75/2020|2020-11-12|EPI_ISL_783523|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2331/2020|2020-05-27|EPI_ISL_510667|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH0402/2020|2020-03-30|EPI_ISL_434989|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/reg-03031135/2020|2020-03-03|EPI_ISL_734489|Original|hCoV-19^^Bierbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-6503/2020|2020-10-05|EPI_ISL_620403|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-35AE6/2020|2020-04-24|EPI_ISL_474526|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-51317/2020|2020-05-07|EPI_ISL_455105|Original|hCoV-19^^Jonkoping|Human|Wetterhalsan|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-B753A8/2020|2020-11-12|EPI_ISL_664452|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9830/2020|2020-07-07|EPI_ISL_780296|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0939/2020|2020-07-16|EPI_ISL_517829|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/OXON-F40858/2020|2020-12-09|EPI_ISL_764538|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11095/2020|2020-11-02|EPI_ISL_669832|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-03687/2020|2020-11-00|EPI_ISL_775170|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Australia/VIC13714/2020|2020-09-04|EPI_ISL_563813|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Gambia/GC19-0479/2020|2020-04-29|EPI_ISL_561015|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Wales/PHWC-494F00/2020|2020-11-23|EPI_ISL_726271|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2011193762/2020|2020-11-17|EPI_ISL_771161|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-110021/2020|2020-04-01|EPI_ISL_486461|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/South Korea/KCDC2249/2020|2020-05-10|EPI_ISL_510587|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC81/2020|2020-03-14|EPI_ISL_419793|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Canada/BC_3842755/2020|2020-03-09|EPI_ISL_418820|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/LOND-D670E/2020|2020-04-23|EPI_ISL_482175|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15782/2020|2020-11-23|EPI_ISL_714016|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BL-ETHZ-190036/2020|2020-07-08|EPI_ISL_500899|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-AD16EE/2020|2020-10-26|EPI_ISL_634603|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0675-IPL/2020|2020-04-29|EPI_ISL_483294|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NOTT-10E0D4/2020|2020-03-19|EPI_ISL_425496|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-82006/2020|2020-04-20|EPI_ISL_438608|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/LOND-1267187/2020|2020-11-30|EPI_ISL_741257|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-B61FE7/2020|2020-11-08|EPI_ISL_656568|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4A8710/2020|2020-06-11|EPI_ISL_559604|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0298/2020|2020-05-17|EPI_ISL_698477|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Gibraltar/204421204/2020|2020-10-27|EPI_ISL_613665|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUA-B2B4EA/2020|2020-11-03|EPI_ISL_646499|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C87BB/2020|2020-09-12|EPI_ISL_567155|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-269621-01/2020|2020-11-10|EPI_ISL_734434|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/FL-BPHL-1004/2020|2020-07-13|EPI_ISL_517894|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/VA-DCLS-0667/2020|2020-04-18|EPI_ISL_526843|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-A2E6E2/2020|2020-10-05|EPI_ISL_586656|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A9EB84/2020|2020-10-20|EPI_ISL_611469|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EC6DB/2020|2020-05-10|EPI_ISL_457551|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11137/2020|2020-12-18|EPI_ISL_737381|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-92DBC7/2020|2020-06-22|EPI_ISL_553699|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2302/2020|2020-08-10|EPI_ISL_617727|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-NIV-7966/2020|2020-04-06|EPI_ISL_454552|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/MI-MDHHS-SC22644/2020|2020-12-01|EPI_ISL_737132|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-CEDCB/2020|2020-03-22|EPI_ISL_475474|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Portugal/PT0341/2020|2020-03-18|EPI_ISL_454057|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Panama/339125/2020|2020-04-10|EPI_ISL_496891|Original|hCoV-19^^Cocle|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Canada/BC_03069740/2020|2020-04-00|EPI_ISL_466735|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Singapore/1182/2020|2020-04-12|EPI_ISL_648110|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/WA-UW-22294/2020|2020-08-06|EPI_ISL_570653|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/LA-EVTL805/2020|2020-07-24|EPI_ISL_653496|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-95D074/2020|2020-06-17|EPI_ISL_553579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-5ED3ED/2020|2020-06-16|EPI_ISL_533246|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B7244B/2020|2020-11-27|EPI_ISL_724879|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/NSW2166/2020|2020-03-20|EPI_ISL_509506|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/South Korea/KCDC2395/2020|2020-06-01|EPI_ISL_514798|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC279/2020|2020-03-22|EPI_ISL_419972|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B13A4D/2020|2020-10-31|EPI_ISL_641864|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0317/2020|2020-06-24|EPI_ISL_614372|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1051/2020|2020-06-13|EPI_ISL_513081|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/WI-UW-2654/2020|2020-12-31|EPI_ISL_791168|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/LIVE-DBD199/2020|2020-10-27|EPI_ISL_664501|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Iceland/168/2020|2020-03-13|EPI_ISL_417810|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/204761574/2020|2020-00-00|EPI_ISL_649111|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-96AC61/2020|2020-08-17|EPI_ISL_531317|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A6BB17/2020|2020-10-09|EPI_ISL_608807|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E0216/2020|2020-09-19|EPI_ISL_601293|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6119/2020|2020-08-00|EPI_ISL_689231|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB9500/2020|2020-10-25|EPI_ISL_651322|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/MILK-9A567B/2020|2020-09-03|EPI_ISL_550191|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17867/2020|2020-08-27|EPI_ISL_779515|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/ALDP-5A4142/2020|2020-06-13|EPI_ISL_558859|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A47BC6/2020|2020-10-05|EPI_ISL_598476|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F410C/2020|2020-11-20|EPI_ISL_725192|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/BC_19909443/2020|2020-04-00|EPI_ISL_477020|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMC-BC0168/2020|2020-11-22|EPI_ISL_704961|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-677/2020|2020-06-26|EPI_ISL_491358|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-Wadsworth-251080-01/2020|2020-10-21|EPI_ISL_734300|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00240404/2020|2020-03-27|EPI_ISL_536269|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-9E8858/2020|2020-09-24|EPI_ISL_638259|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC10796/2020|2020-09-06|EPI_ISL_563095|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20124028706/2020|2020-03-17|EPI_ISL_423855|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13102/2020|2020-11-30|EPI_ISL_712582|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012330509/2020|2020-07-25|EPI_ISL_745692|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-9FF3C6/2020|2020-09-30|EPI_ISL_600210|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1793/2020|2020-06-02|EPI_ISL_496219|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/EDB5133/2020|2020-05-17|EPI_ISL_453194|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5688/2020|2020-09-28|EPI_ISL_619975|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/ALAB-HH-107/2020|2020-03-09|EPI_ISL_451992|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Zimbabwe/ZW-307/2020|2020-03-01|EPI_ISL_644744|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/USA/VA-DCLS-1530/2020|2020-08-08|EPI_ISL_581526|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10662/2020|2020-07-08|EPI_ISL_789581|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A2DB6C/2020|2020-10-06|EPI_ISL_586787|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D9EA3/2020|2020-09-18|EPI_ISL_576823|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7319/2020|2020-10-00|EPI_ISL_740682|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Spain/PV-IBV-98008441/2020|2020-10-23|EPI_ISL_654608|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-4085/2020|2020-08-10|EPI_ISL_548625|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/NY-Wadsworth-142766-01/2020|2020-04-10|EPI_ISL_676971|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-ABB7E7/2020|2020-10-21|EPI_ISL_623267|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4649/2020|2020-04-06|EPI_ISL_429629|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-1BCCD1/2020|2020-12-03|EPI_ISL_763648|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-1BA1D4/2020|2020-00-00|EPI_ISL_664583|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-A1C0D/2020|2020-06-17|EPI_ISL_490359|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4961EA/2020|2020-11-26|EPI_ISL_726545|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48306B/2020|2020-10-20|EPI_ISL_627773|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB4453/2020|2020-05-05|EPI_ISL_453129|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUA-9B894F/2020|2020-09-07|EPI_ISL_549699|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F39EE/2020|2020-09-24|EPI_ISL_588505|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16791/2020|2020-12-14|EPI_ISL_750196|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/Vs-ETHZ-330060/2020|2020-10-16|EPI_ISL_614947|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/20109099106/2020|2020-03-08|EPI_ISL_417298|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC2801/2020|2020-07-01|EPI_ISL_521632|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-QDX-985/2020|2020-03-15|EPI_ISL_571783|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/EDB6837/2020|2020-04-02|EPI_ISL_526493|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1375/2020|2020-06-04|EPI_ISL_678017|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Scotland/CVR2739/2020|2020-04-18|EPI_ISL_438938|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NOTT-114FCF/2020|2020-10-12|EPI_ISL_584785|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUAH-A1DCC6/2020|2020-09-29|EPI_ISL_587535|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A36B/2020|2020-11-03|EPI_ISL_651416|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20409/2020|2020-12-07|EPI_ISL_728629|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-49DF34/2020|2020-12-05|EPI_ISL_742932|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUAH-AD586C/2020|2020-10-26|EPI_ISL_634681|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-7474/2020|2020-03-00|EPI_ISL_548193|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Ireland/D-NVRL-73IRL76160/2020|2020-09-15|EPI_ISL_596897|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-490D82/2020|2020-11-17|EPI_ISL_705239|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A1936B/2020|2020-10-03|EPI_ISL_612506|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUAH-B0F80E/2020|2020-11-02|EPI_ISL_641607|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4040/2020|2020-08-30|EPI_ISL_535137|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9B6808/2020|2020-08-28|EPI_ISL_573037|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-94EC72/2020|2020-06-17|EPI_ISL_556405|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B9191/2020|2020-09-07|EPI_ISL_549777|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29DC7B/2020|2020-05-07|EPI_ISL_488084|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9231319/2020|2020-10-30|EPI_ISL_744872|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-B53434/2020|2020-11-08|EPI_ISL_656905|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC038/2020|2020-03-29|EPI_ISL_666661|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Singapore/518/2020|2020-04-15|EPI_ISL_479596|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Japan/PG-8183/2020|2020-08-00|EPI_ISL_687282|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A65922/2020|2020-10-11|EPI_ISL_637269|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A73B/2020|2020-09-09|EPI_ISL_560096|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15546/2020|2020-11-23|EPI_ISL_713882|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SH-ETHZ-360083/2020|2020-11-09|EPI_ISL_693893|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-2970/2020|2020-04-00|EPI_ISL_691095|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-SR0275/2020|2020-03-31|EPI_ISL_445130|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-C3D53C/2020|2020-12-10|EPI_ISL_731600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2555/2020|2020-04-15|EPI_ISL_493816|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-MSK-9B/2020|2020-03-19|EPI_ISL_583462|Original|hCoV-19^^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/England/ALDP-B5B9D3/2020|2020-11-08|EPI_ISL_655541|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF265/2020|2020-09-20|EPI_ISL_637392|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0385/2020|2020-10-27|EPI_ISL_660082|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/MILK-9C6F79/2020|2020-09-08|EPI_ISL_572795|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD7AE/2020|2020-10-01|EPI_ISL_587793|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000361/2020|2020-03-12|EPI_ISL_631865|Original|hCoV-19^^New York|Human|NYC HH Elmhurst Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/NSW526/2020|2020-04-11|EPI_ISL_699652|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-17070/2020|2020-12-14|EPI_ISL_750486|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NoordBrabant_29/2020|2020-03-08|EPI_ISL_414538|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUA-AADBDD/2020|2020-10-22|EPI_ISL_637925|Original|hCoV-19^^Scotland|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-7DBFE/2020|2020-04-06|EPI_ISL_441779|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-9616F3/2020|2020-08-03|EPI_ISL_537120|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5AFF0/2020|2020-11-08|EPI_ISL_655319|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5427/2020|2020-09-14|EPI_ISL_615359|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-99008505/2020|2020-09-10|EPI_ISL_654045|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Northern Ireland/NIRE-23564A/2020|2020-10-24|EPI_ISL_742123|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Malaysia/MKAK-CL-2020-6430/2020|2020-02-04|EPI_ISL_416886|Vero E6|hCoV-19^^Selangor|Human|National Public Health Laboratory|Malaysia Genome Institute|Mat Isa|Malaysia

>Spike|hCoV-19/England/QEUA-9F8A13/2020|2020-09-25|EPI_ISL_588942|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7871/2020|2020-07-00|EPI_ISL_686972|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-992626/2020|2020-08-27|EPI_ISL_552057|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/671/2020|2020-02-27|EPI_ISL_490011|Original|hCoV-19^^Saudi Arabia|Human|King Fahad Medical City|King Fahad Medical City|Naem|Saudi Arabia

>Spike|hCoV-19/Norway/3408/2020|2020-09-11|EPI_ISL_590891|Original|hCoV-19^^Viken|Human|Akershus University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/AZ-TG381370/2020|2020-06-15|EPI_ISL_694660|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/CA-LACPHL-AF00010/2020|2020-12-15|EPI_ISL_737245|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/ALDP-BC684F/2020|2020-11-22|EPI_ISL_721249|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8965/2020|2020-10-26|EPI_ISL_626182|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-1231D6/2020|2020-04-05|EPI_ISL_442629|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Belgium/reg-0423302/2020|2020-04-23|EPI_ISL_462156|Original|hCoV-19^^Eupen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/NSW304/2020|2020-04-02|EPI_ISL_451568|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-B46CD2/2020|2020-11-06|EPI_ISL_656249|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19599/2020|2020-12-07|EPI_ISL_749051|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B22E8B/2020|2020-11-02|EPI_ISL_647257|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/505/2020|2020-06-06|EPI_ISL_479583|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Japan/PG-6236/2020|2020-08-00|EPI_ISL_689348|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1B194E/2020|2020-05-13|EPI_ISL_452984|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BRIS-12C87E/2020|2020-05-13|EPI_ISL_469472|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB230/2020|2020-11-20|EPI_ISL_701785|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-991C16/2020|2020-08-27|EPI_ISL_577033|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Kenya/C942/2020|2020-04-17|EPI_ISL_457929|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/NY-NYCPHL-001517/2020|2020-11-30|EPI_ISL_745434|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-ACCA53/2020|2020-10-21|EPI_ISL_629252|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47ECF6/2020|2020-09-25|EPI_ISL_595580|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B9607D/2020|2020-11-14|EPI_ISL_676160|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5BDE6/2020|2020-11-09|EPI_ISL_655412|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9557E0/2020|2020-06-12|EPI_ISL_553400|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2266/2020|2020-03-22|EPI_ISL_500701|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/LIVE-AA41B/2020|2020-03-23|EPI_ISL_517451|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1120/2020|2020-06-21|EPI_ISL_615157|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-4684/2020|2020-06-20|EPI_ISL_544255|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-536/2020|2020-09-16|EPI_ISL_577964|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NOTT-11F261/2020|2020-11-23|EPI_ISL_679954|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-400379/2020|2020-12-09|EPI_ISL_729065|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Gambia/GC19-3802/2020|2020-07-27|EPI_ISL_561082|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Japan/PG-8580/2020|2020-08-00|EPI_ISL_686176|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-951FCE/2020|2020-06-09|EPI_ISL_551309|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C014AD/2020|2020-12-05|EPI_ISL_757271|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0477/2020|2020-11-11|EPI_ISL_710090|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/USA/AZ-TG407779/2020|2020-06-25|EPI_ISL_694881|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Suriname/SR-63/2020|2020-07-16|EPI_ISL_518812|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/Kenya/C4714/2020|2020-05-08|EPI_ISL_568736|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/New Zealand/20CV0181/2020|2020-08-27|EPI_ISL_548049|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/CA-ALSR-0805-SAN/2020|2020-03-30|EPI_ISL_483371|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10169/2020|2020-07-06|EPI_ISL_789350|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B1FE45/2020|2020-11-01|EPI_ISL_647620|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-79824C/2020|2020-07-15|EPI_ISL_533110|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FDB57/2020|2020-10-01|EPI_ISL_587800|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/BA-0326323/2020|2020-03-26|EPI_ISL_462177|Original|hCoV-19^^Chatelet|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/FL-BPHL-0148/2020|2020-03-11|EPI_ISL_480799|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-6351/2020|2020-08-00|EPI_ISL_689462|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-17082/2020|2020-12-14|EPI_ISL_750747|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-CADE5A/2020|2020-12-20|EPI_ISL_760823|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A06A99/2020|2020-10-01|EPI_ISL_599893|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2074/2020|2020-03-20|EPI_ISL_775670|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/QEUEH-96F613/2020|2020-08-19|EPI_ISL_540336|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C6D5A/2020|2020-09-18|EPI_ISL_573708|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A5257F/2020|2020-10-07|EPI_ISL_598225|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7293580/2020|2020-10-22|EPI_ISL_744547|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-825BC/2020|2020-04-14|EPI_ISL_443609|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020644749/2020|2020-12-28|EPI_ISL_767088|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Spain/PV-IBV-001525/2020|2020-03-17|EPI_ISL_467167|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Japan/PG-2399/2020|2020-04-00|EPI_ISL_686004|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-005281/2020|2020-03-10|EPI_ISL_510167|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-B48FB9/2020|2020-11-07|EPI_ISL_649247|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/17MR10cH3/2020|2020-11-17|EPI_ISL_757303|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/BRIS-126391/2020|2020-04-10|EPI_ISL_458985|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_111/2020|2020-04-07|EPI_ISL_455300|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORW-F170D/2020|2020-10-23|EPI_ISL_627614|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8144/2020|2020-06-30|EPI_ISL_784231|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Iceland/397/2020|2020-03-19|EPI_ISL_424421|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/NY-CDC-2-3693655/2020|2020-10-05|EPI_ISL_747041|Original|hCoV-19^^New York|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/ALDP-94D46C/2020|2020-06-14|EPI_ISL_555933|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20169035604/2020|2020-04-19|EPI_ISL_465238|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18386/2020|2020-11-18|EPI_ISL_784734|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-UNIBE-175-2461/2020|2020-03-19|EPI_ISL_574815|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/Wales/PHWC-4887CB/2020|2020-11-02|EPI_ISL_638063|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200720/2020|2020-12-09|EPI_ISL_753241|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-20339/2020|2020-11-02|EPI_ISL_748122|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14075/2020|2020-08-14|EPI_ISL_787361|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-15221/2020|2020-11-23|EPI_ISL_713704|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B7C30B/2020|2020-11-13|EPI_ISL_668232|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-311C7/2020|2020-04-11|EPI_ISL_446417|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB075/2020|2020-03-20|EPI_ISL_425872|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10299/2020|2020-11-02|EPI_ISL_669884|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-2129/2020|2020-11-04|EPI_ISL_708467|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/NOTT-11101A/2020|2020-05-05|EPI_ISL_453616|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B08A5A/2020|2020-10-30|EPI_ISL_643762|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Guatemala/CDC-1236/2020|2020-03-21|EPI_ISL_509703|Original|hCoV-19^^Guatemala|Human|Guatemala Ministry of Public Health|Pathogen Discovery|Queen|Guatemala

>Spike|hCoV-19/USA/FL-BPHL-1567/2020|2020-09-14|EPI_ISL_568665|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-A1E964/2020|2020-10-01|EPI_ISL_587359|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D2E64/2020|2020-12-03|EPI_ISL_742051|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12630/2020|2020-11-16|EPI_ISL_682811|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1326/2020|2020-07-14|EPI_ISL_541264|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Belgium/ULG-11088/2020|2020-12-15|EPI_ISL_737337|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Luxembourg/LNS8500912/2020|2020-11-06|EPI_ISL_744749|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Russia/StPetersburg-RII4980S/2020|2020-04-10|EPI_ISL_430079|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-6966/2020|2020-10-12|EPI_ISL_619812|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-285423/2020|2020-05-01|EPI_ISL_461791|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD5C2/2020|2020-10-01|EPI_ISL_587953|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2235/2020|2020-05-24|EPI_ISL_545195|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/PV-IBV-004234/2020|2020-04-05|EPI_ISL_500298|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Northern Ireland/QEUA-95EAE/2020|2020-08-09|EPI_ISL_532401|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B384EA/2020|2020-11-01|EPI_ISL_659043|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F72A/2020|2020-10-05|EPI_ISL_587142|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6060/2020|2020-07-00|EPI_ISL_689172|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/DL-NCDC7686-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482660|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Australia/SAP022/2020|2020-04-03|EPI_ISL_468011|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/NORT-1B722D8/2020|2020-11-26|EPI_ISL_724867|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-9F1C41/2020|2020-09-24|EPI_ISL_589598|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/NAQ-SC252/2020|2020-03-16|EPI_ISL_663206|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-A7B4EC/2020|2020-10-15|EPI_ISL_607528|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2B954/2020|2020-11-02|EPI_ISL_646634|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124199/2020|2020-04-07|EPI_ISL_492791|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3588186/2020|2020-03-15|EPI_ISL_419583|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-496AD0/2020|2020-11-22|EPI_ISL_726684|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A926AD/2020|2020-10-19|EPI_ISL_610977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-106ADE/2020|2020-05-19|EPI_ISL_500969|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0511/2020|2020-04-02|EPI_ISL_480169|Original|hCoV-19^^Kanto|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-99012457/2020|2020-11-19|EPI_ISL_780086|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/EDB191/2020|2020-03-25|EPI_ISL_425934|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC877/2020|2020-04-05|EPI_ISL_427132|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B13D17/2020|2020-11-01|EPI_ISL_641775|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-81571/2020|2020-04-08|EPI_ISL_442540|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/20140007302/2020|2020-03-28|EPI_ISL_421925|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9BA400/2020|2020-09-09|EPI_ISL_573812|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORT-2994D1/2020|2020-04-24|EPI_ISL_492471|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/VWJM-0324136/2020|2020-03-24|EPI_ISL_420393|Original|hCoV-19^^Bierbeek|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-14351/2020|2020-11-30|EPI_ISL_711713|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7651/2020|2020-10-19|EPI_ISL_618507|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8680F/2020|2020-11-13|EPI_ISL_673940|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F515/2020|2020-10-14|EPI_ISL_607675|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D46C5/2020|2020-10-08|EPI_ISL_613290|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMB-79D65/2020|2020-04-01|EPI_ISL_441248|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC76/2020|2020-03-18|EPI_ISL_421577|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/WA-UW-4616/2020|2020-03-26|EPI_ISL_515282|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-24EEE/2020|2020-03-20|EPI_ISL_420924|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-02231/2020|2020-04-15|EPI_ISL_436928|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-11280/2020|2020-11-02|EPI_ISL_670810|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/QEUIH-96404D/2020|2020-08-12|EPI_ISL_536842|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2133/2020|2020-06-19|EPI_ISL_480731|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG547365/2020|2020-07-07|EPI_ISL_695508|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC14145/2020|2020-09-03|EPI_ISL_591819|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW508/2020|2020-03-24|EPI_ISL_455048|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/BRIS-12F87B/2020|2020-03-26|EPI_ISL_488216|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C5FC/2020|2020-11-10|EPI_ISL_655927|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9525AD/2020|2020-06-09|EPI_ISL_553935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9101389/2020|2020-11-18|EPI_ISL_744853|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-ALSR-1761/2020|2020-05-12|EPI_ISL_512170|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-ALSR-0581-IPL/2020|2020-05-13|EPI_ISL_483237|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-CC8ED1/2020|2020-12-22|EPI_ISL_782084|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20726/2020|2020-12-21|EPI_ISL_759327|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-6A2D1/2020|2020-11-09|EPI_ISL_679037|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292775-01/2020|2020-12-27|EPI_ISL_769946|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0012/2020|2020-06-17|EPI_ISL_529069|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Belgium/ULG-10547/2020|2020-10-23|EPI_ISL_626305|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/India/GJ-GBRC-399a/2020|2020-06-25|EPI_ISL_586515|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-993E96/2020|2020-08-22|EPI_ISL_551685|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R10713/2020|2020-06-15|EPI_ISL_490296|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Australia/NSW1274/2020|2020-12-16|EPI_ISL_745105|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|CIDM-PH|Gall|Australia

>Spike|hCoV-19/Japan/PG-8042/2020|2020-08-00|EPI_ISL_687143|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-955391/2020|2020-06-12|EPI_ISL_553489|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC-CBA3/2020|2020-03-28|EPI_ISL_420877|Original|hCoV-19^^Victoria|Human|Geelong Centre for Emerging Infectious Diseases|Geelong Centre for Emerging Infectious Diseases|Alexandersen|Australia

>Spike|hCoV-19/Wales/PHWC-164B71/2020|2020-05-19|EPI_ISL_479352|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2343/2020|2020-05-27|EPI_ISL_510679|Vero E6 P1|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/WI-UW-1724/2020|2020-09-11|EPI_ISL_605597|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH663/2020|2020-04-01|EPI_ISL_678036|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/LEED-2AA66E/2020|2020-04-05|EPI_ISL_538873|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1694EA/2020|2020-06-24|EPI_ISL_499450|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR4888/2020|2020-09-30|EPI_ISL_594655|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-CF133A/2020|2020-12-17|EPI_ISL_781883|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7D07C/2020|2020-11-14|EPI_ISL_741843|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15610/2020|2020-10-26|EPI_ISL_787094|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-201231390/2020|2020-04-06|EPI_ISL_678533|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB5807/2020|2020-04-27|EPI_ISL_487891|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20120106104/2020|2020-03-15|EPI_ISL_465728|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B62274/2020|2020-11-07|EPI_ISL_656576|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12785/2020|2020-08-19|EPI_ISL_790521|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LEED-2A9007/2020|2020-04-07|EPI_ISL_539125|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21482/2020|2020-12-21|EPI_ISL_757740|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/IC-0439/2020|2020-10-00|EPI_ISL_768648|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1189/2020|2020-05-25|EPI_ISL_614835|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-15E178/2020|2020-05-13|EPI_ISL_472798|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15515/2020|2020-11-23|EPI_ISL_713214|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00715/2020|2020-09-08|EPI_ISL_692948|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/MI-QDX-709/2020|2020-03-20|EPI_ISL_571442|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-Wadsworth-26856-01/2020|2020-03-21|EPI_ISL_426302|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/BRIS-125329/2020|2020-03-27|EPI_ISL_443770|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0941/2020|2020-07-02|EPI_ISL_525932|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-IGI-0730/2020|2020-08-03|EPI_ISL_677880|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/CAMC-A6501E/2020|2020-10-11|EPI_ISL_608527|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4027/2020|2020-09-21|EPI_ISL_590974|Original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/MILK-ACC0AC/2020|2020-10-21|EPI_ISL_629401|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3956E/2020|2020-11-02|EPI_ISL_658879|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-821B8/2020|2020-04-21|EPI_ISL_438629|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-976233/2020|2020-08-20|EPI_ISL_552757|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14021/2020|2020-11-30|EPI_ISL_711522|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-139F88/2020|2020-00-00|EPI_ISL_679355|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020321213/2020|2020-09-03|EPI_ISL_575289|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/Northern Ireland/QEUI-764CB4/2020|2020-07-17|EPI_ISL_532982|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B25FFE/2020|2020-11-04|EPI_ISL_646758|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B76204/2020|2020-11-12|EPI_ISL_723745|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F81C/2020|2020-10-15|EPI_ISL_607141|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1645/2020|2020-04-06|EPI_ISL_619885|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/regal-12111373/2020|2020-12-11|EPI_ISL_738426|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/CVR28/2020|2020-03-12|EPI_ISL_425757|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42218824/2020|2020-04-03|EPI_ISL_581839|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUI-A49BC4/2020|2020-10-05|EPI_ISL_595964|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1444/2020|2020-03-17|EPI_ISL_572095|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-1947/2020|2020-04-28|EPI_ISL_542914|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-943484/2020|2020-07-29|EPI_ISL_532630|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11B380/2020|2020-11-10|EPI_ISL_638611|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11967/2020|2020-09-14|EPI_ISL_670673|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-69F71/2020|2020-11-09|EPI_ISL_679008|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-0919/2020|2020-04-00|EPI_ISL_684529|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-9051/2020|2020-07-01|EPI_ISL_780452|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-5A47F5/2020|2020-06-16|EPI_ISL_558777|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7DC28/2020|2020-04-07|EPI_ISL_442327|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-95/2020|2020-08-19|EPI_ISL_539611|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/QEUA-C541D1/2020|2020-12-12|EPI_ISL_736417|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LK-UHL18/2020|2020-04-06|EPI_ISL_681737|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/EXET-13AE3F/2020|2020-11-10|EPI_ISL_665099|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3937/2020|2020-07-30|EPI_ISL_548566|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-9BC77E/2020|2020-09-10|EPI_ISL_568219|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6356/2020|2020-09-21|EPI_ISL_622278|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A76760/2020|2020-10-13|EPI_ISL_665973|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH6-244/2020|2020-03-16|EPI_ISL_455397|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/CAMB-1B00FF/2020|2020-05-07|EPI_ISL_448109|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Israel/2115968/2020|2020-04-16|EPI_ISL_447337|Original|hCoV-19^^Tel Aviv District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/USA/UT-QDX-1822/2020|2020-03-16|EPI_ISL_604142|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-17996/2020|2020-11-16|EPI_ISL_786144|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-506409/2020|2020-06-25|EPI_ISL_559273|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AF15A/2020|2020-04-29|EPI_ISL_459319|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16553/2020|2020-11-16|EPI_ISL_714833|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-231/2020|2020-05-12|EPI_ISL_523573|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Ecuador/USFQ-189/2020|2020-08-12|EPI_ISL_697786|Original|hCoV-19^^Imbabura|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/England/CAMC-B2300C/2020|2020-11-02|EPI_ISL_665024|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-C8C55C/2020|2020-12-12|EPI_ISL_777153|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-120F39/2020|2020-12-14|EPI_ISL_741620|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL232/2020|2020-08-22|EPI_ISL_574366|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-B5DF66/2020|2020-11-09|EPI_ISL_723616|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Austria/CeMM1084/2020|2020-07-19|EPI_ISL_583886|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/NY-NYCPHL-001334/2020|2020-11-13|EPI_ISL_683969|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/PG-6870/2020|2020-06-00|EPI_ISL_687978|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-9222/2020|2020-07-02|EPI_ISL_781005|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Iceland/538/2020|2020-03-27|EPI_ISL_424558|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/NY-NYUMC645/2020|2020-04-02|EPI_ISL_444762|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310432/2020|2020-10-08|EPI_ISL_603506|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/AS-IBV-98006580/2020|2020-03-09|EPI_ISL_654616|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/UT-UPHL-2009325/2020|2020-05-14|EPI_ISL_524926|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NY-NYUMC582/2020|2020-03-30|EPI_ISL_444699|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/BRIS-12269C/2020|2020-04-05|EPI_ISL_440688|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1626/2020|2020-10-01|EPI_ISL_605500|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-CZB-14563/2020|2020-11-14|EPI_ISL_738861|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/IC-0358/2020|2020-11-00|EPI_ISL_721601|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-956D92/2020|2020-06-10|EPI_ISL_554307|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-C30C61/2020|2020-12-11|EPI_ISL_757132|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-81070/2020|2020-04-20|EPI_ISL_438561|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-5132/2020|2020-08-00|EPI_ISL_690239|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUEH-A4AAD5/2020|2020-10-08|EPI_ISL_595971|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16121/2020|2020-10-28|EPI_ISL_785805|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/410/2020|2020-04-21|EPI_ISL_475941|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Switzerland/BE-ETHZ-120050/2020|2020-04-20|EPI_ISL_468235|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-2009058/2020|2020-05-11|EPI_ISL_525070|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/South Africa/KRISP-K002621/2020|2020-07-30|EPI_ISL_535484|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-1759/2020|2020-04-00|EPI_ISL_685365|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1261/2020|2020-08-25|EPI_ISL_536634|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUEH-9F7BF3/2020|2020-09-27|EPI_ISL_589204|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DFDA/2020|2020-12-07|EPI_ISL_742939|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC13053/2020|2020-08-04|EPI_ISL_592167|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-49FFC9/2020|2020-06-01|EPI_ISL_559335|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FB572/2020|2020-08-25|EPI_ISL_585237|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/India/MH-AFMC-5304/2020|2020-05-21|EPI_ISL_496519|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/MILK-9942B7/2020|2020-08-26|EPI_ISL_551612|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E1831/2020|2020-09-20|EPI_ISL_577090|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-M3001/2020|2020-11-16|EPI_ISL_661173|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/PHWC-16E54C/2020|2020-09-30|EPI_ISL_585732|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12313/2020|2020-10-07|EPI_ISL_648397|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-15C1F2/2020|2020-04-13|EPI_ISL_472452|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-1B613D9/2020|2020-10-23|EPI_ISL_638559|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A20941/2020|2020-10-01|EPI_ISL_599015|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012370082/2020|2020-08-13|EPI_ISL_745878|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/ID-UNM-IBL154/2020|2020-03-20|EPI_ISL_632878|Original|hCoV-19^^Idaho|Human|Idaho Bureau of Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/NORT-28118A/2020|2020-03-07|EPI_ISL_472157|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2069/2020|2020-05-22|EPI_ISL_635333|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-499008/2020|2020-12-04|EPI_ISL_727244|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012922693/2020|2020-08-09|EPI_ISL_745624|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-WSLH-200109/2020|2020-04-03|EPI_ISL_578340|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/France/PAC-MEPHI-1614/2020|2020-09-04|EPI_ISL_644412|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/GSTT-265E0E9/2020|2020-03-30|EPI_ISL_484152|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Turkey/HSGM-1049/2020|2020-03-26|EPI_ISL_437309|Vero Pl|hCoV-19^^Ankara|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Slovenia/12606/2020|2020-03-24|EPI_ISL_635260|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/BIRM-5F9BC/2020|2020-05-14|EPI_ISL_473358|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/IC-0120/2020|2020-08-00|EPI_ISL_591461|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20850/2020|2020-12-21|EPI_ISL_759406|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-UW-1524/2020|2020-09-14|EPI_ISL_541550|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-11573/2020|2020-11-02|EPI_ISL_670468|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B2EC67/2020|2020-11-04|EPI_ISL_659983|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-232E27/2020|2020-09-24|EPI_ISL_680226|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Serbia/Vrsac-040471604/2020|2020-04-15|EPI_ISL_676595|Original|hCoV-19^^Vrsac|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/Sweden/20-53835/2020|2020-12-17|EPI_ISL_789032|Original|hCoV-19^^Vasterbotten|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-6796/2020|2020-06-25|EPI_ISL_546249|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-EVTL145/2020|2020-03-25|EPI_ISL_455988|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-A6C5DC/2020|2020-10-15|EPI_ISL_608239|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009170035/2020|2020-09-16|EPI_ISL_710280|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/NOTT-110242/2020|2020-04-11|EPI_ISL_441487|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B3615E/2020|2020-11-05|EPI_ISL_645413|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7EC72/2020|2020-04-07|EPI_ISL_442938|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B62BD3/2020|2020-11-08|EPI_ISL_655307|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Romania/USAFSAM-S558/2020|2020-11-28|EPI_ISL_738338|Original|hCoV-19^^Romania|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania

>Spike|hCoV-19/USA/TX-HMH-MCoV-18157/2020|2020-11-12|EPI_ISL_784505|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-QDX-41/2020|2020-03-15|EPI_ISL_467858|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-2-7/2020|2020-04-27|EPI_ISL_523089|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MD-MDH-0322/2020|2020-10-19|EPI_ISL_633097|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/DRC/4633/2020|2020-04-30|EPI_ISL_513607|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Netherlands/NB-EMC-438/2020|2020-11-16|EPI_ISL_722350|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-AB7F4D/2020|2020-10-21|EPI_ISL_623463|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA28C2/2020|2020-10-21|EPI_ISL_630722|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1042AB/2020|2020-04-13|EPI_ISL_482045|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0373/2020|2020-03-19|EPI_ISL_454089|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NY-Wadsworth-290732-01/2020|2020-12-22|EPI_ISL_767558|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-13644/2020|2020-11-30|EPI_ISL_712931|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Uruguay/CEL-M116/2020|2020-07-17|EPI_ISL_750177|Original|hCoV-19^^Rio Branco|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/USA/UT-UPHL-2008795/2020|2020-05-22|EPI_ISL_524822|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/203180881/2020|2020-07-29|EPI_ISL_566064|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009732/2020|2020-07-27|EPI_ISL_605404|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-76AE9/2020|2020-03-30|EPI_ISL_438465|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB7185/2020|2020-08-11|EPI_ISL_526521|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/India/WB-IK55/2020|2020-05-06|EPI_ISL_508381|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/NOTT-10EB88/2020|2020-03-12|EPI_ISL_425646|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC13355/2020|2020-07-27|EPI_ISL_563691|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/KRISP-K001363/2020|2020-07-17|EPI_ISL_515848|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUH-996349/2020|2020-08-27|EPI_ISL_549525|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Singapore/1309/2020|2020-05-17|EPI_ISL_648796|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Scotland/QEUH-A0C301/2020|2020-10-03|EPI_ISL_599414|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2737/2020|2020-06-06|EPI_ISL_545516|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-D6531/2020|2020-04-22|EPI_ISL_487550|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-251033-01/2020|2020-10-21|EPI_ISL_754831|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B82FFF/2020|2020-11-14|EPI_ISL_675492|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5F2F/2020|2020-09-10|EPI_ISL_567560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26674735/2020|2020-04-04|EPI_ISL_485259|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/QEUA-A3238A/2020|2020-10-05|EPI_ISL_628349|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12825/2020|2020-10-18|EPI_ISL_648476|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-0875/2020|2020-04-00|EPI_ISL_684485|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/IDF-10031BS/2020|2020-03-00|EPI_ISL_447670|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/Scotland/MILK-9C30D3/2020|2020-09-07|EPI_ISL_575992|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A9583B/2020|2020-10-20|EPI_ISL_624823|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8387/2020|2020-07-00|EPI_ISL_687486|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/NW-HHU-242/2020|2020-09-15|EPI_ISL_631375|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/CAMC-B0C458/2020|2020-10-30|EPI_ISL_643457|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/skmc-001/2020|2020-02-27|EPI_ISL_582624|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/Scotland/EDB8168/2020|2020-10-08|EPI_ISL_585485|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Scotland/CVR175/2020|2020-03-17|EPI_ISL_425715|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1209/2020|2020-03-18|EPI_ISL_631670|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-B75E01/2020|2020-11-12|EPI_ISL_723707|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-E998A/2020|2020-04-23|EPI_ISL_448345|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-995104/2020|2020-08-24|EPI_ISL_552210|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8B687/2020|2020-12-16|EPI_ISL_756461|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B88490/2020|2020-11-13|EPI_ISL_674398|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1103/2020|2020-06-26|EPI_ISL_525970|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/UT-UPHL-2012289921/2020|2020-07-27|EPI_ISL_745720|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-UW-9580/2020|2020-05-20|EPI_ISL_570266|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00228950/2020|2020-03-20|EPI_ISL_535881|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/India/MH-ACTREC-092/2020|2020-05-22|EPI_ISL_699748|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/CAMB-1B097C/2020|2020-05-05|EPI_ISL_459208|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7285C/2020|2020-03-22|EPI_ISL_439537|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/MILK-9F2A46/2020|2020-09-25|EPI_ISL_589253|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01203/2020|2020-06-00|EPI_ISL_548825|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Sweden/20-06883/2020|2020-04-03|EPI_ISL_434658|Original|hCoV-19^^Skane|Human|Lundens VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-MCoV-18975/2020|2020-11-26|EPI_ISL_785258|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-EVTL136/2020|2020-05-07|EPI_ISL_451297|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-C30B55/2020|2020-12-11|EPI_ISL_731447|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5455/2020|2020-09-21|EPI_ISL_620780|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-UW-2085/2020|2020-09-21|EPI_ISL_677490|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-562/2020|2020-09-20|EPI_ISL_577990|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-AF50D7/2020|2020-10-30|EPI_ISL_663075|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/CE-RII-MH2728S/2020|2020-09-11|EPI_ISL_602416|Original|hCoV-19^^Chechen|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Gambia/GC19-3776/2020|2020-07-27|EPI_ISL_561076|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Croatia/Zagreb-17/2020|2020-09-08|EPI_ISL_710561|Original|hCoV-19^^Zagreb|Human|University Hospital Dubrava|Ru\u0111er Bo\u0161kovic Institute; Forensic Science Centre Ivan Vu\u010deti\u0107; University of Zagreb Faculty of Science|Karlic|Croatia

>Spike|hCoV-19/England/ALDP-A69539/2020|2020-10-12|EPI_ISL_609061|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2333/2020|2020-05-00|EPI_ISL_685938|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-BCB4EC/2020|2020-11-27|EPI_ISL_704264|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1125/2020|2020-05-04|EPI_ISL_463615|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-2F29C/2020|2020-04-07|EPI_ISL_446227|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-5B224E/2020|2020-06-17|EPI_ISL_558666|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-146/2020|2020-11-13|EPI_ISL_751466|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Wales/PHWC-48DE0D/2020|2020-11-09|EPI_ISL_680761|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-319/2020|2020-06-19|EPI_ISL_735348|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Uganda/UG120/2020|2020-09-01|EPI_ISL_738027|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/England/BRIS-12D804/2020|2020-05-06|EPI_ISL_481857|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F7B5/2020|2020-11-10|EPI_ISL_681138|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2749/2020|2020-07-21|EPI_ISL_525739|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Brazil/SP-511/2020|2020-04-17|EPI_ISL_524465|Original|hCoV-19^^S\u00e3o Paulo|Human|PS Municipal Dr. Caetano Virg\u00e9lio Neto|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Australia/WA366/2020|2020-10-11|EPI_ISL_605843|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Scotland/QEUA-964344/2020|2020-08-11|EPI_ISL_534371|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9560/2020|2020-11-09|EPI_ISL_669040|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-990682/2020|2020-08-26|EPI_ISL_530360|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5467/2020|2020-08-00|EPI_ISL_690570|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-13750/2020|2020-11-30|EPI_ISL_712999|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B68223/2020|2020-11-11|EPI_ISL_661567|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A05933/2020|2020-09-29|EPI_ISL_600104|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8231/2020|2020-10-26|EPI_ISL_617254|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16519C/2020|2020-05-17|EPI_ISL_479431|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW338/2020|2020-03-16|EPI_ISL_418905|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/204781134/2020|2020-11-19|EPI_ISL_678755|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-BC3EE6/2020|2020-11-24|EPI_ISL_703263|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F4BB/2020|2020-12-07|EPI_ISL_743223|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E749/2020|2020-10-05|EPI_ISL_587277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EFB33/2020|2020-00-00|EPI_ISL_549368|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NORW-EECAA/2020|2020-00-00|EPI_ISL_529457|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10347/2020|2020-11-02|EPI_ISL_669917|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AD2EA9/2020|2020-10-26|EPI_ISL_629957|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000400/2020|2020-03-23|EPI_ISL_631884|Original|hCoV-19^^New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-A46A15/2020|2020-10-06|EPI_ISL_598400|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0216/2020|2020-04-15|EPI_ISL_529152|Original|hCoV-19^^California|Human|Department of Immunology|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Luxembourg/LNS7566407/2020|2020-11-06|EPI_ISL_744587|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-AD5019/2020|2020-10-26|EPI_ISL_633968|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG480342/2020|2020-07-08|EPI_ISL_695065|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Spain/MD-IBV-004983/2020|2020-06-01|EPI_ISL_481100|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-96E632/2020|2020-08-17|EPI_ISL_530538|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008954/2020|2020-05-11|EPI_ISL_525281|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/BRIS-12BA6A/2020|2020-05-18|EPI_ISL_469398|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC168/2020|2020-04-01|EPI_ISL_634829|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/MI-UM-2006S000907/2020|2020-03-28|EPI_ISL_484748|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/GCVR-16FE31/2020|2020-03-23|EPI_ISL_459516|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-27773/2020|2020-10-26|EPI_ISL_660989|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-957CA3/2020|2020-06-13|EPI_ISL_554713|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4344/2020|2020-07-00|EPI_ISL_692572|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-DC0C29/2020|2020-11-03|EPI_ISL_702569|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/ON-S1963/2020|2020-11-24|EPI_ISL_755679|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/NORW-F4E9C/2020|2020-10-31|EPI_ISL_665877|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Norway/6605/2020|2020-12-07|EPI_ISL_775403|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Spain/AR-IBV-2414/2020|2020-03-24|EPI_ISL_468772|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Netherlands/NB-EMC-450/2020|2020-11-30|EPI_ISL_722713|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/IL-UW-2080/2020|2020-10-19|EPI_ISL_677485|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-3370/2020|2020-06-14|EPI_ISL_544154|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3826/2020|2020-07-00|EPI_ISL_692077|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/GE-SNRCI-3403/2020|2020-03-00|EPI_ISL_548167|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Germany/NW-HHU-381/2020|2020-11-26|EPI_ISL_718053|Orginal|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Canada/BC-BCCDC-7564/2020|2020-11-00|EPI_ISL_740725|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/Wales/PHWC-16A276/2020|2020-09-01|EPI_ISL_535223|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0491/2020|2020-06-21|EPI_ISL_560935|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-2A598/2020|2020-04-05|EPI_ISL_445587|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2711/2020|2020-03-15|EPI_ISL_605047|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-19165/2020|2020-12-07|EPI_ISL_748202|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-9E4CE7/2020|2020-09-23|EPI_ISL_601056|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1762/2020|2020-04-14|EPI_ISL_526467|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02747/2020|2020-09-25|EPI_ISL_765612|Original|hCoV-19^^Massachusetts|Human|Brigham and Womens Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/BRIS-124A43/2020|2020-03-25|EPI_ISL_443895|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-AD0FF3/2020|2020-10-26|EPI_ISL_634595|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0171/2020|2020-03-28|EPI_ISL_498261|Original|hCoV-19^^Bangkok|Human|Hospital for Tropical Diseases|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/PA-MGEL-00242/2020|2020-04-16|EPI_ISL_681981|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Australia/VIC5257/2020|2020-07-21|EPI_ISL_520022|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/ULG-10047/2020|2020-03-30|EPI_ISL_421214|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/NORT-290E72/2020|2020-05-03|EPI_ISL_453536|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B22B48/2020|2020-11-02|EPI_ISL_647453|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21034/2020|2020-12-21|EPI_ISL_759517|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4936/2020|2020-09-21|EPI_ISL_621474|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B0D16/2020|2020-05-11|EPI_ISL_452965|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-B8FA2E/2020|2020-11-13|EPI_ISL_674688|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUB-9F9924/2020|2020-09-26|EPI_ISL_589246|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/DL-NVRL-20G45155/2020|2020-04-02|EPI_ISL_666695|Original|hCoV-19^^Donegal|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium-Teagasc Grange|McCabe|Ireland

>Spike|hCoV-19/England/GSTT-265D9A3/2020|2020-03-26|EPI_ISL_484043|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00143/2020|2020-04-03|EPI_ISL_791615|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Spain/VC-IBV-98003556/2020|2020-03-30|EPI_ISL_537978|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/LA-GBCL-26791694/2020|2020-04-10|EPI_ISL_485320|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Australia/TAS37/2020|2020-04-13|EPI_ISL_522714|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-5947/2020|2020-10-05|EPI_ISL_620212|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/490/2020|2020-04-26|EPI_ISL_477187|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine Tan Tock Seng Hospital|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/Spain/VC-IBV-98003501/2020|2020-03-23|EPI_ISL_537947|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-162D6E/2020|2020-05-27|EPI_ISL_473196|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-C63A5C/2020|2020-12-13|EPI_ISL_735721|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACD6F4/2020|2020-10-21|EPI_ISL_634517|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB1866/2020|2020-10-23|EPI_ISL_623647|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7472/2020|2020-10-12|EPI_ISL_619402|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DB2E51/2020|2020-10-27|EPI_ISL_638021|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BIRM-6386D/2020|2020-08-19|EPI_ISL_529363|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1320/2020|2020-03-17|EPI_ISL_422971|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-UM-10033828725/2020|2020-04-01|EPI_ISL_578133|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-56D734/2020|2020-06-11|EPI_ISL_558349|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A47FF7/2020|2020-10-06|EPI_ISL_598389|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1416/2020|2020-05-19|EPI_ISL_495866|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-2994/2020|2020-04-00|EPI_ISL_691118|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-7003/2020|2020-10-12|EPI_ISL_619850|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MO-CDC-2-3714154/2020|2020-11-10|EPI_ISL_751657|Original|hCoV-19^^Missouri|Human|MO State Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Netherlands/NA_701/2020|2020-04-17|EPI_ISL_461136|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/AZ-QDX-1556/2020|2020-03-18|EPI_ISL_603760|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-894B80/2020|2020-07-26|EPI_ISL_532658|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-208/2020|2020-04-15|EPI_ISL_537515|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/South Korea/KCDC2527/2020|2020-06-18|EPI_ISL_514930|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Wales/PHWC-4A440E/2020|2020-12-16|EPI_ISL_764691|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1422/2020|2020-08-31|EPI_ISL_549204|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-663/2020|2020-09-17|EPI_ISL_632504|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/ARA-25382/2020|2020-04-15|EPI_ISL_676555|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMC-A65360/2020|2020-10-11|EPI_ISL_637649|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-A58D17/2020|2020-10-08|EPI_ISL_597059|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95269B/2020|2020-06-09|EPI_ISL_553962|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB22B1/2020|2020-11-18|EPI_ISL_720473|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4543/2020|2020-09-21|EPI_ISL_621340|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA512E/2020|2020-10-21|EPI_ISL_630807|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1351/2020|2020-06-13|EPI_ISL_648701|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Wales/PHWC-16C405/2020|2020-09-06|EPI_ISL_574053|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-95A55A/2020|2020-06-12|EPI_ISL_553368|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290753-01/2020|2020-12-21|EPI_ISL_767572|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-B53874/2020|2020-11-08|EPI_ISL_656820|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0281/2020|2020-03-31|EPI_ISL_569428|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Northern Ireland/ALDP-5C0CF4/2020|2020-06-19|EPI_ISL_558810|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15637/2020|2020-10-26|EPI_ISL_785321|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC_23918026/2020|2020-03-00|EPI_ISL_463189|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/ALDP-A859C2/2020|2020-10-18|EPI_ISL_610572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11748/2020|2020-10-26|EPI_ISL_671111|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B9EED5/2020|2020-11-18|EPI_ISL_719766|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-321392/2020|2020-10-13|EPI_ISL_603633|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-9F9B88/2020|2020-09-25|EPI_ISL_595750|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-1BA972/2020|2020-11-12|EPI_ISL_664310|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0378/2020|2020-05-13|EPI_ISL_463134|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-S464/2020|2020-04-04|EPI_ISL_434224|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/NSW1354/2020|2020-12-28|EPI_ISL_767920|Original|hCoV-19^^New South Wales|Human|Pathology North - Hunter - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/PORT-2D56C4/2020|2020-12-20|EPI_ISL_765126|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-B263F1/2020|2020-11-04|EPI_ISL_646583|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F727/2020|2020-10-05|EPI_ISL_609740|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4833/2020|2020-09-21|EPI_ISL_621518|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3378/2020|2020-08-31|EPI_ISL_616137|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A96050/2020|2020-10-20|EPI_ISL_624655|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A6C25D/2020|2020-10-09|EPI_ISL_665549|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0232/2020|2020-04-01|EPI_ISL_452809|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/CVR4454/2020|2020-09-20|EPI_ISL_585319|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FA686/2020|2020-09-29|EPI_ISL_588076|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-945051/2020|2020-07-15|EPI_ISL_556972|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BFCDD8/2020|2020-12-03|EPI_ISL_720821|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0220/2020|2020-11-11|EPI_ISL_747455|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Chile/RM-170043/2020|2020-09-04|EPI_ISL_746709|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/New Zealand/20VR3009/2020|2020-00-00|EPI_ISL_579381|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Denmark/DCGC-17008/2020|2020-12-14|EPI_ISL_750705|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-957F04/2020|2020-06-15|EPI_ISL_554791|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_166/2020|2020-04-16|EPI_ISL_461338|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_N-3/2020|2020-07-12|EPI_ISL_774981|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-20420/2020|2020-12-21|EPI_ISL_758727|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-15948/2020|2020-12-02|EPI_ISL_739344|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/CVR5191/2020|2020-10-14|EPI_ISL_627200|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11145/2020|2020-11-02|EPI_ISL_670415|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BL-ETHZ-380349/2020|2020-11-21|EPI_ISL_721792|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-MDHHS-SC20513/2020|2020-04-29|EPI_ISL_460561|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-16A188/2020|2020-09-05|EPI_ISL_535209|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Israel/CVL-n-14266/2020|2020-00-00|EPI_ISL_474995|Original|hCoV-19^^Kefar Sava|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/20148035404/2020|2020-04-01|EPI_ISL_466062|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-A9F215/2020|2020-10-20|EPI_ISL_652678|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/SHEF-C6C11/2020|2020-03-30|EPI_ISL_432828|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15148/2020|2020-10-16|EPI_ISL_786632|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-8253/2020|2020-10-26|EPI_ISL_616926|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48082A/2020|2020-10-11|EPI_ISL_612937|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1337/2020|2020-03-24|EPI_ISL_496923|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20614/2020|2020-04-30|EPI_ISL_462696|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-9928B7/2020|2020-08-27|EPI_ISL_552172|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12055/2020|2020-11-25|EPI_ISL_791387|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Denmark/DCGC-21300/2020|2020-12-21|EPI_ISL_759660|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-1112AB/2020|2020-04-23|EPI_ISL_453641|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-4937/2020|2020-08-31|EPI_ISL_730221|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Denmark/DCGC-2356/2020|2020-08-10|EPI_ISL_617695|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B9050/2020|2020-00-00|EPI_ISL_704403|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-362/2020|2020-03-23|EPI_ISL_571105|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Canada/NB_35/2020|2020-03-14|EPI_ISL_429816|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/Australia/VIC5743/2020|2020-07-21|EPI_ISL_518544|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC745/2020|2020-03-29|EPI_ISL_427023|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMC-C738C8/2020|2020-12-15|EPI_ISL_769053|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2271/2020|2020-08-10|EPI_ISL_617628|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-76339/2020|2020-03-28|EPI_ISL_439508|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-B7C23B/2020|2020-11-13|EPI_ISL_668185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1007/2020|2020-04-27|EPI_ISL_614778|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/6039/2020|2020-11-19|EPI_ISL_775271|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/OXON-B2C63/2020|2020-04-14|EPI_ISL_534802|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0823/2020|2020-05-13|EPI_ISL_568980|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Russia/SPE-RII-18358V/2020|2020-05-28|EPI_ISL_524019|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Spain/AR-IBV-005116/2020|2020-04-26|EPI_ISL_510383|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-18219/2020|2020-12-14|EPI_ISL_749823|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-HP00037/2020|2020-03-24|EPI_ISL_434587|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Mehoke|USA

>Spike|hCoV-19/Wales/PHWC-15D258/2020|2020-05-07|EPI_ISL_472689|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-BCC5BB/2020|2020-11-27|EPI_ISL_704055|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9FA774/2020|2020-09-28|EPI_ISL_588063|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A79062/2020|2020-10-12|EPI_ISL_638782|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20171/2020|2020-11-30|EPI_ISL_748026|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-12793/2020|2020-10-14|EPI_ISL_648449|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WI-GMF-16473/2020|2020-08-21|EPI_ISL_547725|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-B59805/2020|2020-11-06|EPI_ISL_679871|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-73IRL23909/2020|2020-09-05|EPI_ISL_578328|Original|hCoV-19^^Wicklow|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Switzerland/BS-42241303/2020|2020-04-22|EPI_ISL_581917|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-2654/2020|2020-08-17|EPI_ISL_617874|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B23C53/2020|2020-11-04|EPI_ISL_646373|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CC905/2020|2020-03-31|EPI_ISL_432529|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A93F56/2020|2020-10-19|EPI_ISL_611063|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8D9DB6/2020|2020-06-24|EPI_ISL_557031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10879/2020|2020-11-13|EPI_ISL_678422|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-4844/2020|2020-06-21|EPI_ISL_544370|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21229/2020|2020-04-07|EPI_ISL_507485|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/ALDP-B1CB32/2020|2020-11-01|EPI_ISL_666109|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-5645/2020|2020-04-00|EPI_ISL_688769|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-1548/2020|2020-04-13|EPI_ISL_542788|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-164537/2020|2020-04-29|EPI_ISL_474191|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CA3D3/2020|2020-09-10|EPI_ISL_567307|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15277/2020|2020-10-22|EPI_ISL_786761|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUEH-AAE8F3/2020|2020-10-22|EPI_ISL_624018|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-AAFBAE/2020|2020-10-21|EPI_ISL_634803|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01573/2020|2020-04-07|EPI_ISL_449822|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-95273E/2020|2020-06-09|EPI_ISL_553977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12F6BD/2020|2020-03-06|EPI_ISL_488254|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A3852/2020|2020-05-19|EPI_ISL_490387|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-805EB/2020|2020-04-09|EPI_ISL_470438|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2813/2020|2020-06-08|EPI_ISL_543789|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B07192/2020|2020-10-30|EPI_ISL_643666|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20119042004/2020|2020-03-12|EPI_ISL_465061|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/ON-S352/2020|2020-03-30|EPI_ISL_586404|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-9CC447/2020|2020-09-16|EPI_ISL_573107|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15650/2020|2020-07-09|EPI_ISL_785334|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B56C57/2020|2020-11-05|EPI_ISL_656835|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94FC9F/2020|2020-06-16|EPI_ISL_555280|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/H9/2020|2020-04-24|EPI_ISL_528721|Original|hCoV-19^^Abu Dhabi|Human|Alsafar - Khalifa University Abu Dhabi|Alsafar - Khalifa University Abu Dhabi|Daw Elbait|United Arab Emirates

>Spike|hCoV-19/USA/FL-BPHL-2139/2020|2020-06-28|EPI_ISL_653292|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LOND-1251690/2020|2020-11-20|EPI_ISL_679423|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14497/2020|2020-11-30|EPI_ISL_711254|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-QDX-1869/2020|2020-03-15|EPI_ISL_604182|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-1AFBA7/2020|2020-05-03|EPI_ISL_459216|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012119230/2020|2020-11-30|EPI_ISL_746961|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Sweden/20-50227/2020|2020-03-07|EPI_ISL_454893|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Brazil/RJ-0249/2020|2020-03-25|EPI_ISL_470617|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/LIVE-1D1F82/2020|2020-05-13|EPI_ISL_572691|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-CB23CC/2020|2020-12-08|EPI_ISL_761050|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-BJMC-2192/2020|2020-04-22|EPI_ISL_496550|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/CAMC-A3F2EA/2020|2020-10-03|EPI_ISL_609627|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCAA45/2020|2020-11-23|EPI_ISL_703683|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2089/2020|2020-04-00|EPI_ISL_685694|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-79A1E3/2020|2020-07-15|EPI_ISL_533088|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-2298/2020|2020-03-14|EPI_ISL_604548|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-B7F57B/2020|2020-11-14|EPI_ISL_674563|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA77/2020|2020-06-18|EPI_ISL_508271|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/QEUEH-9B4BA7/2020|2020-09-03|EPI_ISL_590322|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8176/2020|2020-07-07|EPI_ISL_784247|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-962926/2020|2020-08-10|EPI_ISL_531781|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A4C657/2020|2020-10-07|EPI_ISL_595985|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8661190/2020|2020-10-12|EPI_ISL_744782|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-A819F3/2020|2020-10-14|EPI_ISL_610748|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000906/2020|2020-03-26|EPI_ISL_452661|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUA-AE49C1/2020|2020-10-27|EPI_ISL_633287|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95D1AE/2020|2020-06-18|EPI_ISL_553457|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20126007202/2020|2020-03-16|EPI_ISL_418752|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9EE3BB/2020|2020-05-06|EPI_ISL_589415|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C2064/2020|2020-05-02|EPI_ISL_457591|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-C83CBA/2020|2020-12-17|EPI_ISL_762857|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01167/2020|2020-06-00|EPI_ISL_548789|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-49DE0A/2020|2020-05-19|EPI_ISL_559524|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C06684/2020|2020-12-06|EPI_ISL_709410|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01896/2020|2020-04-13|EPI_ISL_454721|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Shanghai/SH0091/2020|2020-02-05|EPI_ISL_416388|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/Portugal/PT0784/2020|2020-03-16|EPI_ISL_511043|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-9C9213/2020|2020-09-11|EPI_ISL_567195|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08627/2020|2020-05-21|EPI_ISL_524365|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/NSW2383/2020|2020-03-04|EPI_ISL_678308|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Hong Kong/VM20009307/2020|2020-04-05|EPI_ISL_444035|Original|hCoV-19^^Hong Kong|Human|Princess Margaret Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/USA/MA-MASPHL-00632/2020|2020-05-12|EPI_ISL_692996|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/NOTT-10FC84/2020|2020-04-08|EPI_ISL_432706|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M860/2020|2020-06-12|EPI_ISL_495258|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Scotland/QEUH-A63B2E/2020|2020-10-09|EPI_ISL_596182|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-C240DD/2020|2020-12-06|EPI_ISL_733706|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-06-UMTL-A5QM/2020|2020-04-12|EPI_ISL_479767|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/USA/MI-UM-10036782210/2020|2020-11-04|EPI_ISL_707873|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-9A912B/2020|2020-08-31|EPI_ISL_551150|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BCB65F/2020|2020-11-26|EPI_ISL_703862|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUH-AD336D/2020|2020-10-25|EPI_ISL_647959|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654339/2020|2020-04-13|EPI_ISL_695984|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-951A45/2020|2020-06-10|EPI_ISL_555444|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_6300/2020|2020-04-29|EPI_ISL_774908|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Switzerland/SG-ETHZ-200068/2020|2020-07-15|EPI_ISL_510749|Original|hCoV-19^^Sankt Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B9805D/2020|2020-11-15|EPI_ISL_674862|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9EED26/2020|2020-09-24|EPI_ISL_580638|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000576/2020|2020-04-02|EPI_ISL_632035|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC7008/2020|2020-07-24|EPI_ISL_564196|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17291/2020|2020-12-14|EPI_ISL_750883|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BCA571/2020|2020-11-23|EPI_ISL_703268|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10114/2020|2020-07-06|EPI_ISL_789326|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-BD1C63/2020|2020-11-27|EPI_ISL_702134|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B85B9E/2020|2020-11-13|EPI_ISL_673923|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14440/2020|2020-11-30|EPI_ISL_711770|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BB-RKI-NP-0077/2020|2020-12-21|EPI_ISL_763052|Original|hCoV-19^^Brandenburg|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/Luxembourg/LNS7194786/2020|2020-09-14|EPI_ISL_744531|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Germany/HH-hpi-p1922/2020|2020-03-25|EPI_ISL_776253|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUH-AF4032/2020|2020-10-30|EPI_ISL_663185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F3DC4/2020|2020-09-23|EPI_ISL_588547|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-EMC-64/2020|2020-08-27|EPI_ISL_577860|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Italy/LAZ-INMI-125/2020|2020-12-18|EPI_ISL_746832|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/Denmark/DCGC-15652/2020|2020-11-23|EPI_ISL_713324|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3202/2020|2020-04-00|EPI_ISL_691322|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-125/2020|2020-03-15|EPI_ISL_460050|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-BC1A3F/2020|2020-11-22|EPI_ISL_704691|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2026/2020|2020-03-20|EPI_ISL_500605|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/USA/WI-UW-1977/2020|2020-09-29|EPI_ISL_677385|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/20194106801/2020|2020-05-05|EPI_ISL_465618|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A5E3B5/2020|2020-10-12|EPI_ISL_609191|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B51454/2020|2020-11-06|EPI_ISL_657815|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1508/2020|2020-08-30|EPI_ISL_755893|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/AZ-TG668338/2020|2020-05-13|EPI_ISL_696263|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001103/2020|2020-10-18|EPI_ISL_671686|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-BB0E82/2020|2020-11-18|EPI_ISL_720501|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5727/2020|2020-09-21|EPI_ISL_621232|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9618B1/2020|2020-07-31|EPI_ISL_536967|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200165/2020|2020-07-20|EPI_ISL_752726|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-938A08/2020|2020-06-21|EPI_ISL_551513|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A659/2020|2020-04-06|EPI_ISL_445599|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16493B/2020|2020-05-15|EPI_ISL_479324|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0585-SAN/2020|2020-04-15|EPI_ISL_483241|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-20766/2020|2020-12-21|EPI_ISL_759351|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-BFEF7/2020|2020-03-25|EPI_ISL_432713|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A86F29/2020|2020-10-17|EPI_ISL_606109|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B31D13/2020|2020-11-04|EPI_ISL_646149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9E4151/2020|2020-09-23|EPI_ISL_579844|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-09221149/2020|2020-09-22|EPI_ISL_738237|Original|hCoV-19^^Haren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/CVR563/2020|2020-03-23|EPI_ISL_439084|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-100140/2020|2020-03-16|EPI_ISL_451724|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-13336/2020|2020-08-24|EPI_ISL_788484|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/DE-DHSS-F1015897/2020|2020-10-12|EPI_ISL_708404|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Sweden/20-08098/2020|2020-03-06|EPI_ISL_454469|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Japan/PG-8885/2020|2020-08-00|EPI_ISL_686431|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-112CCA/2020|2020-07-01|EPI_ISL_493608|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-3505/2020|2020-07-00|EPI_ISL_691761|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-p1998/2020|2020-03-27|EPI_ISL_776315|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/MI-QDX-1772/2020|2020-03-17|EPI_ISL_604058|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/TAS63/2020|2020-03-23|EPI_ISL_522735|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-DSHS-1035/2020|2020-06-15|EPI_ISL_628714|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MI-UM-10035892209/2020|2020-09-10|EPI_ISL_583396|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NORT-294E23/2020|2020-03-29|EPI_ISL_478620|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9F77F/2020|2020-11-18|EPI_ISL_720953|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16185/2020|2020-11-16|EPI_ISL_714626|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49461A/2020|2020-11-20|EPI_ISL_726144|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-BEB1C1/2020|2020-12-04|EPI_ISL_710637|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6447/2020|2020-08-00|EPI_ISL_689552|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-A1DF36/2020|2020-10-01|EPI_ISL_587562|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6752/2020|2020-08-00|EPI_ISL_687862|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT0011/2020|2020-03-08|EPI_ISL_417996|Original|hCoV-19^^Portugal|Human|CHULC - H Curry Cabral|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/CVR3671/2020|2020-05-22|EPI_ISL_473752|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3280585/2020|2020-10-22|EPI_ISL_740283|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-3936/2020|2020-07-00|EPI_ISL_692187|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-BC7996/2020|2020-11-23|EPI_ISL_721453|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E507/2020|2020-11-12|EPI_ISL_680870|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/TAS237/2020|2020-04-13|EPI_ISL_522666|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19294/2020|2020-11-28|EPI_ISL_783745|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AA5F9/2020|2020-04-17|EPI_ISL_470254|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49057B/2020|2020-11-06|EPI_ISL_706488|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-BA2DA4/2020|2020-11-18|EPI_ISL_721156|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4736675/2020|2020-11-01|EPI_ISL_740535|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/QLD1214/2020|2020-03-23|EPI_ISL_639805|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/CA-CHLA-PLM39616724/2020|2020-12-15|EPI_ISL_753674|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Spain/PV-IBV-004285/2020|2020-04-08|EPI_ISL_510401|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/India/GJ-GBRC299b/2020|2020-06-15|EPI_ISL_495043|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/NY-NYCPHL-001326/2020|2020-11-12|EPI_ISL_683920|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-A5124C/2020|2020-10-07|EPI_ISL_598246|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C6FE/2020|2020-12-10|EPI_ISL_731642|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2936/2020|2020-07-16|EPI_ISL_635739|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-AA2B14/2020|2020-10-22|EPI_ISL_624091|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491CEE/2020|2020-11-12|EPI_ISL_706768|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2599/2020|2020-08-21|EPI_ISL_667261|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/PORT-2EA34D/2020|2020-00-00|EPI_ISL_665330|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/SHEF-10B285D/2020|2020-04-28|EPI_ISL_537282|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A4B10C/2020|2020-10-05|EPI_ISL_637668|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Indonesia/JK-NIHRD-MI41613/2020|2020-07-27|EPI_ISL_538504|Original|hCoV-19^^Jakarta|Human|National Institute of Health Research and Development|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/Canada/QC-LSPQ-L00231814/2020|2020-03-20|EPI_ISL_535964|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Chicoutimi|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/NOTT-113F1B/2020|2020-10-01|EPI_ISL_577122|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Kazakhstan/26475/2020|2020-04-26|EPI_ISL_454587|Original|hCoV-19^^Nur-Sultan|Human|Laboratory of virology|Laboratory of molecular-genetic research|Abdaliyev|Kazakhstan

>Spike|hCoV-19/England/NOTT-1201BB/2020|2020-12-07|EPI_ISL_706435|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42184795/2020|2020-03-10|EPI_ISL_527979|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Brazil/RS-6184/2020|2020-05-08|EPI_ISL_729823|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Luxembourg/LNS7617595/2020|2020-10-16|EPI_ISL_744599|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-11873/2020|2020-04-09|EPI_ISL_625595|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-B514DC/2020|2020-11-08|EPI_ISL_658034|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4525/2020|2020-09-22|EPI_ISL_585385|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/L920673013/2020|2020-04-17|EPI_ISL_520737|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/England/LIVE-9D69D/2020|2020-04-10|EPI_ISL_453223|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D3B6/2020|2020-10-01|EPI_ISL_586135|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AB80EF/2020|2020-10-22|EPI_ISL_623468|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-68090/2020|2020-09-04|EPI_ISL_683397|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Luxembourg/LNS2400608/2020|2020-12-23|EPI_ISL_771065|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-5098/2020|2020-06-21|EPI_ISL_544523|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B3287B/2020|2020-11-05|EPI_ISL_659652|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8584/2020|2020-08-15|EPI_ISL_565100|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-3933/2020|2020-07-29|EPI_ISL_548510|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/United Arab Emirates/L3290361549/2020|2020-05-30|EPI_ISL_520708|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/USA/VA-DCLS-0649/2020|2020-04-11|EPI_ISL_495321|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/South Africa/KRISP-K001051/2020|2020-07-14|EPI_ISL_509309|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-SIALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-B1BCE5/2020|2020-10-31|EPI_ISL_646025|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABC11/2020|2020-04-20|EPI_ISL_470136|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1DEB36/2020|2020-10-10|EPI_ISL_626815|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7878146/2020|2020-10-20|EPI_ISL_744646|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/SHEF-CB64B/2020|2020-04-24|EPI_ISL_479248|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM41636829/2020|2020-11-30|EPI_ISL_753516|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Greece/47/2020|2020-03-23|EPI_ISL_434462|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/20132018604/2020|2020-03-23|EPI_ISL_423732|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B23691/2020|2020-11-04|EPI_ISL_647099|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21642/2020|2020-12-21|EPI_ISL_758281|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/OR-ILSCV27713/2020|2020-05-21|EPI_ISL_481121|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Spain/IB-IBV-99007233/2020|2020-05-28|EPI_ISL_541961|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS3672765/2020|2020-10-28|EPI_ISL_740352|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-15576/2020|2020-11-23|EPI_ISL_713904|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-268/2020|2020-07-09|EPI_ISL_699920|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/MILK-A7C0BA/2020|2020-10-15|EPI_ISL_606338|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1945/2020|2020-09-21|EPI_ISL_613481|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Germany/HH-hpi-p1848/2020|2020-03-22|EPI_ISL_776199|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/UT-02954/2020|2020-05-01|EPI_ISL_509551|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/NORW-F651D/2020|2020-12-12|EPI_ISL_725298|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Portugal/PT0285/2020|2020-03-09|EPI_ISL_454000|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Iran/SA-Isf-50/2020|2020-08-06|EPI_ISL_672607|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh,S.|Iran

>Spike|hCoV-19/USA/LA-EVTL1030/2020|2020-08-25|EPI_ISL_653721|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-ALSR-3043/2020|2020-07-31|EPI_ISL_635809|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-A65500/2020|2020-10-11|EPI_ISL_608402|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-CMM-0089M/2020|2020-05-01|EPI_ISL_629021|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Centro de Biotecnolog\u00eda Vegetal|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/Wales/PHWC-498EE1/2020|2020-11-30|EPI_ISL_727227|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9C2F4/2020|2020-03-30|EPI_ISL_449528|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-002841/2020|2020-03-09|EPI_ISL_474923|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CSMC75/2020|2020-04-03|EPI_ISL_475690|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/France/ARA-SC303/2020|2020-03-21|EPI_ISL_649942|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/204380928/2020|2020-10-17|EPI_ISL_609902|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200314/2020|2020-04-20|EPI_ISL_578495|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/SHEF-D3200/2020|2020-10-05|EPI_ISL_653097|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32560/2020|2020-04-07|EPI_ISL_474329|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420695/2020|2020-12-24|EPI_ISL_768304|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-CBDD2D/2020|2020-12-18|EPI_ISL_760326|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D182C/2020|2020-04-13|EPI_ISL_493637|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC57/2020|2020-03-12|EPI_ISL_419779|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory

(VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/WA-S2363/2020|2020-06-10|EPI_ISL_496995|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/CAMC-B78B43/2020|2020-11-12|EPI_ISL_783391|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/NA_693/2020|2020-03-31|EPI_ISL_461128|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/LIVE-A67F8/2020|2020-03-19|EPI_ISL_499744|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Spain/VC-FISABIO-55/2020|2020-03-10|EPI_ISL_425179|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/Sweden/20-22324/2020|2020-04-10|EPI_ISL_660414|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/Australia/NSW178/2020|2020-03-21|EPI_ISL_427670|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Netherlands/ZH-EMC-889/2020|2020-10-30|EPI_ISL_632449|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Switzerland/ZH-ETHZ-400334/2020|2020-12-08|EPI_ISL_728808|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Denmark/DCGC-4366/2020|2020-08-31|EPI_ISL_615569|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUH-AAB3C8/2020|2020-10-21|EPI_ISL_652788|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Canada/QC-LSPQ-L00236787/2020|2020-03-25|EPI_ISL_536149|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Spike|hCoV-19/Scotland/QEUH-96FD3C/2020|2020-08-18|EPI_ISL_568422|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-9337/2020|2020-07-03|EPI_ISL_781066|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-0631/2020|2020-04-00|EPI_ISL_684241|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/NY-Wadsworth-292064-01/2020|2020-12-20|EPI_ISL_767624|Original|hCoV-19^^New York|Human|WHITE PLAINS HOSPITAL CENTER LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/Wales/PHWC-481FD9/2020|2020-10-20|EPI_ISL_613191|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUH-A3293D/2020|2020-10-06|EPI_ISL_628368|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Spain/PV-IBV-98008417/2020|2020-10-27|EPI_ISL_654595|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-267E1/2020|2020-03-26|EPI_ISL_422223|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20146011904/2020|2020-03-31|EPI_ISL_421979|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1491016/2020|2020-11-14|EPI_ISL_739945|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUEH-B7F380/2020|2020-11-14|EPI_ISL_710841|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC440/2020|2020-03-26|EPI_ISL_426737|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-9AAB86/2020|2020-09-01|EPI_ISL_550884|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-83BAA/2020|2020-04-16|EPI_ISL_443345|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC409/2020|2020-03-30|EPI_ISL_435476|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/ID-UW-3204/2020|2020-03-26|EPI_ISL_490993|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/BRIS-121C8C/2020|2020-03-18|EPI_ISL_440148|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7323/2020|2020-10-12|EPI_ISL_619302|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12667A/2020|2020-04-09|EPI_ISL_458971|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-998AD9/2020|2020-08-27|EPI_ISL_540022|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/BRE-IPP10855/2020|2020-12-03|EPI_ISL_754147|Original|hCoV-19^^Bretagne|Human|Laboratoire de Microbiologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/LIVE-A9BAE/2020|2020-03-25|EPI_ISL_517332|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NOTT-11CFB8/2020|2020-11-20|EPI_ISL_665910|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B4C2C/2020|2020-09-03|EPI_ISL_590416|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9FF663/2020|2020-10-02|EPI_ISL_600488|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC2338-CSIR-IGIB/2020|2020-05-19|EPI_ISL_482561|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/Gibraltar/205121190/2020|2020-00-00|EPI_ISL_766320|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-B1CDF0/2020|2020-11-01|EPI_ISL_645785|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S2027/2020|2020-10-13|EPI_ISL_755811|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CAMC-B9AE7F/2020|2020-11-15|EPI_ISL_673613|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A81A1E/2020|2020-10-14|EPI_ISL_610699|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0000001/2020|2020-02-29|EPI_ISL_419562|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-14952/2020|2020-11-23|EPI_ISL_713543|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B20DF9/2020|2020-11-02|EPI_ISL_647589|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20118057904/2020|2020-03-12|EPI_ISL_464929|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4941BF/2020|2020-11-16|EPI_ISL_726080|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S126/2020|2020-03-13|EPI_ISL_430163|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/C200045558/2020|2020-00-00|EPI_ISL_664046|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-260049/2020|2020-08-24|EPI_ISL_539377|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B250FB/2020|2020-11-04|EPI_ISL_646466|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4625/2020|2020-10-21|EPI_ISL_667045|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Bangladesh/CHRF-0020/2020|2020-05-30|EPI_ISL_477131|Original|hCoV-19^^Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/England/QEUA-9F3DF1/2020|2020-09-25|EPI_ISL_588496|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8C450/2020|2020-11-13|EPI_ISL_674304|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2155/2020|2020-11-30|EPI_ISL_708493|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Scotland/EDB3073/2020|2020-04-04|EPI_ISL_488913|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A687/2020|2020-04-02|EPI_ISL_441347|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AAE301/2020|2020-10-22|EPI_ISL_652969|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W1727-8260/2020|2020-08-19|EPI_ISL_754014|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/New Zealand/20VR3195/2020|2020-03-27|EPI_ISL_579481|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-16A21C/2020|2020-09-02|EPI_ISL_535217|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Panama/329546/2020|2020-03-13|EPI_ISL_496632|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/CA-ALSR-3686/2020|2020-09-23|EPI_ISL_636148|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18889/2020|2020-11-26|EPI_ISL_785199|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-0578/2020|2020-06-02|EPI_ISL_569690|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-ALSR-4387/2020|2020-07-27|EPI_ISL_649000|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORW-F7EE4/2020|2020-11-04|EPI_ISL_652363|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16189/2020|2020-10-29|EPI_ISL_785873|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/MO-NVRL-20G31886/2020|2020-03-18|EPI_ISL_605073|Original|hCoV-19^^Mayo|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapathi|Ireland

>Spike|hCoV-19/England/QEUEH-9E3EF1/2020|2020-09-24|EPI_ISL_579761|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M152/2020|2020-06-06|EPI_ISL_495187|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/CAMC-B07648/2020|2020-10-30|EPI_ISL_643824|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35D65/2020|2020-04-26|EPI_ISL_474564|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB763/2020|2020-04-02|EPI_ISL_457016|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F2E2/2020|2020-11-02|EPI_ISL_641975|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200295/2020|2020-04-17|EPI_ISL_578480|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Latvia/176/2020|2020-09-29|EPI_ISL_639673|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/NY-Wadsworth-281411-01/2020|2020-11-05|EPI_ISL_734476|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUA-AD236E/2020|2020-10-24|EPI_ISL_634019|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6473/2020|2020-08-00|EPI_ISL_689578|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14059/2020|2020-11-30|EPI_ISL_711541|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5388/2020|2020-06-26|EPI_ISL_544738|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-23FEC/2020|2020-03-15|EPI_ISL_418135|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-22514-01/2020|2020-03-19|EPI_ISL_676750|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Ireland/WX-NVRL-AIIDW002v1/2020|2020-12-11|EPI_ISL_791324|Original|hCoV-19^^Wexford|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/AZ-TG351924/2020|2020-05-22|EPI_ISL_694406|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-4869A9/2020|2020-10-28|EPI_ISL_639096|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Turkey/HSGM-1432/2020|2020-03-19|EPI_ISL_437326|Vero Pl|hCoV-19^^Istanbul|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/England/OXON-B3EC6/2020|2020-03-23|EPI_ISL_534916|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17099/2020|2020-12-14|EPI_ISL_750757|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-QDX-1352/2020|2020-03-14|EPI_ISL_572141|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/IC-0288/2020|2020-11-00|EPI_ISL_667717|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012010851/2020|2020-08-12|EPI_ISL_745904|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-B7DCE1/2020|2020-11-14|EPI_ISL_741915|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-C913D/2020|2020-06-14|EPI_ISL_484478|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8C20/2020|2020-10-28|EPI_ISL_651681|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1895/2020|2020-03-24|EPI_ISL_776235|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-4A30ED/2020|2020-12-14|EPI_ISL_744052|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20843/2020|2020-12-18|EPI_ISL_790898|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-A87544/2020|2020-10-17|EPI_ISL_606094|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB012/2020|2020-11-11|EPI_ISL_664647|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI2-B/2020|2020-02-03|EPI_ISL_451301|Original|hCoV-19^^Lazio|Human|Laboratory of Virology|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/England/ALDP-BE91D2/2020|2020-12-03|EPI_ISL_708976|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0114/2020|2020-06-15|EPI_ISL_540991|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/USA/TX-HMH-6709/2020|2020-06-24|EPI_ISL_546186|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-10D8208/2020|2020-12-17|EPI_ISL_742112|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-C86E4/2020|2020-11-20|EPI_ISL_680154|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D862/2020|2020-09-25|EPI_ISL_577454|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-11391D/2020|2020-09-15|EPI_ISL_573445|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/PORT-2D47D1/2020|2020-10-11|EPI_ISL_613295|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-9EAEEB/2020|2020-09-24|EPI_ISL_579964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42200029/2020|2020-03-20|EPI_ISL_528263|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MA-MGH-00853/2020|2020-04-13|EPI_ISL_791796|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/South Africa/R07601/2020|2020-03-30|EPI_ISL_450300|Original|hCoV-19^^Limpopo|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/CAMB-1B90D8/2020|2020-00-00|EPI_ISL_705516|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUH-B7D67A/2020|2020-11-14|EPI_ISL_674804|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4999C1/2020|2020-12-04|EPI_ISL_727385|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9A476A/2020|2020-09-01|EPI_ISL_568370|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-282/2020|2020-04-21|EPI_ISL_527859|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal Vereador Jose Storopolli|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Wales/PHWC-16F763/2020|2020-10-03|EPI_ISL_586015|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/TK-YE613035/2020|2020-04-00|EPI_ISL_486895|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/Wales/QEUH-A0B29C/2020|2020-10-01|EPI_ISL_599367|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29E72E/2020|2020-05-02|EPI_ISL_493526|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1271/2020|2020-04-12|EPI_ISL_542621|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-0515/2020|2020-06-21|EPI_ISL_560958|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LOND-125042E/2020|2020-10-19|EPI_ISL_665210|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Netherlands/GR-RIVM-20596/2020|2020-12-10|EPI_ISL_790679|Original|hCoV-19^^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Netherlands/ZH-EMC-407/2020|2020-08-10|EPI_ISL_523747|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CZB-2394/2020|2020-05-19|EPI_ISL_513823|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/NORT-2A0413/2020|2020-04-25|EPI_ISL_499807|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LOND-DA078/2020|2020-11-07|EPI_ISL_665715|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-999DFD/2020|2020-08-29|EPI_ISL_550384|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E523F/2020|2020-09-23|EPI_ISL_601086|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/JI-NIHRD-PME2054/2020|2020-00-00|EPI_ISL_538499|Original|hCoV-19^^East Java|Human|RS Lavallete Malang East Java|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/USA/PA-CDC-2-3693774/2020|2020-11-09|EPI_ISL_747051|Original|hCoV-19^^Pennsylvania|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Japan/PG-1410/2020|2020-04-00|EPI_ISL_685017|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1AE9DB/2020|2020-04-28|EPI_ISL_459495|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22227/2020|2020-12-14|EPI_ISL_758626|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BIRM-636CD/2020|2020-08-13|EPI_ISL_529331|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-AD66BC/2020|2020-10-26|EPI_ISL_634040|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABB6AE/2020|2020-10-21|EPI_ISL_623310|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149004004/2020|2020-04-02|EPI_ISL_466098|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR5976/2020|2020-11-19|EPI_ISL_702659|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Romania/Bucuresti-12292/2020|2020-04-11|EPI_ISL_468147|Original|hCoV-19^^Bucuresti|Human|[Romania|[Romania|Paraschiv|Romania

>Spike|hCoV-19/Denmark/DCGC-16234/2020|2020-11-16|EPI_ISL_714655|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8551/2020|2020-08-00|EPI_ISL_686147|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/ALDP-A95F63/2020|2020-10-19|EPI_ISL_624754|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/842/2020|2020-07-19|EPI_ISL_518006|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/CAMC-B776AD/2020|2020-11-12|EPI_ISL_668222|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MN-NVRL-MPB47480/2020|2020-04-10|EPI_ISL_767821|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/India/TN-NCDC-02318/2020|2020-03-29|EPI_ISL_435079|Original|hCoV-19^^Tamil Nadu|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Australia/VIC789/2020|2020-03-31|EPI_ISL_427064|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49339C/2020|2020-11-28|EPI_ISL_725876|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A47F06/2020|2020-10-05|EPI_ISL_598478|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7769/2020|2020-06-26|EPI_ISL_545626|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K002441/2020|2020-07-30|EPI_ISL_515797|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Scotland/QEUA-A33671/2020|2020-10-07|EPI_ISL_628399|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20119019304/2020|2020-03-14|EPI_ISL_465033|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036555954/2020|2020-10-21|EPI_ISL_640181|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Jordan/SEARCH-5477/2020|2020-09-11|EPI_ISL_755257|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Peru/ANC-UPCH-0106/2020|2020-06-16|EPI_ISL_540984|Original|hCoV-19^^Ancash|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/USA/WI-WSLH-200068/2020|2020-03-29|EPI_ISL_471233|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Wales/PHWC-24C7B/2020|2020-03-21|EPI_ISL_420934|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B52918/2020|2020-11-08|EPI_ISL_657434|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11089/2020|2020-06-18|EPI_ISL_501092|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/India/GJ-GBRC68/2020|2020-05-03|EPI_ISL_447045|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/LIVE-99743/2020|2020-04-09|EPI_ISL_439754|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F38D/2020|2020-10-06|EPI_ISL_585954|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482DED/2020|2020-10-20|EPI_ISL_627742|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0273/2020|2020-11-00|EPI_ISL_667702|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-4481/2020|2020-07-00|EPI_ISL_692704|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KDCA0178/2020|2020-11-14|EPI_ISL_747412|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-6E9052/2020|2020-06-30|EPI_ISL_557566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95A815/2020|2020-06-12|EPI_ISL_553392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0343/2020|2020-03-17|EPI_ISL_454059|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-9C205C/2020|2020-09-10|EPI_ISL_566651|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84B62/2020|2020-11-14|EPI_ISL_675810|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW350/2020|2020-03-24|EPI_ISL_451611|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/VIC5634/2020|2020-07-16|EPI_ISL_518445|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-001032/2020|2020-09-29|EPI_ISL_633047|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-15137/2020|2020-11-23|EPI_ISL_713652|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BACDB9/2020|2020-11-17|EPI_ISL_681516|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2614/2020|2020-06-04|EPI_ISL_545428|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/HH-hpi-p1678/2020|2020-03-18|EPI_ISL_776093|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-8770/2020|2020-10-26|EPI_ISL_626048|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B32301/2020|2020-11-05|EPI_ISL_659100|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11BEDA/2020|2020-11-14|EPI_ISL_652392|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LIVE-1D15DB/2020|2020-05-13|EPI_ISL_572502|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH152/2020|2020-09-27|EPI_ISL_755059|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/ALDP-A871C8/2020|2020-10-17|EPI_ISL_605968|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124D2EE/2020|2020-04-03|EPI_ISL_507081|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Australia/NSW1052/2020|2020-07-12|EPI_ISL_593704|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/India/OR-ILSCV13678/2020|2020-05-09|EPI_ISL_463020|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/MILK-B95D86/2020|2020-11-13|EPI_ISL_676219|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2111/2020|2020-10-15|EPI_ISL_677145|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/MILK-99D8F8/2020|2020-08-30|EPI_ISL_550574|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2AF4F/2020|2020-04-07|EPI_ISL_431997|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10972/2020|2020-09-16|EPI_ISL_582946|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-673BD4/2020|2020-07-03|EPI_ISL_558053|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE30FA/2020|2020-10-27|EPI_ISL_633411|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-C01470/2020|2020-12-05|EPI_ISL_757255|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2056/2020|2020-02-20|EPI_ISL_481376|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-B2E06B/2020|2020-11-02|EPI_ISL_646192|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0747/2020|2020-05-15|EPI_ISL_698896|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-94E911/2020|2020-06-20|EPI_ISL_554937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15787/2020|2020-11-23|EPI_ISL_714018|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/reg-0617848/2020|2020-06-17|EPI_ISL_734767|Original|hCoV-19^^Harelbeke|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/EDB4713/2020|2020-04-27|EPI_ISL_449329|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9074543/2020|2020-03-22|EPI_ISL_744843|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-2374/2020|2020-05-28|EPI_ISL_545270|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0450/2020|2020-05-18|EPI_ISL_708830|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/WA-UW198/2020|2020-03-12|EPI_ISL_417347|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/OH-CDC-2-3714352/2020|2020-11-16|EPI_ISL_751610|Original|hCoV-19^^Ohio|Human|OH Department of Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/QEUEH-C33F56/2020|2020-12-11|EPI_ISL_733929|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C39BA7/2020|2020-12-08|EPI_ISL_767163|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD5D03/2020|2020-10-26|EPI_ISL_633843|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0439/2020|2020-03-30|EPI_ISL_467966|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A84FD0/2020|2020-10-18|EPI_ISL_610466|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7433/2020|2020-07-00|EPI_ISL_688535|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Austria/CeMM0691/2020|2020-03-31|EPI_ISL_583648|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Wales/PHWC-4810B8/2020|2020-10-16|EPI_ISL_613033|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-111219/2020|2020-11-23|EPI_ISL_728545|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-A0549C/2020|2020-09-30|EPI_ISL_599978|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUE-96E2E3/2020|2020-08-20|EPI_ISL_530413|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204481882/2020|2020-10-28|EPI_ISL_653999|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-1122D7/2020|2020-05-02|EPI_ISL_484366|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Singapore/66/2020|2020-04-08|EPI_ISL_428845|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Northern Ireland/QEUE-964001/2020|2020-08-12|EPI_ISL_536901|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200180/2020|2020-07-29|EPI_ISL_752740|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMC-B085C2/2020|2020-10-29|EPI_ISL_643857|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2850/2020|2020-07-03|EPI_ISL_521681|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0209/2020|2020-03-30|EPI_ISL_453923|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-957186/2020|2020-06-13|EPI_ISL_554302|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C24BA/2020|2020-09-08|EPI_ISL_566460|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B34721/2020|2020-11-05|EPI_ISL_659487|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1908/2020|2020-11-24|EPI_ISL_729323|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Netherlands/NA_15/2020|2020-03-11|EPI_ISL_415471|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Luxembourg/LNS8598511/2020|2020-11-04|EPI_ISL_744773|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/South Korea/KDCA0087/2020|2020-09-01|EPI_ISL_747326|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Japan/PG-1754/2020|2020-04-00|EPI_ISL_685360|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9377/2020|2020-08-21|EPI_ISL_565530|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Korea/KCDC2545/2020|2020-06-21|EPI_ISL_514948|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Japan/PG-3160/2020|2020-06-00|EPI_ISL_691280|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B480C5/2020|2020-11-07|EPI_ISL_649393|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0301/2020|2020-03-29|EPI_ISL_479977|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-72A65/2020|2020-03-24|EPI_ISL_439937|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B8CEC/2020|2020-09-08|EPI_ISL_549779|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4277/2020|2020-09-07|EPI_ISL_615714|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-137218/2020|2020-04-17|EPI_ISL_471955|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18105/2020|2020-11-12|EPI_ISL_784453|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC17651/2020|2020-08-05|EPI_ISL_663970|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-490EBC/2020|2020-11-18|EPI_ISL_706582|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B417D6/2020|2020-11-08|EPI_ISL_658486|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A4BB86/2020|2020-10-05|EPI_ISL_741763|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl354/2020|2020-03-27|EPI_ISL_775816|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-9959A2/2020|2020-08-23|EPI_ISL_551617|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1B23/2020|2020-04-02|EPI_ISL_493651|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-89/2020|2020-03-24|EPI_ISL_751397|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Israel/990059232/2020|2020-03-25|EPI_ISL_447274|Original|hCoV-19^^South Coast District|Human|Microbiology laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/NORT-2960D0/2020|2020-05-18|EPI_ISL_488037|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B433EF/2020|2020-11-08|EPI_ISL_657300|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1154/2020|2020-03-05|EPI_ISL_648072|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Denmark/DCGC-10204/2020|2020-11-09|EPI_ISL_669451|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1054/2020|2020-04-00|EPI_ISL_684664|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUEH-9D1078/2020|2020-09-16|EPI_ISL_577375|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/GA-QDX-577/2020|2020-03-18|EPI_ISL_571288|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-21093/2020|2020-12-21|EPI_ISL_759550|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Taiwan/CGMH-CGU-07/2020|2020-03-09|EPI_ISL_417520|Original|hCoV-19^^Taoyuan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan

>Spike|hCoV-19/England/NORW-E94F2/2020|2020-04-23|EPI_ISL_448317|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0127/2020|2020-06-03|EPI_ISL_495149|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/Australia/VIC98/2020|2020-03-16|EPI_ISL_419810|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-96EF28/2020|2020-08-18|EPI_ISL_534480|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C4DEA/2020|2020-09-10|EPI_ISL_567781|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C6CA35/2020|2020-12-13|EPI_ISL_778476|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09396/2020|2020-03-19|EPI_ISL_450077|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Denmark/DCGC-16536/2020|2020-11-16|EPI_ISL_714823|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-06001/2020|2020-06-12|EPI_ISL_471151|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Spain/MD-IBV-99012318/2020|2020-11-19|EPI_ISL_779976|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-C8A62E/2020|2020-12-17|EPI_ISL_756560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5311/2020|2020-10-31|EPI_ISL_730547|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Belgium/reg-0409566/2020|2020-04-09|EPI_ISL_734556|Original|hCoV-19^^Lubbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-47DA75/2020|2020-10-10|EPI_ISL_586231|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0287/2020|2020-10-05|EPI_ISL_755430|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Italy/VEN-UniVR-121/2020|2020-03-30|EPI_ISL_751421|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/USA/TX-DSHS-0849/2020|2020-06-09|EPI_ISL_593588|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-4A4FEF/2020|2020-12-11|EPI_ISL_764808|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B751CC/2020|2020-11-12|EPI_ISL_662175|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10731/2020|2020-11-02|EPI_ISL_670168|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-AAF76E/2020|2020-10-23|EPI_ISL_631274|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C61432/2020|2020-12-13|EPI_ISL_769230|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003684/2020|2020-04-02|EPI_ISL_467200|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Russia/StPetersburg-RII6065S/2020|2020-04-15|EPI_ISL_430110|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-14932/2020|2020-11-23|EPI_ISL_713530|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/TAS07/2020|2020-04-13|EPI_ISL_522562|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-5CC487/2020|2020-06-19|EPI_ISL_558487|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B344DF/2020|2020-11-05|EPI_ISL_659634|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10408/2020|2020-11-02|EPI_ISL_669950|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wuhan/HB-WH2-164/2020|2020-02-10|EPI_ISL_454931|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/ALDP-97E471/2020|2020-07-24|EPI_ISL_529410|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00811/2020|2020-05-26|EPI_ISL_692889|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/NC-CDC-0034/2020|2020-03-08|EPI_ISL_452126|Original|hCoV-19^^North Carolina|Human|NC State Laboratory of Public Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-3828/2020|2020-08-31|EPI_ISL_622696|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K000650/2020|2020-07-13|EPI_ISL_509294|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-9E2FD1/2020|2020-09-21|EPI_ISL_581236|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12FD12/2020|2020-04-09|EPI_ISL_492518|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0302/2020|2020-06-13|EPI_ISL_534270|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/201580028/2020|2020-04-08|EPI_ISL_466347|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB4965/2020|2020-05-14|EPI_ISL_473811|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Senegal/9819/2020|2020-04-25|EPI_ISL_498233|Original|hCoV-19^^Dakar|Human|Institut Pasteur de Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/USA/MA-MASPHL-00577/2020|2020-05-08|EPI_ISL_693024|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/CAMC-B51A70/2020|2020-11-08|EPI_ISL_658276|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2D45C/2020|2020-04-04|EPI_ISL_445987|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1880/2020|2020-05-20|EPI_ISL_512217|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-75F40F/2020|2020-07-14|EPI_ISL_532987|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22E12/2020|2020-11-02|EPI_ISL_647401|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C930D9/2020|2020-12-17|EPI_ISL_762159|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0404/2020|2020-12-00|EPI_ISL_736913|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9DDCD2/2020|2020-09-21|EPI_ISL_599500|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2579/2020|2020-06-06|EPI_ISL_545402|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC4252/2020|2020-07-14|EPI_ISL_519580|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A57880/2020|2020-10-07|EPI_ISL_597462|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA8C9/2020|2020-11-18|EPI_ISL_681581|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC720/2020|2020-03-20|EPI_ISL_451435|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/NOTT-118990/2020|2020-10-28|EPI_ISL_627686|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15529/2020|2020-10-23|EPI_ISL_787013|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18764/2020|2020-12-07|EPI_ISL_748250|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18098/2020|2020-11-17|EPI_ISL_784446|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/IL-NM074/2020|2020-03-16|EPI_ISL_444569|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/WA-UW-1774/2020|2020-03-22|EPI_ISL_424256|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-B7884C/2020|2020-11-11|EPI_ISL_661834|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4884/2020|2020-06-22|EPI_ISL_544403|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-2163/2020|2020-05-22|EPI_ISL_513713|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MI-UM-10035986675/2020|2020-09-16|EPI_ISL_583367|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20921/2020|2020-12-23|EPI_ISL_790949|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-7927/2020|2020-10-26|EPI_ISL_618881|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MO-QDX-2582/2020|2020-03-15|EPI_ISL_604943|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-A876F/2020|2020-03-26|EPI_ISL_517207|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2BF34/2020|2020-11-04|EPI_ISL_680038|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18587/2020|2020-12-07|EPI_ISL_750063|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-499AFB/2020|2020-05-26|EPI_ISL_559398|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-962980/2020|2020-08-08|EPI_ISL_531636|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-97009511/2020|2020-07-24|EPI_ISL_671799|Original|hCoV-19^^Aragon|Human|Hospital Cl\u00e9nico Universitario Lozano Blesa de Zaragoza (Espa\u00f1a)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8787/2020|2020-08-00|EPI_ISL_686376|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-BAAB1B/2020|2020-11-18|EPI_ISL_783151|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9947/2020|2020-07-22|EPI_ISL_565796|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-1250057/2020|2020-04-07|EPI_ISL_664525|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12127/2020|2020-09-20|EPI_ISL_790210|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-AE2398/2020|2020-10-27|EPI_ISL_633635|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-9719/2020|2020-03-22|EPI_ISL_418658|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/HI-H200054/2020|2020-04-23|EPI_ISL_752639|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/204600295/2020|2020-11-06|EPI_ISL_700664|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1786/2020|2020-03-19|EPI_ISL_776157|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/CA-CZB-13686/2020|2020-11-05|EPI_ISL_738922|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/New Zealand/20VR2920/2020|2020-00-00|EPI_ISL_579351|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Belgium/reg-0411442/2020|2020-04-11|EPI_ISL_476952|Original|hCoV-19^^Tubize|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-9D9535/2020|2020-09-18|EPI_ISL_576737|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-A3E5E2/2020|2020-10-05|EPI_ISL_609790|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A475E6/2020|2020-10-06|EPI_ISL_598452|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C342/2020|2020-12-10|EPI_ISL_731056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1825/2020|2020-05-29|EPI_ISL_521875|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-13008/2020|2020-12-07|EPI_ISL_712524|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-AAF810/2020|2020-10-21|EPI_ISL_631181|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134022104/2020|2020-03-25|EPI_ISL_423119|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/France/ARA-118288/2020|2020-12-10|EPI_ISL_745331|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/WA-UW-22407/2020|2020-08-08|EPI_ISL_570677|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-CCF8B/2020|2020-04-29|EPI_ISL_475450|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20866/2020|2020-12-21|EPI_ISL_759416|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VI-CDC-1999/2020|2020-03-21|EPI_ISL_436045|Original|hCoV-19^^Virgin Islands|Human|US VI Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-487805/2020|2020-10-29|EPI_ISL_639243|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-975C63/2020|2020-08-21|EPI_ISL_552601|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S873/2020|2020-04-00|EPI_ISL_591174|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-94D37E/2020|2020-06-15|EPI_ISL_556315|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM1077/2020|2020-06-30|EPI_ISL_583883|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Japan/PG-0617/2020|2020-04-00|EPI_ISL_684227|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MASPHL-00355/2020|2020-05-13|EPI_ISL_693177|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Spain/PV-IBV-003199/2020|2020-03-11|EPI_ISL_481020|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-S758/2020|2020-04-13|EPI_ISL_449928|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Finland/11CF3/2020|2020-10-31|EPI_ISL_732571|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-9C635F/2020|2020-09-10|EPI_ISL_567708|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96E30E/2020|2020-08-18|EPI_ISL_530418|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A48F6F/2020|2020-10-08|EPI_ISL_595940|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AB249/2020|2020-08-14|EPI_ISL_539766|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-18439/2020|2020-11-18|EPI_ISL_784787|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-AAEEF1/2020|2020-10-22|EPI_ISL_624112|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5846/2020|2020-07-19|EPI_ISL_518640|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-863DDF/2020|2020-07-17|EPI_ISL_557483|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F83A/2020|2020-10-15|EPI_ISL_607238|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A686BF/2020|2020-10-12|EPI_ISL_630617|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9319/2020|2020-08-24|EPI_ISL_565504|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Brazil/SP-793/2020|2020-07-01|EPI_ISL_735430|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Santos|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/LA-BIE-001/2020|2020-04-06|EPI_ISL_468701|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/India/GJ-GBRC349/2020|2020-06-18|EPI_ISL_514593|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUH-A202DD/2020|2020-10-01|EPI_ISL_587652|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2244/2020|2020-05-10|EPI_ISL_510582|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Spain/AN-IBV-001329/2020|2020-03-23|EPI_ISL_452544|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00e9do/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORW-EB223/2020|2020-05-03|EPI_ISL_461890|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Brazil/PE-IAM711/2020|2020-04-26|EPI_ISL_572351|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/England/CAMB-1B775D/2020|2020-10-24|EPI_ISL_638330|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16762/2020|2020-12-14|EPI_ISL_750547|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1545/2020|2020-03-15|EPI_ISL_775822|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/VIC2046/2020|2020-06-12|EPI_ISL_521907|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BL-42236095/2020|2020-04-17|EPI_ISL_581712|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/EDB5672/2020|2020-04-12|EPI_ISL_473830|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMB-7229A/2020|2020-03-27|EPI_ISL_439551|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-BAFCD7/2020|2020-11-17|EPI_ISL_720631|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A983E/2020|2020-06-26|EPI_ISL_534754|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-C47D46/2020|2020-12-12|EPI_ISL_718977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-69826-CSIR-IGIB/2020|2020-08-14|EPI_ISL_636757|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/USA/MD-MDH-0046/2020|2020-04-08|EPI_ISL_509450|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/England/ALDP-9BE114/2020|2020-09-09|EPI_ISL_568033|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A775/2020|2020-12-09|EPI_ISL_731279|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1719/2020|2020-07-26|EPI_ISL_626546|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Wales/PHWC-1682A5/2020|2020-05-29|EPI_ISL_494221|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-21076/2020|2020-12-14|EPI_ISL_791083|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/CVR4702/2020|2020-09-27|EPI_ISL_611883|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Singapore/1187/2020|2020-04-13|EPI_ISL_648115|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Russia/MOS-RII-MH9264S/2020|2020-10-14|EPI_ISL_733423|Original|hCoV-19^^Moscow Region|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/France/ARA-12282/2020|2020-03-22|EPI_ISL_508950|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier de Macon|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Spain/ML-ISCIII-2013688/2020|2020-08-01|EPI_ISL_539568|Original|hCoV-19^^Melilla|Human|Hospital Comarcal de Melilla|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Denmark/DCGC-21157/2020|2020-12-21|EPI_ISL_758864|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/0548/2020|2020-04-30|EPI_ISL_471165|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/WI-WSLH-200144/2020|2020-03-11|EPI_ISL_578371|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Austria/CeMM0045/2020|2020-02-24|EPI_ISL_437932|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/India/MH-NIV-9154/2020|2020-04-13|EPI_ISL_454557|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Northern Ireland/NIRE-106B44/2020|2020-05-19|EPI_ISL_501024|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94D1A1/2020|2020-06-14|EPI_ISL_556334|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8CC93/2020|2020-12-15|EPI_ISL_777297|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-26151/2020|2020-10-16|EPI_ISL_660947|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-90CEB6/2020|2020-06-22|EPI_ISL_551490|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-251D5/2020|2020-03-23|EPI_ISL_420982|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-C309C4/2020|2020-12-07|EPI_ISL_782794|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6936/2020|2020-07-23|EPI_ISL_564153|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20149022404/2020|2020-04-03|EPI_ISL_466168|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Portugal/PT0911/2020|2020-03-28|EPI_ISL_511168|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-9D7221/2020|2020-09-18|EPI_ISL_584354|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-UW-952/2020|2020-05-19|EPI_ISL_509951|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-BC879B/2020|2020-11-23|EPI_ISL_721186|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0046/2020|2020-02-00|EPI_ISL_479810|Original|hCoV-19^^Kanto|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204961133/2020|2020-12-03|EPI_ISL_707704|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D7D7/2020|2020-11-09|EPI_ISL_703715|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D547/2020|2020-10-07|EPI_ISL_586158|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC14685/2020|2020-07-28|EPI_ISL_592952|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Indonesia/JB-WJHL-ITB-R120975/2020|2020-10-15|EPI_ISL_747241|Original|hCoV-19^^West Java|Human|Subang Public Health Office|West Java Health Laboratory; School of Life Sciences and Technology|Fibriani|Indonesia

>Spike|hCoV-19/United Arab Emirates/1088/2020|2020-05-16|EPI_ISL_698162|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/South Africa/KRISP-0312/2020|2020-06-24|EPI_ISL_487295|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Switzerland/GR-ETHZ-300249/2020|2020-09-30|EPI_ISL_603281|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LOND-12649FB/2020|2020-11-20|EPI_ISL_705216|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-A702DE/2020|2020-10-15|EPI_ISL_607795|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-8-14/2020|2020-06-01|EPI_ISL_523114|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-12277/2020|2020-11-16|EPI_ISL_682458|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BE-ETHZ-340098/2020|2020-10-26|EPI_ISL_721698|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-9ACC45/2020|2020-09-05|EPI_ISL_560004|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9C46C1/2020|2020-09-09|EPI_ISL_566813|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9DE521/2020|2020-09-21|EPI_ISL_599534|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUH-A9F9A7/2020|2020-10-19|EPI_ISL_652689|Original|hCoV-19^^Wales|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4091/2020|2020-09-14|EPI_ISL_622047|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7B006/2020|2020-10-14|EPI_ISL_607475|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1447/2020|2020-03-26|EPI_ISL_514666|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Portugal/PT0186/2020|2020-03-29|EPI_ISL_453902|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Finland/25SS6C12/2020|2020-09-25|EPI_ISL_759923|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Japan/PG-4856/2020|2020-07-00|EPI_ISL_689978|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B078F7/2020|2020-10-30|EPI_ISL_643876|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2E9047/2020|2020-00-00|EPI_ISL_763789|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NM-LANL-2020016419/2020|2020-04-07|EPI_ISL_602280|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Los Alamos National Laboratory Bioscience Division|Lo|USA

>Spike|hCoV-19/England/ALDP-CB6304/2020|2020-12-18|EPI_ISL_761665|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20658/2020|2020-12-15|EPI_ISL_790592|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-A854D0/2020|2020-10-18|EPI_ISL_610478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29E70/2020|2020-04-05|EPI_ISL_431934|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Norway/3898/2020|2020-09-30|EPI_ISL_775465|Original|hCoV-19^^Trondelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/MILK-AB843E/2020|2020-10-21|EPI_ISL_623543|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A786D/2020|2020-03-27|EPI_ISL_517080|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22397/2020|2020-11-09|EPI_ISL_708377|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/CAMC-B99ECB/2020|2020-11-15|EPI_ISL_673641|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A67E8B/2020|2020-10-10|EPI_ISL_609141|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG445255/2020|2020-06-25|EPI_ISL_695003|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-73CC8/2020|2020-04-01|EPI_ISL_433684|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA975/2020|2020-04-18|EPI_ISL_470171|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2F09/2020|2020-10-22|EPI_ISL_624054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4191/2020|2020-06-19|EPI_ISL_543425|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A422C6/2020|2020-10-05|EPI_ISL_609444|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3891/2020|2020-07-00|EPI_ISL_692142|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2009614/2020|2020-07-18|EPI_ISL_605292|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15694/2020|2020-07-09|EPI_ISL_785378|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BC7723/2020|2020-11-21|EPI_ISL_721496|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A63FD7/2020|2020-10-12|EPI_ISL_628682|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-9C932F/2020|2020-09-11|EPI_ISL_602033|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62C76/2020|2020-11-08|EPI_ISL_655626|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42200093/2020|2020-03-20|EPI_ISL_528268|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/MILK-B55520/2020|2020-11-05|EPI_ISL_657777|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC386/2020|2020-03-17|EPI_ISL_660358|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-7B2A0/2020|2020-04-10|EPI_ISL_433936|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-998550/2020|2020-08-24|EPI_ISL_539992|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0618/2020|2020-06-13|EPI_ISL_525850|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-2781A/2020|2020-04-01|EPI_ISL_432380|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3698E/2020|2020-04-24|EPI_ISL_474738|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC_AV5/2020|2020-04-02|EPI_ISL_515231|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/WI-UW-1155/2020|2020-08-11|EPI_ISL_522911|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-48ACCA/2020|2020-11-05|EPI_ISL_666145|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21050/2020|2020-04-01|EPI_ISL_507826|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Thailand/Bangkok-CONI-0108/2020|2020-03-11|EPI_ISL_455911|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/WI-UW-280/2020|2020-04-03|EPI_ISL_436574|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-15C6D5/2020|2020-03-26|EPI_ISL_472525|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-110489/2020|2020-04-07|EPI_ISL_451900|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-47D92D/2020|2020-10-07|EPI_ISL_586210|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-85025E/2020|2020-07-15|EPI_ISL_557547|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA-EHC-417C/2020|2020-11-30|EPI_ISL_754772|Original|hCoV-19^^Georgia|Human|Emory Molecular Diagnostics Laboratory|Piantadosi Lab|Piantadosi|USA

>Spike|hCoV-19/Wales/PHWC-16C748/2020|2020-06-14|EPI_ISL_574088|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002490/2020|2020-08-07|EPI_ISL_535394|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/ID-UW-6348/2020|2020-04-01|EPI_ISL_570099|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Sweden/20-08717/2020|2020-04-02|EPI_ISL_430859|Original|hCoV-19^^Norrbotten|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Jordan/AM-ALSR-5323/2020|2020-11-07|EPI_ISL_730559|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/NORW-E80D1/2020|2020-00-00|EPI_ISL_449106|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F952974/2020|2020-04-05|EPI_ISL_593979|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Wales/PHWC-482F8D/2020|2020-10-22|EPI_ISL_627763|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-307/2020|2020-07-15|EPI_ISL_699958|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-11755/2020|2020-10-26|EPI_ISL_670473|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-135A30/2020|2020-03-26|EPI_ISL_457128|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B839F0/2020|2020-11-14|EPI_ISL_674462|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11C38F/2020|2020-11-16|EPI_ISL_652405|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1843/2020|2020-09-10|EPI_ISL_605715|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21462/2020|2020-03-21|EPI_ISL_507716|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-17996/2020|2020-12-14|EPI_ISL_749309|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E814E/2020|2020-09-24|EPI_ISL_637572|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Sweden/20-51886/2020|2020-05-29|EPI_ISL_582834|Original|hCoV-19^^Gavleborg|Human|Gavle klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Sichuan/SC-NC-076/2020|2020-01-29|EPI_ISL_451335|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/New Zealand/20VR3486/2020|2020-04-15|EPI_ISL_579502|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-A92DD5/2020|2020-10-20|EPI_ISL_610946|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2576/2020|2020-06-18|EPI_ISL_497208|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MI-UM-10035703434/2020|2020-08-28|EPI_ISL_583282|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMB-772A4/2020|2020-03-31|EPI_ISL_439428|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/BRIS-123C99/2020|2020-04-07|EPI_ISL_492812|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7037/2020|2020-08-00|EPI_ISL_688142|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-114BF8/2020|2020-10-10|EPI_ISL_595233|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-5030/2020|2020-11-12|EPI_ISL_730301|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/EXET-13ADC9/2020|2020-11-10|EPI_ISL_665097|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DD8DE/2020|2020-09-21|EPI_ISL_599705|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1337/2020|2020-05-04|EPI_ISL_494500|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21849/2020|2020-04-27|EPI_ISL_565892|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-AD3585/2020|2020-10-26|EPI_ISL_633931|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A2D54/2020|2020-05-19|EPI_ISL_499960|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8036/2020|2020-10-26|EPI_ISL_617150|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-A008D1/2020|2020-09-30|EPI_ISL_600200|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-46317/2020|2020-12-13|EPI_ISL_745067|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-ACEEFB/2020|2020-10-22|EPI_ISL_629601|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-11288/2020|2020-05-04|EPI_ISL_475203|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/ALDP-BB27FE/2020|2020-11-20|EPI_ISL_702783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/EGY-027/2020|2020-08-14|EPI_ISL_526982|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/Japan/PG-1184/2020|2020-04-00|EPI_ISL_684794|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-14847/2020|2020-11-20|EPI_ISL_738929|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-S2022/2020|2020-06-05|EPI_ISL_497450|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-QDX-219/2020|2020-04-10|EPI_ISL_500459|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC3577/2020|2020-07-08|EPI_ISL_520326|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Iceland/334/2020|2020-03-14|EPI_ISL_417663|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/SHEF-C7B6E/2020|2020-05-02|EPI_ISL_457623|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-404a/2020|2020-06-25|EPI_ISL_586524|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/IL-NM067/2020|2020-03-18|EPI_ISL_444562|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16027/2020|2020-10-29|EPI_ISL_785711|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-12612F3/2020|2020-04-02|EPI_ISL_524632|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7811/2020|2020-08-02|EPI_ISL_564672|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Malaysia/3097/2020|2020-05-04|EPI_ISL_501200|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/USA/CA-CZB-1109/2020|2020-04-30|EPI_ISL_444067|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/CAMB-7F0DF/2020|2020-04-08|EPI_ISL_442870|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B5249F/2020|2020-11-08|EPI_ISL_656915|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-284/2020|2020-00-00|EPI_ISL_574783|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC6853/2020|2020-07-25|EPI_ISL_564097|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-QDX-2346/2020|2020-03-16|EPI_ISL_604647|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-26D1C/2020|2020-03-30|EPI_ISL_422040|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/Donner34/2020|2020-05-07|EPI_ISL_469292|Original|hCoV-19^^Kanto|Human|Keio University Hospital|Keio University Hospital|Kosaki|Japan

>Spike|hCoV-19/South Korea/KDCA0238/2020|2020-08-28|EPI_ISL_760003|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/France/GES-8509/2020|2020-03-31|EPI_ISL_560583|Original|hCoV-19^^Grand-Est|Human|Hopital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/WI-UW-821/2020|2020-05-29|EPI_ISL_509828|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-49B877/2020|2020-12-05|EPI_ISL_742395|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-601/2020|2020-09-08|EPI_ISL_700239|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUEH-CC7625/2020|2020-12-22|EPI_ISL_760506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-67-2/2020|2020-10-21|EPI_ISL_722417|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-94CBE0/2020|2020-06-15|EPI_ISL_555917|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B3B2/2020|2020-11-13|EPI_ISL_742328|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-970BC5/2020|2020-08-18|EPI_ISL_553100|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B4BE3/2020|2020-09-02|EPI_ISL_590370|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18828/2020|2020-11-25|EPI_ISL_785149|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A59C2/2020|2020-12-15|EPI_ISL_764945|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7AC5E/2020|2020-10-16|EPI_ISL_606819|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2763/2020|2020-04-00|EPI_ISL_690895|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20240010904/2020|2020-06-05|EPI_ISL_471519|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009668/2020|2020-07-26|EPI_ISL_605343|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/NA_475/2020|2020-04-14|EPI_ISL_455277|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-CC96C9/2020|2020-12-23|EPI_ISL_782008|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A66D9E/2020|2020-10-12|EPI_ISL_630680|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A468/2020|2020-10-31|EPI_ISL_652556|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/DP0191/2020|2020-02-15|EPI_ISL_416582|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/IL-NM-0399/2020|2020-04-14|EPI_ISL_626389|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/NY-NYUMC40/2020|2020-03-18|EPI_ISL_419701|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Peru/AMZ-UPCH-0277/2020|2020-09-16|EPI_ISL_729871|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Spain/AN-IBV-001951/2020|2020-03-13|EPI_ISL_452428|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-13109/2020|2020-11-30|EPI_ISL_712587|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10554/2020|2020-10-23|EPI_ISL_626272|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Netherlands/UT-EMC-170/2020|2020-11-04|EPI_ISL_722309|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Kenya/C1099/2020|2020-04-19|EPI_ISL_568707|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/VA-DCLS-1605/2020|2020-08-19|EPI_ISL_614015|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/NORT-288ED7/2020|2020-03-25|EPI_ISL_453494|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E7A3/2020|2020-10-05|EPI_ISL_586782|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9E39B4/2020|2020-09-24|EPI_ISL_585532|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10669/2020|2020-07-06|EPI_ISL_789584|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-AB751E/2020|2020-10-21|EPI_ISL_623767|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42400666/2020|2020-08-18|EPI_ISL_581971|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUH-B321AD/2020|2020-11-04|EPI_ISL_646315|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-280126/2020|2020-09-07|EPI_ISL_560478|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-CA4D56/2020|2020-12-16|EPI_ISL_762511|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-350267/2020|2020-10-30|EPI_ISL_728870|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/OXON-B41EA/2020|2020-05-20|EPI_ISL_534937|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-942555/2020|2020-07-21|EPI_ISL_556901|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6168/2020|2020-07-23|EPI_ISL_518174|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-16768/2020|2020-12-14|EPI_ISL_750193|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2122/2020|2020-09-22|EPI_ISL_677527|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Korea/KDCA0434/2020|2020-10-26|EPI_ISL_760218|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/mink/Netherlands/NB-EMC-53-16/2020|2020-09-16|EPI_ISL_577827|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/GCVR-1720DB/2020|2020-03-30|EPI_ISL_469963|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9BAC44/2020|2020-09-07|EPI_ISL_573836|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB6103/2020|2020-05-12|EPI_ISL_478224|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUH-969497/2020|2020-08-12|EPI_ISL_531070|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3C589/2020|2020-11-01|EPI_ISL_679817|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B6348C/2020|2020-11-09|EPI_ISL_656401|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/335/2020|2020-04-14|EPI_ISL_469089|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-6432/2020|2020-10-12|EPI_ISL_620332|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA3D3B/2020|2020-10-21|EPI_ISL_624323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/27/2020|2020-03-05|EPI_ISL_420104|Vero P1|hCoV-19^^Singapore|Human|National Centre for Infectious Diseases|Programme in Emerging Infectious Diseases|Smith|Singapore

>Spike|hCoV-19/Japan/PG-4440/2020|2020-07-00|EPI_ISL_692663|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-000138/2020|2020-04-02|EPI_ISL_631629|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Canada/ON-UHTC-0367/2020|2020-10-02|EPI_ISL_671669|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Denmark/DCGC-17022/2020|2020-12-14|EPI_ISL_750320|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-IGI-0338/2020|2020-07-16|EPI_ISL_576527|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Wales/MILK-9D4C26/2020|2020-09-19|EPI_ISL_589800|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A616F/2020|2020-12-16|EPI_ISL_765006|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AD5C60/2020|2020-10-26|EPI_ISL_634684|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS97/2020|2020-04-05|EPI_ISL_522767|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-11F577/2020|2020-11-25|EPI_ISL_725543|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-S1021/2020|2020-04-30|EPI_ISL_463511|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB590/2020|2020-08-25|EPI_ISL_585239|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Japan/PG-3835/2020|2020-07-00|EPI_ISL_692086|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Mexico/BCN-ALSR-2562/2020|2020-07-06|EPI_ISL_635565|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Denmark/DCGC-17459/2020|2020-12-14|EPI_ISL_750997|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Czech Republic/NRL_10178/2020|2020-10-20|EPI_ISL_626624|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/LIVE-A579F/2020|2020-03-20|EPI_ISL_500149|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20476/2020|2020-12-03|EPI_ISL_728691|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-AE317F/2020|2020-10-27|EPI_ISL_633498|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AAD08/2020|2020-09-01|EPI_ISL_550912|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3A749/2020|2020-11-01|EPI_ISL_706031|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR5549/2020|2020-10-26|EPI_ISL_650412|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11622/2020|2020-11-02|EPI_ISL_671031|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-CC07CF/2020|2020-12-20|EPI_ISL_778225|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1110CF/2020|2020-05-03|EPI_ISL_453627|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-29496E/2020|2020-03-27|EPI_ISL_490457|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-483283/2020|2020-04-29|EPI_ISL_559683|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-118E73/2020|2020-10-29|EPI_ISL_627698|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-SR0367/2020|2020-04-05|EPI_ISL_458250|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/AZ-TG283819/2020|2020-05-01|EPI_ISL_694226|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/WA-S40/2020|2020-02-28|EPI_ISL_417093|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/FL-BPHL-0923/2020|2020-07-13|EPI_ISL_517813|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/20166002204/2020|2020-04-16|EPI_ISL_466501|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Hungary/US-30275w/2020|2020-08-27|EPI_ISL_677729|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/TX-DSHS-1818/2020|2020-06-22|EPI_ISL_738185|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Belgium/ULG-11103/2020|2020-12-16|EPI_ISL_737351|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-A64DFA/2020|2020-10-11|EPI_ISL_608636|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200162/2020|2020-07-24|EPI_ISL_752723|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-3324/2020|2020-04-00|EPI_ISL_691439|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-CDC29/2020|2020-04-17|EPI_ISL_457661|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12317/2020|2020-11-16|EPI_ISL_682498|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8519/2020|2020-07-29|EPI_ISL_565069|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG280850/2020|2020-04-21|EPI_ISL_694191|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-15DA41/2020|2020-04-06|EPI_ISL_472756|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10578/2020|2020-07-08|EPI_ISL_789265|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-BBFF44/2020|2020-11-22|EPI_ISL_704860|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3139/2020|2020-06-00|EPI_ISL_691261|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-18225/2020|2020-12-14|EPI_ISL_749218|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12C60B/2020|2020-05-13|EPI_ISL_469488|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/Hu-1/2019|2019-12-31|EPI_ISL_402125|unknown|hCoV-19^^China|Human|National Institute for Communicable Disease Control and Prevention (ICDC) Chinese Center for Disease Control and Prevention (China CDC)|National Institute for Communicable Disease Control and Prevention (ICDC) Chinese Center for Disease Control and Prevention (China CDC)|Data Submitter|China

>Spike|hCoV-19/Spain/CT-HUVH-VH6819/2020|2020-04-05|EPI_ISL_444972|Original|hCoV-19^^Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain

>Spike|hCoV-19/New Zealand/20CV0387/2020|2020-10-04|EPI_ISL_579116|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-A5025C/2020|2020-10-07|EPI_ISL_597776|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA67/2020|2020-06-18|EPI_ISL_508261|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/CAMC-B334D0/2020|2020-11-03|EPI_ISL_659163|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2301/2020|2020-03-12|EPI_ISL_775745|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/MI-UM-10036596238/2020|2020-10-23|EPI_ISL_649978|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUEH-9B761C/2020|2020-09-04|EPI_ISL_590637|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A687CB/2020|2020-10-12|EPI_ISL_608438|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-963B98/2020|2020-08-12|EPI_ISL_531522|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00835/2020|2020-10-08|EPI_ISL_692868|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/MILK-9C271B/2020|2020-09-10|EPI_ISL_566632|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA6FF4/2020|2020-12-18|EPI_ISL_761416|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2DE21/2020|2020-04-14|EPI_ISL_446027|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1413/2020|2020-09-03|EPI_ISL_536783|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-22472/2020|2020-12-14|EPI_ISL_757580|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC309/2020|2020-03-23|EPI_ISL_420000|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A94061/2020|2020-10-19|EPI_ISL_611052|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C9282/2020|2020-12-02|EPI_ISL_741963|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-1118/2020|2020-07-10|EPI_ISL_574572|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/England/BRIS-1272C0/2020|2020-04-23|EPI_ISL_469686|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3732/2020|2020-04-00|EPI_ISL_691985|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS7445177/2020|2020-11-30|EPI_ISL_770909|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-AADC8F/2020|2020-10-22|EPI_ISL_624029|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D3F43/2020|2020-04-23|EPI_ISL_499328|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CCB5/2020|2020-04-17|EPI_ISL_472605|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19431/2020|2020-12-07|EPI_ISL_748940|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/RS-00663/2020|2020-11-26|EPI_ISL_770606|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Wales/PHWC-4889B6/2020|2020-11-01|EPI_ISL_639452|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1BD247/2020|2020-12-05|EPI_ISL_740962|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-AF5004/2020|2020-10-30|EPI_ISL_663128|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-492F8A/2020|2020-11-28|EPI_ISL_725815|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B629D9/2020|2020-11-09|EPI_ISL_656510|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-11538-01/2020|2020-03-07|EPI_ISL_525584|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/ALDP-C48E7F/2020|2020-12-12|EPI_ISL_736640|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0499/2020|2020-06-03|EPI_ISL_495405|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/OXON-B2F1F/2020|2020-05-22|EPI_ISL_534826|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169392/2020|2020-06-28|EPI_ISL_499436|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7ACA9/2020|2020-10-15|EPI_ISL_606741|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Nieuwendijk_1363582/2020|2020-03-01|EPI_ISL_413578|Original|hCoV-19^^Nieuwendijk|Human|ErasmusMC|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9CD18B/2020|2020-09-16|EPI_ISL_566191|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4402/2020|2020-09-07|EPI_ISL_615400|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K003359/2020|2020-09-03|EPI_ISL_602750|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Guangdong/20SF316/2020|2020-01-24|EPI_ISL_428461|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention;Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/Denmark/DCGC-17623/2020|2020-12-14|EPI_ISL_750362|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A9125F/2020|2020-10-16|EPI_ISL_638515|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr98/2020|2020-04-19|EPI_ISL_603109|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/USA/MA-MGH-00694/2020|2020-04-06|EPI_ISL_460403|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Singapore/1005/2020|2020-03-23|EPI_ISL_574489|VeroE6 P1|hCoV-19^^Singapore|Human|Programme in Emerging Infectious Diseases|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-B23DF6/2020|2020-11-04|EPI_ISL_646204|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Uruguay/TYT-M54/2020|2020-06-18|EPI_ISL_749150|Original|hCoV-19^^Treinta y Tres|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/Belgium/Rega-0329242/2020|2020-03-29|EPI_ISL_458212|Original|hCoV-19^^Grand-Leez|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Japan/PG-3005/2020|2020-04-00|EPI_ISL_691129|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC22263/2020|2020-10-22|EPI_ISL_666929|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/NORT-28942F/2020|2020-03-29|EPI_ISL_458717|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8321/2020|2020-08-00|EPI_ISL_687420|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-992A93/2020|2020-08-27|EPI_ISL_552156|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA5E0/2020|2020-11-18|EPI_ISL_681338|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F82C0/2020|2020-09-27|EPI_ISL_588843|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CA98F/2020|2020-11-25|EPI_ISL_706999|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-BB314A/2020|2020-11-19|EPI_ISL_702988|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-29740/2020|2020-09-28|EPI_ISL_603254|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/MILK-973157/2020|2020-08-20|EPI_ISL_575867|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94D235/2020|2020-06-14|EPI_ISL_556442|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7FEE9/2020|2020-11-14|EPI_ISL_661868|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A70317/2020|2020-10-15|EPI_ISL_607740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12097/2020|2020-12-29|EPI_ISL_791415|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000571/2020|2020-03-30|EPI_ISL_632030|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Portugal/PT1451/2020|2020-03-26|EPI_ISL_511410|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-5136/2020|2020-09-21|EPI_ISL_621674|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/283/2020|2020-03-17|EPI_ISL_462401|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-5230/2020|2020-09-14|EPI_ISL_615901|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5223/2020|2020-08-00|EPI_ISL_690326|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-95798E/2020|2020-06-10|EPI_ISL_554218|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-6117/2020|2020-05-01|EPI_ISL_583188|Original|hCoV-19^^California|Human|San Bernardino County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-DSHS-1269/2020|2020-03-26|EPI_ISL_648235|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-94DC82/2020|2020-06-19|EPI_ISL_555144|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497FA3/2020|2020-11-30|EPI_ISL_727006|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC7192/2020|2020-07-13|EPI_ISL_564273|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/CT-IBV-97007947/2020|2020-09-24|EPI_ISL_654512|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-A64D36/2020|2020-10-11|EPI_ISL_608490|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09402/2020|2020-03-19|EPI_ISL_450083|Original|hCoV-19^^New York|Human|MSSH Clinical Microbiology Laboratories|MSSH Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/South Africa/KRISP-0356/2020|2020-06-25|EPI_ISL_487313|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-CZB-11510/2020|2020-08-02|EPI_ISL_625585|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-49A18C/2020|2020-12-01|EPI_ISL_727503|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7010/2020|2020-08-00|EPI_ISL_688115|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-15CD0D/2020|2020-05-08|EPI_ISL_472610|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1467/2020|2020-03-19|EPI_ISL_518861|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/NY-NYUMC918/2020|2020-03-18|EPI_ISL_467411|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-1BA954/2020|2020-11-12|EPI_ISL_664321|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/EDB234/2020|2020-03-27|EPI_ISL_425952|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000310/2020|2020-03-15|EPI_ISL_631837|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMC-9EBA8C/2020|2020-09-24|EPI_ISL_584394|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7282/2020|2020-10-12|EPI_ISL_619065|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000205/2020|2020-04-18|EPI_ISL_631738|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-A2FDEC/2020|2020-10-06|EPI_ISL_587124|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18417/2020|2020-12-07|EPI_ISL_749954|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/MILK-ACBEA3/2020|2020-10-19|EPI_ISL_709914|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13498/2020|2020-08-22|EPI_ISL_788627|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CDPHE-2100015900/2020|2020-11-20|EPI_ISL_771317|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Italy/VEN-IZSve-20RS2160-35/2020|2020-11-30|EPI_ISL_747464|Original|hCoV-19^^Veneto|Human|Ospedale San Bonifacio|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/ALDP-954C6A/2020|2020-06-13|EPI_ISL_553501|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_136/2020|2020-05-07|EPI_ISL_461309|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/CT-IBV-005563/2020|2020-03-18|EPI_ISL_508622|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/NY-PV08120/2020|2020-03-17|EPI_ISL_421349|Original|hCoV-19^^New York|Human|MHS Clinical Microbiology Laboratories|MHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM07126518/2020|2020-12-02|EPI_ISL_753584|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/QEUH-9D097E/2020|2020-09-16|EPI_ISL_601863|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A92519/2020|2020-10-19|EPI_ISL_611078|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C3C2A/2020|2020-09-07|EPI_ISL_566917|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B596/2020|2020-05-22|EPI_ISL_487574|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4803/2020|2020-11-10|EPI_ISL_702756|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B1FD39/2020|2020-11-01|EPI_ISL_647531|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20959/2020|2020-12-21|EPI_ISL_759475|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-10FE24/2020|2020-04-09|EPI_ISL_441449|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Israel/2107137/2020|2020-04-14|EPI_ISL_447351|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/Belgium/RT-030460/2020|2020-03-04|EPI_ISL_418989|Original|hCoV-19^^Vorst|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Germany/NW-HHU-457/2020|2020-12-11|EPI_ISL_770691|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/QEUH-A4CDBC/2020|2020-10-05|EPI_ISL_596056|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUH-963BC5/2020|2020-08-11|EPI_ISL_531508|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10E6D2/2020|2020-03-24|EPI_ISL_425582|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/BW-UKT-b003/2020|2020-03-24|EPI_ISL_723095|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/USA/TX-DSHS-0414/2020|2020-06-16|EPI_ISL_542473|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/France/IDF-2251/2020|2020-03-11|EPI_ISL_428355|Original|hCoV-19^^\u00cele-de-France|Human|Institut M\u00e9dico l\u00e9gal- Hop R. Poincar\u00e9|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-12739/2020|2020-08-30|EPI_ISL_790496|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-5112/2020|2020-06-23|EPI_ISL_544533|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Iceland/164/2020|2020-03-14|EPI_ISL_417758|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUH-A3707F/2020|2020-10-05|EPI_ISL_638724|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-81/2020|2020-08-17|EPI_ISL_539597|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Luxembourg/LNS9651738/2020|2020-11-21|EPI_ISL_744959|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-32B5F/2020|2020-04-14|EPI_ISL_446655|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0716877/2020|2020-03-15|EPI_ISL_419567|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_R-36/2020|2020-06-30|EPI_ISL_774932|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/CAMC-A58D08/2020|2020-10-08|EPI_ISL_597057|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1207/2020|2020-03-20|EPI_ISL_639798|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Wales/PHWC-481980/2020|2020-10-17|EPI_ISL_613129|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Equatorial Guinea/12779/2020|2020-05-30|EPI_ISL_649156|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/Scotland/QEUAH-96D581/2020|2020-08-20|EPI_ISL_534518|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01848/2020|2020-04-13|EPI_ISL_470690|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-3405/2020|2020-06-12|EPI_ISL_544165|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B8F4F3/2020|2020-11-13|EPI_ISL_674604|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC775/2020|2020-03-25|EPI_ISL_456012|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/United Arab Emirates/0711/2020|2020-05-19|EPI_ISL_698862|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/EDB1470/2020|2020-04-11|EPI_ISL_433460|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6262482/2020|2020-12-27|EPI_ISL_771126|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MI-QDX-1099/2020|2020-03-20|EPI_ISL_571849|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-CZB-13115/2020|2020-10-27|EPI_ISL_672419|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-567A31/2020|2020-06-10|EPI_ISL_558347|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2358/2020|2020-10-22|EPI_ISL_624455|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4088/2020|2020-10-03|EPI_ISL_636448|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/QEUAH-9DC796/2020|2020-09-21|EPI_ISL_581108|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C5017B/2020|2020-12-11|EPI_ISL_769610|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-0545/2020|2020-04-02|EPI_ISL_435378|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MD-MDH-0378/2020|2020-10-26|EPI_ISL_660101|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Turkey/IST-GLAB-230/2020|2020-05-15|EPI_ISL_735297|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/WA-S844/2020|2020-04-22|EPI_ISL_463334|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-5443/2020|2020-06-24|EPI_ISL_544780|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14290/2020|2020-10-05|EPI_ISL_787575|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MASPHL-00094/2020|2020-04-03|EPI_ISL_791579|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-49CAF8/2020|2020-12-04|EPI_ISL_742645|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49112B/2020|2020-11-06|EPI_ISL_706614|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3CFE4/2020|2020-12-10|EPI_ISL_767277|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-128FF5/2020|2020-04-19|EPI_ISL_458795|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15740/2020|2020-07-09|EPI_ISL_785424|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-163310/2020|2020-06-03|EPI_ISL_473278|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CE53C/2020|2020-10-05|EPI_ISL_653087|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14642/2020|2020-10-11|EPI_ISL_787927|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A673F5/2020|2020-10-12|EPI_ISL_630508|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00044/2020|2020-12-20|EPI_ISL_765991|Original|hCoV-19^^California|Human|UCLA Clinical Micro Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001413/2020|2020-11-19|EPI_ISL_683753|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-C8A22A/2020|2020-12-16|EPI_ISL_756445|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08C90/2020|2020-10-29|EPI_ISL_643793|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3281/2020|2020-09-02|EPI_ISL_590912|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/CAMB-1B0C46/2020|2020-05-12|EPI_ISL_452954|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-B990D4/2020|2020-11-15|EPI_ISL_673418|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL675/2020|2020-07-13|EPI_ISL_653367|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/AZ-TG276490/2020|2020-04-13|EPI_ISL_694106|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-5004/2020|2020-08-00|EPI_ISL_690117|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9A5620/2020|2020-09-03|EPI_ISL_550038|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG408166/2020|2020-06-16|EPI_ISL_694917|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-C61256/2020|2020-12-13|EPI_ISL_735534|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9AFC/2020|2020-03-25|EPI_ISL_517322|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-A4B02D/2020|2020-10-04|EPI_ISL_638731|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5631/2020|2020-09-28|EPI_ISL_619918|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Thailand/MUMT-4/2020|2020-03-03|EPI_ISL_493139|Vero P3|hCoV-19^^Bangkok|Human|Center for Research and Innovation|Center for Research and Innovation|Sangsiriwut|Thailand

>Spike|hCoV-19/England/LOND-D6BD5/2020|2020-03-27|EPI_ISL_478414|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12445/2020|2020-09-29|EPI_ISL_789903|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1016/2020|2020-04-01|EPI_ISL_430476|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A3904/2020|2020-06-09|EPI_ISL_490389|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1B676D/2020|2020-00-00|EPI_ISL_584303|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Belgium/reg-0416496/2020|2020-04-16|EPI_ISL_734588|Original|hCoV-19^^Temse|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/204621311/2020|2020-11-10|EPI_ISL_700612|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Belgium/reg-0916977/2020|2020-09-16|EPI_ISL_734967|Original|hCoV-19^^Hoeilaart|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-14966/2020|2020-11-23|EPI_ISL_713553|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/6456/2020|2020-12-03|EPI_ISL_775391|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/WA-UW-669/2020|2020-03-12|EPI_ISL_476924|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-AAA9B8/2020|2020-10-21|EPI_ISL_652725|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-323B1/2020|2020-04-08|EPI_ISL_446640|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-PV08143/2020|2020-03-17|EPI_ISL_421363|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Wales/PHWC-484CEE/2020|2020-10-21|EPI_ISL_628098|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2062/2020|2020-06-05|EPI_ISL_497490|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/20172009004/2020|2020-04-20|EPI_ISL_465332|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-270198/2020|2020-08-31|EPI_ISL_541536|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC12570/2020|2020-07-29|EPI_ISL_640785|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/regal-0503483/2020|2020-05-03|EPI_ISL_476999|Original|hCoV-19^^Holsbeek|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Malta/BAL-Sliema-3/2020|2020-08-14|EPI_ISL_576119|Original|hCoV-19^^Malta|Human|Laboratory|Laboratory|Biazzo,M.|Malta

>Spike|hCoV-19/England/BRIS-12B4F3/2020|2020-05-22|EPI_ISL_487561|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1427/2020|2020-04-02|EPI_ISL_438806|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9C4755/2020|2020-09-07|EPI_ISL_573254|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WA-S2563/2020|2020-06-17|EPI_ISL_497195|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-S62/2020|2020-03-03|EPI_ISL_417115|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-15570/2020|2020-11-23|EPI_ISL_713901|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-SEARCH-5339/2020|2020-12-09|EPI_ISL_755156|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-12846F/2020|2020-04-16|EPI_ISL_469604|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA1C4/2020|2020-09-24|EPI_ISL_579990|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B04A8B/2020|2020-10-24|EPI_ISL_650594|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-96520A/2020|2020-08-12|EPI_ISL_531018|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9606/2020|2020-11-09|EPI_ISL_669064|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-698/2020|2020-09-18|EPI_ISL_632347|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20154075604/2020|2020-04-07|EPI_ISL_466262|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/DRC/2120/2020|2020-04-12|EPI_ISL_435163|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-CA5D64/2020|2020-12-18|EPI_ISL_761429|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-95DA58/2020|2020-06-19|EPI_ISL_556083|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B697AB/2020|2020-11-11|EPI_ISL_661543|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-244/2020|2020-07-06|EPI_ISL_487384|Original|hCoV-19^^Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/QEUEH-B2DC77/2020|2020-11-03|EPI_ISL_646977|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6B035/2020|2020-11-11|EPI_ISL_662540|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7227/2020|2020-07-00|EPI_ISL_688331|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-9446/2020|2020-07-03|EPI_ISL_781125|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-101144/2020|2020-03-31|EPI_ISL_451811|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-ACTREC-222/2020|2020-06-30|EPI_ISL_699876|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-6D68D8/2020|2020-06-30|EPI_ISL_556230|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00526/2020|2020-05-05|EPI_ISL_693052|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/South Africa/R10305/2020|2020-05-29|EPI_ISL_490267|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/20170000404/2020|2020-04-19|EPI_ISL_465261|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-ACCA35/2020|2020-10-21|EPI_ISL_629297|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2118/2020|2020-05-21|EPI_ISL_635355|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Italy/BAS-IZSPB-384PT/2020|2020-10-20|EPI_ISL_722885|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/England/CAMC-B34DB6/2020|2020-11-05|EPI_ISL_659459|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4989/2020|2020-08-00|EPI_ISL_690102|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT1372/2020|2020-03-25|EPI_ISL_511331|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW-23164/2020|2020-08-03|EPI_ISL_570752|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LOND-DA9C8/2020|2020-11-05|EPI_ISL_724677|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16684/2020|2020-11-09|EPI_ISL_714913|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC12893/2020|2020-07-27|EPI_ISL_592101|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/CAMC-A4179B/2020|2020-10-07|EPI_ISL_625441|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4939/2020|2020-07-14|EPI_ISL_519313|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-1783/2020|2020-05-16|EPI_ISL_512181|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-Wadsworth-16217-02/2020|2020-03-15|EPI_ISL_676740|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/NoordBrabant_155/2020|2020-00-00|EPI_ISL_461190|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B95F26/2020|2020-11-13|EPI_ISL_676245|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-619095/2020|2020-07-05|EPI_ISL_557789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14231/2020|2020-09-01|EPI_ISL_592404|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB5892/2020|2020-04-29|EPI_ISL_473867|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMB-7C3F7/2020|2020-04-04|EPI_ISL_441652|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7208/2020|2020-06-29|EPI_ISL_546599|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B7C12/2020|2020-10-25|EPI_ISL_638367|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9C4ED8/2020|2020-09-10|EPI_ISL_567850|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AAEA39/2020|2020-10-20|EPI_ISL_652979|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-A6A51A/2020|2020-10-09|EPI_ISL_627510|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-364/2020|2020-11-07|EPI_ISL_722737|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NM-UNM-00546/2020|2020-05-12|EPI_ISL_542967|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/MILK-A461B6/2020|2020-10-06|EPI_ISL_598697|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1148D3/2020|2020-10-08|EPI_ISL_584755|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4B6FE/2020|2020-10-08|EPI_ISL_628473|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CDC-4731/2020|2020-06-16|EPI_ISL_535702|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18874/2020|2020-11-26|EPI_ISL_785189|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1134/2020|2020-05-04|EPI_ISL_463624|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12415/2020|2020-09-28|EPI_ISL_790335|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Poland/PL_MCB_24/2020|2020-03-28|EPI_ISL_645023|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Wales/MILK-B02B3F/2020|2020-10-24|EPI_ISL_647825|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovakia/UKBA-410/2020|2020-11-19|EPI_ISL_718258|Original|hCoV-19^^Nitra|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

>Spike|hCoV-19/Netherlands/ZH-EMC-742/2020|2020-09-12|EPI_ISL_632583|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-47E300/2020|2020-10-08|EPI_ISL_595437|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hungary/UD-94020/2020|2020-10-08|EPI_ISL_671493|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Japan/PG-0439/2020|2020-03-13|EPI_ISL_480104|Original|hCoV-19^^Kanto|Human|Koshigaya City Public Health Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-PV09347/2020|2020-03-24|EPI_ISL_450035|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Denmark/DCGC-4837/2020|2020-09-21|EPI_ISL_621522|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wuhan/HB-WH3-178/2020|2020-03-13|EPI_ISL_455378|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Guatemala/CDC-1227/2020|2020-03-13|EPI_ISL_509695|Original|hCoV-19^^Guatemala|Human|Guatemala Ministry of Public Health|Pathogen Discovery|Queen|Guatemala

>Spike|hCoV-19/Belgium/ULG-10540/2020|2020-10-23|EPI_ISL_626286|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/United Arab Emirates/0382/2020|2020-05-15|EPI_ISL_698557|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Canada/ON-OICR-SLB2819/2020|2020-04-02|EPI_ISL_538347|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Spain/AN-IBV-001887/2020|2020-03-12|EPI_ISL_452461|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e9ldiz - INIBICA|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-2B5B5/2020|2020-04-10|EPI_ISL_445731|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Mexico/CAM-INdRE-62/2020|2020-08-21|EPI_ISL_576265|Original|hCoV-19^^Campeche|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/Australia/VIC7201/2020|2020-07-11|EPI_ISL_564278|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-07571/2020|2020-04-20|EPI_ISL_445234|Original|hCoV-19^^Vastra Gotaland|Human|Wasterlakarna|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-5369/2020|2020-09-14|EPI_ISL_615300|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-136686/2020|2020-05-01|EPI_ISL_457229|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1755/2020|2020-05-12|EPI_ISL_542815|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-QDX-576/2020|2020-03-18|EPI_ISL_571324|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/AZ-TG379485/2020|2020-06-16|EPI_ISL_694639|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Belgium/reg-0915956/2020|2020-09-15|EPI_ISL_734946|Original|hCoV-19^^Berg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/New Zealand/20CV0488/2020|2020-10-25|EPI_ISL_622820|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/LA-BIE-077/2020|2020-04-06|EPI_ISL_436945|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/USA/WI-UW-1927/2020|2020-10-05|EPI_ISL_677336|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-S1829/2020|2020-05-27|EPI_ISL_496255|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Luxembourg/LNS3786534/2020|2020-11-23|EPI_ISL_740376|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MA-MGH-03202/2020|2020-09-30|EPI_ISL_765744|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/LOND-D6DDF/2020|2020-04-02|EPI_ISL_478435|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48311D/2020|2020-10-21|EPI_ISL_627782|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B463BF/2020|2020-11-07|EPI_ISL_656210|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4711/2020|2020-08-00|EPI_ISL_689848|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CT-Yale-496/2020|2020-10-12|EPI_ISL_729737|Original|hCoV-19^^Connecticut|Human|Grubaugh Lab - Yale School of Public Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/LIVE-9A618/2020|2020-03-29|EPI_ISL_449354|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NORT-1B6BF53/2020|2020-09-27|EPI_ISL_611747|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1659/2020|2020-03-20|EPI_ISL_424201|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-9B6F6D/2020|2020-09-04|EPI_ISL_590574|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B88515/2020|2020-11-13|EPI_ISL_674335|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00214023/2020|2020-03-10|EPI_ISL_535723|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Verdun|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/CA-ALSR-4439/2020|2020-10-21|EPI_ISL_649031|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/QEUEH-B0DF1A/2020|2020-10-31|EPI_ISL_647804|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/GO-0106/2020|2020-03-13|EPI_ISL_417930|Original|hCoV-19^^Goi\u00e9s|Human|Laborat\u00f3rio Hermes Pardini|Bioinformatics Laboratory - LNCC|Almeida|Brazil

>Spike|hCoV-19/England/QEUEH-B7DABA/2020|2020-11-14|EPI_ISL_741893|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-B10FAB/2020|2020-11-03|EPI_ISL_649534|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW825/2020|2020-08-07|EPI_ISL_526167|Original|hCoV-19^^New South Wales|Human|Austech Medical Laboratories|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMC-A57A99/2020|2020-10-07|EPI_ISL_597435|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4474/2020|2020-07-00|EPI_ISL_692697|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW642/2020|2020-07-10|EPI_ISL_498761|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/ALDP-C22FD2/2020|2020-12-06|EPI_ISL_767243|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00248/2020|2020-04-19|EPI_ISL_681984|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/USA/MA-MGH-00282/2020|2020-04-01|EPI_ISL_460408|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Belgium/GSA-030454/2020|2020-03-04|EPI_ISL_420448|Original|hCoV-19^^Lubbeek|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-B550E3/2020|2020-11-06|EPI_ISL_657948|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7206/2020|2020-07-00|EPI_ISL_688310|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-108438/2020|2020-09-09|EPI_ISL_585190|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUH-9BAB47/2020|2020-09-07|EPI_ISL_573623|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Jordan/IR-ALSR-5218/2020|2020-10-08|EPI_ISL_730456|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/TX-HMH-2158/2020|2020-05-19|EPI_ISL_545150|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-BD1B2A/2020|2020-11-27|EPI_ISL_702334|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Weifang/WF0003/2020|2020-01-00|EPI_ISL_413693|Original|hCoV-19^^Weifang|Human|Weifang Center for Disease Control and Prevention|Weifang Center for Disease Control and Prevention & BGI-Shenzhen|Li|China

>Spike|hCoV-19/England/QEUH-CC7A56/2020|2020-12-21|EPI_ISL_760302|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6853A/2020|2020-10-12|EPI_ISL_608575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2CB7/2020|2020-10-21|EPI_ISL_625165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4341/2020|2020-07-13|EPI_ISL_519637|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-1214/2020|2020-03-23|EPI_ISL_450463|Original|hCoV-19^^California|Human|Stanford clinical virology lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Botswana/BOT2624/2020|2020-04-05|EPI_ISL_560387|Original|hCoV-19^^Gaborone|Human|National Health Laboratory|Botswana Institute for Technology Research and Innovation|Tumedi|Botswana

>Spike|hCoV-19/USA/CA-ALSR-2620/2020|2020-07-10|EPI_ISL_635591|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0014/2020|2020-03-15|EPI_ISL_515301|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/MILK-A05739/2020|2020-09-30|EPI_ISL_600052|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1696/2020|2020-04-02|EPI_ISL_468631|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Wales/QEUA-AD17EB/2020|2020-10-24|EPI_ISL_634736|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001085/2020|2020-07-13|EPI_ISL_509338|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/United Arab Emirates/0766/2020|2020-05-19|EPI_ISL_698910|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Belgium/ULG-10077/2020|2020-04-04|EPI_ISL_424642|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-21407/2020|2020-12-21|EPI_ISL_758150|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B21E6E/2020|2020-11-02|EPI_ISL_646014|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Zimbabwe/ZW-9494/2020|2020-06-01|EPI_ISL_644812|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/England/ALDP-9BE19C/2020|2020-09-09|EPI_ISL_567937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31FBE/2020|2020-04-14|EPI_ISL_446594|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0316/2020|2020-10-19|EPI_ISL_633092|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Gambia/GC192602/2020|2020-07-21|EPI_ISL_561120|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/MN-MDH-1316/2020|2020-03-25|EPI_ISL_495615|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-AAD609/2020|2020-10-22|EPI_ISL_637969|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-1578/2020|2020-04-00|EPI_ISL_685184|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9D6F49/2020|2020-09-20|EPI_ISL_584337|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/UGent-259/2020|2020-11-05|EPI_ISL_717999|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/MI-QDX-930/2020|2020-03-22|EPI_ISL_571634|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Singapore/2/2020|2020-01-25|EPI_ISL_407987|Vero P3|hCoV-19^^Singapore|Human|Singapore General Hospital|Programme in Emerging Infectious Diseases|Smith|Singapore

>Spike|hCoV-19/USA/CA-CZB-10590/2020|2020-09-07|EPI_ISL_583196|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-9F4A9F/2020|2020-09-27|EPI_ISL_588304|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204040292/2020|2020-09-29|EPI_ISL_622835|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC6506/2020|2020-07-26|EPI_ISL_521280|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1914/2020|2020-10-26|EPI_ISL_677323|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/LOND-124DA22/2020|2020-00-00|EPI_ISL_584632|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020328525/2020|2020-09-04|EPI_ISL_575320|Original|hCoV-19^^New Mexico|Human|Molecular Biology|Molecular Biology|Johnson|USA

>Spike|hCoV-19/England/CAMC-B0A4D2/2020|2020-10-29|EPI_ISL_672984|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D12F/2020|2020-12-10|EPI_ISL_742737|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-270188/2020|2020-08-30|EPI_ISL_541502|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-B41071/2020|2020-11-08|EPI_ISL_658662|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010990/2020|2020-10-18|EPI_ISL_732813|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-CC260C/2020|2020-12-21|EPI_ISL_778077|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3680/2020|2020-04-00|EPI_ISL_691933|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A5225A/2020|2020-10-07|EPI_ISL_598248|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-127D38/2020|2020-04-17|EPI_ISL_469630|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0793/2020|2020-05-16|EPI_ISL_626476|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/France/PAC-MEPHI-1746/2020|2020-09-18|EPI_ISL_644440|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420656/2020|2020-12-23|EPI_ISL_768266|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/ON-S1792/2020|2020-11-15|EPI_ISL_755787|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/India/MH-NIV-4622/2020|2020-03-24|EPI_ISL_454534|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Scotland/CVR5761/2020|2020-11-09|EPI_ISL_705636|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1171/2020|2020-08-03|EPI_ISL_582492|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/SHEF-C8CF1/2020|2020-05-11|EPI_ISL_475412|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3361/2020|2020-08-31|EPI_ISL_616118|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18557/2020|2020-11-19|EPI_ISL_784905|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC_03489776/2020|2020-04-00|EPI_ISL_466753|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Australia/TAS240/2020|2020-04-15|EPI_ISL_522668|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-521EEC/2020|2020-06-02|EPI_ISL_559087|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2761/2020|2020-07-15|EPI_ISL_635664|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-B6A652/2020|2020-11-11|EPI_ISL_662574|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1ACB9/2020|2020-11-01|EPI_ISL_645940|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-19109V/2020|2020-06-01|EPI_ISL_524023|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/PHWC-498E2D/2020|2020-11-28|EPI_ISL_727216|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11544/2020|2020-11-02|EPI_ISL_670986|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15721/2020|2020-07-09|EPI_ISL_785405|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC559/2020|2020-03-31|EPI_ISL_444676|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Japan/PG-8384/2020|2020-07-00|EPI_ISL_687483|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-GMF-23602/2020|2020-10-02|EPI_ISL_660877|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/MILK-9A53CF/2020|2020-09-03|EPI_ISL_550019|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/HCMC-35030/2020|2020-03-31|EPI_ISL_498191|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19/England/ALDP-95615A/2020|2020-06-08|EPI_ISL_554008|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-240046/2020|2020-08-12|EPI_ISL_523888|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-UM-10036825013/2020|2020-11-06|EPI_ISL_728375|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/QEUA-9FA5B6/2020|2020-09-29|EPI_ISL_600542|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABACC/2020|2020-04-20|EPI_ISL_470309|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003541/2020|2020-03-28|EPI_ISL_537968|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-5330/2020|2020-08-00|EPI_ISL_690433|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Mexico/NLE-UANL-037/2020|2020-11-21|EPI_ISL_779198|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio Estatal de Salud P\u00fablica de Nuevo Le\u00f3n|Laboratorio de Infectolog\u00eda Molecular|Gal\u00e9n|Mexico

>Spike|hCoV-19/USA/UT-UPHL-2012061461/2020|2020-08-03|EPI_ISL_745725|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/India/OR-RMRC90/2020|2020-05-04|EPI_ISL_455786|Original|hCoV-19^^Odisha|Human|REGIONAL VRDL, ICMR-RMRC BBSR|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Canada/ON-S1949/2020|2020-11-24|EPI_ISL_755669|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-5D67EB/2020|2020-06-19|EPI_ISL_558583|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-655FB/2020|2020-10-05|EPI_ISL_594570|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1459/2020|2020-12-17|EPI_ISL_779125|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-B3318E/2020|2020-11-05|EPI_ISL_659235|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA54A/2020|2020-11-18|EPI_ISL_681326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A8783C/2020|2020-10-17|EPI_ISL_606107|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20031/2020|2020-12-07|EPI_ISL_747594|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20139065604/2020|2020-03-29|EPI_ISL_423355|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19044/2020|2020-12-07|EPI_ISL_748717|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-2A102D/2020|2020-00-00|EPI_ISL_652347|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMB-77101/2020|2020-04-01|EPI_ISL_438533|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-173C03/2020|2020-04-03|EPI_ISL_459150|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2248/2020|2020-10-08|EPI_ISL_728017|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/NY-NYCPHL-000762/2020|2020-03-20|EPI_ISL_632142|Original|hCoV-19^^New York|Human|Brookdale University Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/England/LIVE-DBD16C/2020|2020-10-27|EPI_ISL_679390|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/WI-UW-28/2020|2020-03-25|EPI_ISL_421286|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Scotland/CVR2674/2020|2020-04-17|EPI_ISL_484634|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Russia/NGR-RII-MH6296S/2020|2020-11-10|EPI_ISL_733374|Original|hCoV-19^^Novgorod|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/USA/TX-DSHS-0345/2020|2020-06-13|EPI_ISL_538283|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/England/CAMC-BD1586/2020|2020-11-29|EPI_ISL_702043|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-UCLA-17/2020|2020-04-30|EPI_ISL_537505|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA
>Spike|hCoV-19/South Korea/KCDC2517/2020|2020-06-17|EPI_ISL_514920|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea
>Spike|hCoV-19/USA/UT-05782/2020|2020-06-04|EPI_ISL_487261|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA
>Spike|hCoV-19/Netherlands/ZH-EMC-1109/2020|2020-12-15|EPI_ISL_722781|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/MILK-BAA270/2020|2020-11-17|EPI_ISL_783322|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/MH-ACTREC-464/2020|2020-08-10|EPI_ISL_700112|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/USA/CA-CDPH108/2020|2020-09-16|EPI_ISL_754958|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>Spike|hCoV-19/Luxembourg/LNS4834565/2020|2020-11-25|EPI_ISL_744143|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/South Africa/KRISP-K004545/2020|2020-10-27|EPI_ISL_660242|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Denmark/DCGC-2876/2020|2020-08-24|EPI_ISL_616571|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Netherlands/ZH-EMC-1033/2020|2020-11-18|EPI_ISL_722284|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/WA-UW-1919/2020|2020-03-23|EPI_ISL_424296|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-22146/2020|2020-12-14|EPI_ISL_758584|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/BAS-UniMI-3725/2020|2020-04-03|EPI_ISL_477197|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata;|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/England/205161120/2020|2020-12-17|EPI_ISL_766430|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B0505B/2020|2020-10-24|EPI_ISL_638534|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0043293/2020|2020-10-26|EPI_ISL_739702|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-CB6AD2/2020|2020-12-19|EPI_ISL_761691|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB1DB2/2020|2020-10-23|EPI_ISL_623657|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C5896/2020|2020-09-09|EPI_ISL_540732|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC2086/2020|2020-06-13|EPI_ISL_480698|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-10D4A04/2020|2020-12-03|EPI_ISL_727970|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20422146704/2020|2020-09-00|EPI_ISL_584055|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Italy/SIC-IZSBM193-88/2020|2020-06-00|EPI_ISL_582842|Original|hCoV-19^^Sicily|Human|Laboratorio di Riferimento Regionale della Sicilia Occidentale per l'Emergenza COVID-19|Istituto Zooprofilattico Sperimentale della Sicilia|Reale|Italy

>Spike|hCoV-19/USA/TX-DSHS-1485/2020|2020-06-22|EPI_ISL_676618|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-3370/2020|2020-08-31|EPI_ISL_616127|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-006420/2020|2020-04-05|EPI_ISL_510135|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/ALDP-91D40B/2020|2020-06-23|EPI_ISL_552973|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99C817/2020|2020-08-30|EPI_ISL_550790|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132047204/2020|2020-03-23|EPI_ISL_423781|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B391E2/2020|2020-11-01|EPI_ISL_652296|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/BRIS-12FA48/2020|2020-04-03|EPI_ISL_488251|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DC-HP00116/2020|2020-03-26|EPI_ISL_457809|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/SHEF-CB168/2020|2020-06-16|EPI_ISL_479246|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-925FC3/2020|2020-06-23|EPI_ISL_551471|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00001/2020|2020-11-26|EPI_ISL_737236|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/MILK-BB249D/2020|2020-11-18|EPI_ISL_720166|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11050/2020|2020-12-01|EPI_ISL_722960|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MN-MDH-1659/2020|2020-04-02|EPI_ISL_560746|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUEH-9FF96A/2020|2020-09-30|EPI_ISL_600196|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-2909/2020|2020-09-04|EPI_ISL_667408|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wuhan/HB-WH4-210/2020|2020-03-19|EPI_ISL_454959|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/NY-Wadsworth-248016-01/2020|2020-10-18|EPI_ISL_734366|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Scotland/CVR5907/2020|2020-11-17|EPI_ISL_703749|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-B0893F/2020|2020-10-29|EPI_ISL_643663|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C93992/2020|2020-12-19|EPI_ISL_777196|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-ECB18/2020|2020-06-04|EPI_ISL_472334|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18145/2020|2020-11-11|EPI_ISL_784493|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CDEC0/2020|2020-09-16|EPI_ISL_566245|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B8BF/2020|2020-09-21|EPI_ISL_573913|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1812/2020|2020-03-28|EPI_ISL_579137|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-31473/2020|2020-04-11|EPI_ISL_446450|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B38884/2020|2020-11-01|EPI_ISL_658814|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11655/2020|2020-09-11|EPI_ISL_790076|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-EVTL044/2020|2020-05-01|EPI_ISL_451205|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/France/PAC-IHU-0130/2020|2020-03-12|EPI_ISL_569326|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/OXON-B2D42/2020|2020-04-08|EPI_ISL_534812|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0238/2020|2020-09-28|EPI_ISL_602261|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Spain/MD-IBV-97010062/2020|2020-03-27|EPI_ISL_779757|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH276/2020|2020-04-01|EPI_ISL_513123|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/UT-UPHL-2012190289/2020|2020-08-08|EPI_ISL_745800|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-992978/2020|2020-08-27|EPI_ISL_551965|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7406/2020|2020-10-12|EPI_ISL_619102|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-370/2020|2020-08-02|EPI_ISL_523710|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/BE-ETHZ-380384/2020|2020-11-23|EPI_ISL_721679|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-1129C3/2020|2020-04-22|EPI_ISL_493571|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/OH-ODH-SC35158/2020|2020-04-23|EPI_ISL_778859|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/England/CAMB-83366/2020|2020-04-11|EPI_ISL_443440|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19004/2020|2020-11-25|EPI_ISL_785277|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-13661/2020|2020-11-04|EPI_ISL_738716|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MN-MDH-1181/2020|2020-06-03|EPI_ISL_476766|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Italy/VEN-UniVR-47/2020|2020-03-12|EPI_ISL_751357|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Belgium/regA-0512549/2020|2020-05-12|EPI_ISL_734725|Original|hCoV-19^^Blaton|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/QEUH-9901CD/2020|2020-08-26|EPI_ISL_568327|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3999/2020|2020-09-14|EPI_ISL_615769|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-QDX-77/2020|2020-03-13|EPI_ISL_467924|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-A45885/2020|2020-10-06|EPI_ISL_598569|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regA-0917987/2020|2020-09-17|EPI_ISL_734979|Original|hCoV-19^^Deurne|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUH-9C9310/2020|2020-09-13|EPI_ISL_567317|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15287/2020|2020-10-22|EPI_ISL_786771|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C23241/2020|2020-12-06|EPI_ISL_733737|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-296CBE/2020|2020-04-28|EPI_ISL_484277|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-4374/2020|2020-07-03|EPI_ISL_527652|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Iran/K1r-108/2020|2020-03-20|EPI_ISL_568491|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/Scotland/EDB8583/2020|2020-10-21|EPI_ISL_651964|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20127340/2020|2020-09-30|EPI_ISL_730587|Original|hCoV-19^^Hong Kong|Human|Pamela Youde Nethersole Eastern Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/NORT-292520/2020|2020-05-11|EPI_ISL_489118|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132017804/2020|2020-03-22|EPI_ISL_423729|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-BA0447/2020|2020-11-18|EPI_ISL_719763|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957C94/2020|2020-06-13|EPI_ISL_554826|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E3FE/2020|2020-11-11|EPI_ISL_680854|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1167/2020|2020-08-19|EPI_ISL_526653|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH471/2020|2020-08-04|EPI_ISL_512926|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/CA-CHLA-PLM97776917/2020|2020-11-29|EPI_ISL_753650|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/CAMC-A3F6DF/2020|2020-10-04|EPI_ISL_609745|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001540/2020|2020-03-18|EPI_ISL_467120|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/20142018404/2020|2020-03-28|EPI_ISL_465926|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A441/2020|2020-12-09|EPI_ISL_731083|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S192/2020|2020-03-20|EPI_ISL_430230|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Scotland/CVR2911/2020|2020-04-22|EPI_ISL_473625|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/SHEF-CD05A/2020|2020-03-27|EPI_ISL_432539|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CAD9/2020|2020-03-27|EPI_ISL_472579|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3666/2020|2020-04-00|EPI_ISL_691919|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-17709/2020|2020-12-14|EPI_ISL_751159|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OK-CDC-2-3693599/2020|2020-11-17|EPI_ISL_747155|Original|hCoV-19^^Oklahoma|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/QEUH-CC93D1/2020|2020-12-19|EPI_ISL_781982|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1617/2020|2020-04-17|EPI_ISL_468546|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-3166/2020|2020-08-31|EPI_ISL_615988|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-8B4249/2020|2020-06-29|EPI_ISL_557021|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01792/2020|2020-07-00|EPI_ISL_636942|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Switzerland/BL-UHB-42194939/2020|2020-03-17|EPI_ISL_528169|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-BC87C8/2020|2020-11-23|EPI_ISL_721292|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B2AB/2020|2020-11-08|EPI_ISL_655527|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8569/2020|2020-07-01|EPI_ISL_780631|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR5582/2020|2020-10-28|EPI_ISL_651536|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-B24FA4/2020|2020-11-04|EPI_ISL_646666|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D710-10/2020|2020-03-07|EPI_ISL_516638|Original|hCoV-19^^Berlin|Human|Charite\u0301 Universita\u0301tsmedizin Berlin|Charite\u0301 Universita\u0301tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/BRIS-1853768/2020|2020-04-13|EPI_ISL_492268|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292446-01/2020|2020-12-04|EPI_ISL_767684|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Spain/MD-H12-85/2020|2020-04-15|EPI_ISL_530014|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/ALDP-9BEA55/2020|2020-09-10|EPI_ISL_568187|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265E2F2/2020|2020-03-12|EPI_ISL_484184|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010970/2020|2020-11-09|EPI_ISL_732798|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Saudi Arabia/KAUST-JEDDAH632/2020|2020-04-29|EPI_ISL_512988|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/MI-UM-10036619785/2020|2020-10-26|EPI_ISL_650021|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUA-AF27F3/2020|2020-10-30|EPI_ISL_662743|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001035/2020|2020-07-17|EPI_ISL_509301|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/UT-UPHL-2012441898/2020|2020-10-02|EPI_ISL_746147|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-C16029/2020|2020-12-06|EPI_ISL_709384|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7334/2020|2020-08-00|EPI_ISL_688437|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC21773/2020|2020-08-13|EPI_ISL_529891|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WA-UW-10442/2020|2020-06-05|EPI_ISL_570309|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-2C0B3/2020|2020-04-04|EPI_ISL_474272|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-99009921/2020|2020-08-11|EPI_ISL_660317|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/NGY-NNH-041/2020|2020-08-05|EPI_ISL_637007|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/England/LEED-2A8BDA/2020|2020-04-03|EPI_ISL_539037|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-DAF02/2020|2020-11-15|EPI_ISL_724729|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/WA-S2646/2020|2020-06-20|EPI_ISL_497278|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-BC8A0B/2020|2020-11-22|EPI_ISL_721464|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D58D/2020|2020-12-11|EPI_ISL_742801|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C88F/2020|2020-12-10|EPI_ISL_731595|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1086/2020|2020-06-03|EPI_ISL_470766|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-20170/2020|2020-11-30|EPI_ISL_748025|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9AADB/2020|2020-09-01|EPI_ISL_550796|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484CA2/2020|2020-10-21|EPI_ISL_628095|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Norway/4881/2020|2020-10-25|EPI_ISL_775321|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/AZ-TG666160/2020|2020-05-01|EPI_ISL_696241|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Russia/MOS-CRIE-13669866/2020|2020-11-09|EPI_ISL_754207|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>y|Korneenko|Russia

>Spike|hCoV-19/USA/WA-S1651/2020|2020-05-29|EPI_ISL_496077|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/NOTT-11E323/2020|2020-11-27|EPI_ISL_725526|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-294DF9/2020|2020-03-29|EPI_ISL_478617|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-96AE89/2020|2020-08-14|EPI_ISL_531443|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC473/2020|2020-04-20|EPI_ISL_435538|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20429/2020|2020-12-08|EPI_ISL_728649|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMB-7CC92/2020|2020-04-05|EPI_ISL_442157|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A9616C/2020|2020-10-19|EPI_ISL_624710|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75F72/2020|2020-03-28|EPI_ISL_438352|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-4229/2020|2020-07-00|EPI_ISL_691756|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-C6204C/2020|2020-12-13|EPI_ISL_735838|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12838/2020|2020-08-19|EPI_ISL_790560|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Romania/ROSV-10281/2020|2020-04-25|EPI_ISL_678397|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/England/ALDP-B1CCE4/2020|2020-11-01|EPI_ISL_645676|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3801/2020|2020-05-27|EPI_ISL_636208|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-30EFE/2020|2020-04-09|EPI_ISL_474321|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5960/2020|2020-08-28|EPI_ISL_590300|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99007113/2020|2020-07-21|EPI_ISL_541887|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/BRIS-1249A0/2020|2020-03-25|EPI_ISL_443801|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-4062/2020|2020-07-00|EPI_ISL_692303|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-6745/2020|2020-08-00|EPI_ISL_687855|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9011F4/2020|2020-06-24|EPI_ISL_557161|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0105/2020|2020-06-03|EPI_ISL_495127|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/England/MILK-B8F0C2/2020|2020-11-13|EPI_ISL_675318|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-949FD8/2020|2020-07-17|EPI_ISL_556738|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19174/2020|2020-12-07|EPI_ISL_748793|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2008170687/2020|2020-08-17|EPI_ISL_677249|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/MILK-9EEC29/2020|2020-09-24|EPI_ISL_580749|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6DF82/2020|2020-10-14|EPI_ISL_607868|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B7694B/2020|2020-11-12|EPI_ISL_723786|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7203/2020|2020-06-29|EPI_ISL_546594|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1639/2020|2020-05-21|EPI_ISL_539833|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-84BE5/2020|2020-03-12|EPI_ISL_440503|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/OXON-ACC5D/2020|2020-04-05|EPI_ISL_448521|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Uganda/UG052/2020|2020-05-07|EPI_ISL_737969|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/USA/TX-HMH-MCoV-11262/2020|2020-09-03|EPI_ISL_789752|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-1187/2020|2020-04-28|EPI_ISL_494423|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-123ABD/2020|2020-04-07|EPI_ISL_442800|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20613/2020|2020-04-30|EPI_ISL_462695|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-CA336/2020|2020-10-15|EPI_ISL_613382|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-292/2020|2020-09-30|EPI_ISL_770767|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Northern Ireland/NIRE-103BED/2020|2020-04-16|EPI_ISL_489243|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-332178/2020|2020-10-22|EPI_ISL_614932|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-3375/2020|2020-08-31|EPI_ISL_616134|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB4216/2020|2020-04-21|EPI_ISL_449283|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/AZ-TG512081/2020|2020-07-17|EPI_ISL_695304|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-8220/2020|2020-08-00|EPI_ISL_687319|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR1431/2020|2020-04-02|EPI_ISL_433583|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-4929/2020|2020-07-00|EPI_ISL_690049|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Lebanon/S2_759/2020|2020-03-15|EPI_ISL_450509|Original|hCoV-19^^Beirut|Human|Rafik Hariri University Hospital|Rafik Hariri University Hospital|Feghali|Lebanon

>Spike|hCoV-19/England/ALDP-9E6FA0/2020|2020-09-24|EPI_ISL_580552|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11184F/2020|2020-05-21|EPI_ISL_461931|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-B5979F/2020|2020-11-06|EPI_ISL_679867|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Morocco/6900/2020|2020-04-20|EPI_ISL_459978|Original|hCoV-19^^Morocco|Human|Institut Pasteur du Maroc|Institut Pasteur du Maroc|Enouf|Morocco

>Spike|hCoV-19/USA/MD-HP00554/2020|2020-03-25|EPI_ISL_511870|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/USA/NV-CDC-2-3693578/2020|2020-11-10|EPI_ISL_747153|Original|hCoV-19^^Nevada|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Canada/NS-NML-1306/2020|2020-04-09|EPI_ISL_579687|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/NY-NYCPHL-001285/2020|2020-11-09|EPI_ISL_683902|Original|hCoV-19^^New York|Human|DOHMH Riverside|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-B460C7/2020|2020-11-07|EPI_ISL_656294|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2901/2020|2020-04-22|EPI_ISL_473623|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NOTT-1190A9/2020|2020-10-30|EPI_ISL_627706|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/India/MH-NIV-12024/2020|2020-04-20|EPI_ISL_452200|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Scotland/CVR1935/2020|2020-04-08|EPI_ISL_433663|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19484/2020|2020-11-30|EPI_ISL_783868|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-99232F/2020|2020-08-27|EPI_ISL_540672|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00236595/2020|2020-03-25|EPI_ISL_536141|Original|hCoV-19^^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1630/2020|2020-04-26|EPI_ISL_678131|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-95D153/2020|2020-06-18|EPI_ISL_553533|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-4031/2020|2020-08-08|EPI_ISL_548650|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-25120/2020|2020-03-22|EPI_ISL_420970|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20174037704/2020|2020-04-13|EPI_ISL_465397|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-8442/2020|2020-09-00|EPI_ISL_687541|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Hong Kong/VM20139199/2020|2020-10-28|EPI_ISL_730581|Original|hCoV-19^^Hong Kong|Human|Home Quarantine Taskforce|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Northern Ireland/QEUI-7A4ACD/2020|2020-07-14|EPI_ISL_533151|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-193/2020|2020-06-17|EPI_ISL_483635|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Romania/USAFSAM-S572/2020|2020-11-28|EPI_ISL_738346|Original|hCoV-19^^Romania|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania

>Spike|hCoV-19/England/QEUI-AD1253/2020|2020-10-26|EPI_ISL_633954|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW372/2020|2020-03-17|EPI_ISL_418939|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-5407/2020|2020-09-14|EPI_ISL_615339|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12DF1E/2020|2020-06-04|EPI_ISL_481985|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-C2901/2020|2020-06-19|EPI_ISL_528584|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Australia/VIC4225/2020|2020-07-18|EPI_ISL_519553|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC16498/2020|2020-08-09|EPI_ISL_640673|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUI-A0AC62/2020|2020-10-01|EPI_ISL_599336|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-166F64/2020|2020-06-27|EPI_ISL_494133|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20889/2020|2020-10-01|EPI_ISL_790927|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-CZB-14962/2020|2020-11-18|EPI_ISL_738710|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0114/2020|2020-04-18|EPI_ISL_515385|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/BIRM-6A4BD/2020|2020-11-09|EPI_ISL_679063|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-9622FE/2020|2020-08-10|EPI_ISL_531804|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9DDF7F/2020|2020-09-21|EPI_ISL_599633|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/CHRF-0030/2020|2020-06-11|EPI_ISL_477139|Original|hCoV-19^^Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/USA/WI-UW-107/2020|2020-03-31|EPI_ISL_425164|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-21738/2020|2020-12-21|EPI_ISL_757714|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-21F646/2020|2020-12-09|EPI_ISL_725036|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42202622/2020|2020-03-22|EPI_ISL_418438|Original|hCoV-19^^Basel|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Japan/PG-4393/2020|2020-07-00|EPI_ISL_691743|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A2E70D/2020|2020-10-05|EPI_ISL_586913|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E1D8D/2020|2020-09-20|EPI_ISL_581258|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200677/2020|2020-11-30|EPI_ISL_753200|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-21916/2020|2020-12-21|EPI_ISL_758092|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-491176/2020|2020-11-12|EPI_ISL_706619|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49CB31/2020|2020-12-10|EPI_ISL_742648|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C588BA/2020|2020-12-14|EPI_ISL_736097|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9D0880/2020|2020-09-16|EPI_ISL_589870|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG668404/2020|2020-04-20|EPI_ISL_696307|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12557/2020|2020-09-29|EPI_ISL_790390|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A1D455/2020|2020-10-03|EPI_ISL_595058|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/CVR3732/2020|2020-05-09|EPI_ISL_473770|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EC65/2020|2020-10-03|EPI_ISL_585843|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4623/2020|2020-09-21|EPI_ISL_621292|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-10028/2020|2020-05-15|EPI_ISL_672193|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-498D6C/2020|2020-12-03|EPI_ISL_727205|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-22921/2020|2020-09-28|EPI_ISL_660864|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-22273/2020|2020-12-14|EPI_ISL_758648|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14166/2020|2020-11-30|EPI_ISL_711073|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-A20D90/2020|2020-10-01|EPI_ISL_599054|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/JUN-INS-131/2020|2020-04-01|EPI_ISL_536528|Original|hCoV-19^^Junin|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/England/20122018002/2020|2020-03-16|EPI_ISL_465743|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LCST-24D6C8D/2020|2020-06-09|EPI_ISL_478338|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Finland/21A20S7/2020|2020-04-21|EPI_ISL_481608|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/South Africa/KRISP-K002614/2020|2020-07-30|EPI_ISL_535478|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-9D7E3C/2020|2020-09-17|EPI_ISL_576635|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8579/2020|2020-00-00|EPI_ISL_740829|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-12969/2020|2020-08-28|EPI_ISL_788121|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/IL-UW-542/2020|2020-06-23|EPI_ISL_484917|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Uganda/UG074/2020|2020-08-24|EPI_ISL_737943|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/Scotland/GCVR-171546/2020|2020-03-27|EPI_ISL_489697|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-

University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/20099079106/2020|2020-03-01|EPI_ISL_415130|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Japan/PG-8027/2020|2020-08-00|EPI_ISL_687128|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/TX-HMH-5776/2020|2020-06-30|EPI_ISL_547007|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-ALSR-4451/2020|2020-07-08|EPI_ISL_649037|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/South Africa/Tygerberg_325_CC2/2020|2020-10-09|EPI_ISL_660133|Original|hCoV-19^^Western Cape|Human|Lancet|National Health Laboratory Service (NHLS)|de Oliveira|South Africa
>Spike|hCoV-19/England/QEUA-AE4F83/2020|2020-10-27|EPI_ISL_633232|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-485148/2020|2020-10-23|EPI_ISL_628151|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Scotland/QEUA-B0DB07/2020|2020-11-02|EPI_ISL_649532|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-03123/2020|2020-05-06|EPI_ISL_575260|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Wales/PHWC-164A65/2020|2020-05-19|EPI_ISL_479339|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS6357507/2020|2020-12-26|EPI_ISL_771047|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/ALDP-BB9DD7/2020|2020-11-20|EPI_ISL_701689|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC1511/2020|2020-05-01|EPI_ISL_456476|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/Luxembourg/LNS7532467/2020|2020-10-25|EPI_ISL_744584|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Spain/CE-ISCI-2016511/2020|2020-10-14|EPI_ISL_691692|Original|hCoV-19^^Ceuta|Human|Hospital Universitario de Ceuta|Instituto de Salud Carlos III|Caballero|Spain
>Spike|hCoV-19/USA/OR-OHSU-2123/2020|2020-08-04|EPI_ISL_667121|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA
>Spike|hCoV-19/USA/WI-UW-1355/2020|2020-09-09|EPI_ISL_536726|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/ALDP-9D98A5/2020|2020-09-18|EPI_ISL_576766|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/WA-UW-114/2020|2020-03-06|EPI_ISL_476903|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/LA-BIE-075/2020|2020-04-04|EPI_ISL_436943|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-360267/2020|2020-11-08|EPI_ISL_729234|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORT-292854/2020|2020-05-30|EPI_ISL_489121|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2BD3/2020|2020-09-10|EPI_ISL_566577|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020617022/2020|2020-12-12|EPI_ISL_751837|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-33-5/2020|2020-08-17|EPI_ISL_577767|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Brazil/SP-262/2020|2020-04-22|EPI_ISL_524466|Original|hCoV-19^^S\u00e3o Paulo|Human|PS Municipal Dr Lauro Ribas Braga|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Wales/PHWC-491D63/2020|2020-11-12|EPI_ISL_706775|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-C33EE0/2020|2020-12-11|EPI_ISL_734017|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28C7D8/2020|2020-05-16|EPI_ISL_469326|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15861/2020|2020-07-10|EPI_ISL_785545|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-17962/2020|2020-11-16|EPI_ISL_786110|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-DAD08/2020|2020-11-14|EPI_ISL_724703|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5834/2020|2020-09-28|EPI_ISL_621021|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-26F61/2020|2020-03-28|EPI_ISL_422214|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3FBB1/2020|2020-11-08|EPI_ISL_658591|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4701723/2020|2020-11-12|EPI_ISL_740528|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-11872/2020|2020-10-26|EPI_ISL_671190|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS7228271/2020|2020-11-04|EPI_ISL_744539|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-13885/2020|2020-08-11|EPI_ISL_739163|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/NM-UNM-00661/2020|2020-06-29|EPI_ISL_560329|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/ALDP-9E6939/2020|2020-09-24|EPI_ISL_580496|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6A3A1/2020|2020-11-09|EPI_ISL_679049|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-0230/2020|2020-03-14|EPI_ISL_479926|Original|hCoV-19^^Kansai|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ecuador/UEES-HE134/2020|2020-00-00|EPI_ISL_671981|Original|hCoV-19^^Ecuador|Human|UEES BioLab|Omics Sciences Laboratory|Fernandez Cadena|Ecuador

>Spike|hCoV-19/USA/CA-CHLA-PLM32957810/2020|2020-11-09|EPI_ISL_753297|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-6761B1/2020|2020-07-03|EPI_ISL_558080|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009380/2020|2020-05-14|EPI_ISL_524972|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR3467/2020|2020-05-11|EPI_ISL_478070|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1681/2020|2020-09-11|EPI_ISL_605554|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/UT-08301/2020|2020-05-19|EPI_ISL_524098|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-C60F50/2020|2020-12-13|EPI_ISL_769332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00214634/2020|2020-03-12|EPI_ISL_535730|Original|hCoV-19^^Quebec|Human|CHUM - Microbiologie - H\u00f4pital Saint-Luc|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Finland/9LS7BD8/2020|2020-10-09|EPI_ISL_755960|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/NORT-29DB41/2020|2020-05-07|EPI_ISL_484308|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-3007/2020|2020-04-00|EPI_ISL_691131|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B08692/2020|2020-10-29|EPI_ISL_643806|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD5987/2020|2020-10-26|EPI_ISL_633722|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12225/2020|2020-07-22|EPI_ISL_591934|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-11919/2020|2020-06-24|EPI_ISL_570480|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B75DB9/2020|2020-11-12|EPI_ISL_723704|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-8386/2020|2020-07-00|EPI_ISL_687485|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204590444/2020|2020-11-06|EPI_ISL_683494|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WY-WYPHL-00025/2020|2020-03-24|EPI_ISL_462918|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/Denmark/DCGC-5506/2020|2020-09-21|EPI_ISL_620831|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CN-IBV-002598/2020|2020-03-15|EPI_ISL_474914|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/India/GJ-GBRC101/2020|2020-04-28|EPI_ISL_450790|Original|hCoV-19^^Gujarat|Human|Pandit Deendayal Upadhyay Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUEH-9D3304/2020|2020-09-18|EPI_ISL_577324|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/NSW36/2020|2020-03-10|EPI_ISL_417394|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Eden|Australia

>Spike|hCoV-19/England/CAMC-94956D/2020|2020-07-16|EPI_ISL_556808|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA97293/2020|2020-10-29|EPI_ISL_640001|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Scotland/EDB5070/2020|2020-04-24|EPI_ISL_456962|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Portugal/PT0440/2020|2020-03-23|EPI_ISL_454164|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-8308/2020|2020-10-26|EPI_ISL_617311|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/MILK-9E1E4E/2020|2020-09-20|EPI_ISL_581272|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-52284/2020|2020-07-02|EPI_ISL_534234|Original|hCoV-19^^Stockholm|Human|Karolinska universitetslaboratoriet SOLNA|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Norway/5060/2020|2020-10-29|EPI_ISL_635087|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/MI-MDHHS-SC21872/2020|2020-04-14|EPI_ISL_565933|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-49C612/2020|2020-12-10|EPI_ISL_742582|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-4887DA/2020|2020-05-13|EPI_ISL_559664|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5775/2020|2020-09-28|EPI_ISL_620962|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A41090/2020|2020-10-06|EPI_ISL_609489|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC606/2020|2020-04-03|EPI_ISL_444723|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-871433/2020|2020-07-17|EPI_ISL_557508|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-165/2020|2020-10-12|EPI_ISL_634882|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/WI-UW-1990/2020|2020-09-22|EPI_ISL_677398|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-B1BBE8/2020|2020-11-01|EPI_ISL_645815|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2909/2020|2020-08-03|EPI_ISL_635731|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Poland/1154951/2020|2020-06-07|EPI_ISL_512300|Original|hCoV-19^^Pomorskie|Human|Hematology Laboratory|Department of Virology|Smura|Poland

>Spike|hCoV-19/England/NOTT-1109B6/2020|2020-04-30|EPI_ISL_441881|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/CVR2975/2020|2020-04-22|EPI_ISL_448215|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13061/2020|2020-11-30|EPI_ISL_712560|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C582DA/2020|2020-12-13|EPI_ISL_735954|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL193/2020|2020-07-27|EPI_ISL_574327|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/QEUAH-AD668F/2020|2020-10-26|EPI_ISL_649729|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68E8A/2020|2020-10-12|EPI_ISL_608435|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1385/2020|2020-05-12|EPI_ISL_509686|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/FL-BPHL-1707/2020|2020-09-30|EPI_ISL_613756|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-420165/2020|2020-12-18|EPI_ISL_768260|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC16178/2020|2020-08-03|EPI_ISL_640457|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0321/2020|2020-03-15|EPI_ISL_454037|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Thailand/NIH-2982-2/2020|2020-03-18|EPI_ISL_434708|Original|hCoV-19^^Thailand|Human|unknown|National Institute of Health. Department of medical Sciences|Okada|Thailand

>Spike|hCoV-19/Denmark/DCGC-5382/2020|2020-09-14|EPI_ISL_615313|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10086/2020|2020-04-04|EPI_ISL_424644|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-CZB-14883/2020|2020-11-24|EPI_ISL_738669|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/FL-BPHL-0189/2020|2020-04-03|EPI_ISL_480840|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Canada/MB-NML-1077/2020|2020-08-04|EPI_ISL_582429|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/CA-CZB-5710/2020|2020-07-27|EPI_ISL_672388|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-540C83/2020|2020-05-13|EPI_ISL_532227|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009194/2020|2020-05-31|EPI_ISL_525177|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-81429/2020|2020-04-10|EPI_ISL_442583|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BL-42229815/2020|2020-04-13|EPI_ISL_581699|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Spain/GA-USC-002/2020|2020-05-11|EPI_ISL_468332|Original|hCoV-19^^Galicia|Human|Microbiology Service|Genomes & Disease|Garcia-Souto|Spain

>Spike|hCoV-19/USA/TX-HMH-5980/2020|2020-06-30|EPI_ISL_547141|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/IB-IBV-99007209/2020|2020-05-28|EPI_ISL_541956|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-A649F6/2020|2020-10-10|EPI_ISL_609131|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20737/2020|2020-04-29|EPI_ISL_471758|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-A58218/2020|2020-10-09|EPI_ISL_597070|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/301/2020|2020-04-06|EPI_ISL_462419|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-1415/2020|2020-04-16|EPI_ISL_542709|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18924/2020|2020-12-07|EPI_ISL_748642|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CT-UW-651/2020|2020-03-13|EPI_ISL_476916|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NOTT-10EF6E/2020|2020-03-30|EPI_ISL_432947|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-AA3472/2020|2020-10-22|EPI_ISL_624024|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UN-UW-1292/2020|2020-03-16|EPI_ISL_422979|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-9BDFEE/2020|2020-09-10|EPI_ISL_568077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hangzhou/HZCDC0167/2020|2020-01-23|EPI_ISL_421223|Original|hCoV-19^^Hangzhou|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China

>Spike|hCoV-19/USA/VA-DCLS-2399/2020|2020-11-16|EPI_ISL_734170|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-B1C349/2020|2020-11-01|EPI_ISL_645588|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2673/2020|2020-06-01|EPI_ISL_545467|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204221523/2020|2020-00-00|EPI_ISL_593844|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A20E51/2020|2020-10-01|EPI_ISL_599060|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14913/2020|2020-10-14|EPI_ISL_786397|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1080/2020|2020-03-27|EPI_ISL_511627|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Germany/HH-hpi-p1302/2020|2020-03-20|EPI_ISL_775866|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-BB1DC0/2020|2020-11-18|EPI_ISL_720370|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB032/2020|2020-03-12|EPI_ISL_425838|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6112/2020|2020-08-31|EPI_ISL_621146|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19325/2020|2020-12-07|EPI_ISL_748882|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-22978/2020|2020-08-10|EPI_ISL_570741|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/ALDP-B1A1E7/2020|2020-11-01|EPI_ISL_710911|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/057/2020|2020-07-07|EPI_ISL_492992|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Wales/PHWC-2EE02/2020|2020-04-07|EPI_ISL_446158|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/205082082/2020|2020-12-08|EPI_ISL_733589|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Lackenby|United Kingdom

>Spike|hCoV-19/Sweden/20-22282/2020|2020-09-17|EPI_ISL_654897|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-BCAB9D/2020|2020-11-23|EPI_ISL_703307|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B20AA7/2020|2020-11-01|EPI_ISL_647739|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2CAE7/2020|2020-11-02|EPI_ISL_646465|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0635/2020|2020-04-06|EPI_ISL_475934|Original|hCoV-19^^Austria|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Russia/ALT-RII-MH2761S/2020|2020-09-22|EPI_ISL_602434|Original|hCoV-19^^Altai K|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMB-71CBB/2020|2020-03-30|EPI_ISL_439947|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6911/2020|2020-10-12|EPI_ISL_619757|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A1243/2020|2020-12-08|EPI_ISL_743642|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-10191260/2020|2020-10-19|EPI_ISL_735171|Original|hCoV-19^^Oostende|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/BRIS-18544AC/2020|2020-04-29|EPI_ISL_492325|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2658/2020|2020-05-05|EPI_ISL_522441|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUA-9FAE9D/2020|2020-09-28|EPI_ISL_588270|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9993EC/2020|2020-08-24|EPI_ISL_541824|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205181947/2020|2020-12-17|EPI_ISL_766495|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR5607/2020|2020-11-02|EPI_ISL_650789|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-1233D0/2020|2020-04-06|EPI_ISL_442711|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15FF6E/2020|2020-05-25|EPI_ISL_472875|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-18791/2020|2020-09-04|EPI_ISL_547785|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Spain/AN-IBV-001895/2020|2020-03-15|EPI_ISL_452453|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e1diz - INIBICA|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-2742/2020|2020-08-17|EPI_ISL_616487|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/LU-ETHZ-380328/2020|2020-11-26|EPI_ISL_721828|Original|hCoV-19^^Lucerne|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/ULG-10063/2020|2020-04-05|EPI_ISL_424665|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/United Arab Emirates/0797/2020|2020-05-19|EPI_ISL_698937|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMB-797C1/2020|2020-04-02|EPI_ISL_441217|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-632/2020|2020-06-28|EPI_ISL_491326|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-1637/2020|2020-03-00|EPI_ISL_685243|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/TBSD-2488E48/2020|2020-04-26|EPI_ISL_482067|Original|hCoV-19^^England|Human|The Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG408151/2020|2020-06-15|EPI_ISL_694904|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-18955/2020|2020-12-07|EPI_ISL_748663|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_27180562/2020|2020-03-00|EPI_ISL_463261|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/204742181/2020|2020-00-00|EPI_ISL_660551|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2448/2020|2020-04-19|EPI_ISL_775687|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-97080A/2020|2020-08-17|EPI_ISL_553080|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1416/2020|2020-03-30|EPI_ISL_622440|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-2844/2020|2020-07-24|EPI_ISL_635710|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NOTT-121805/2020|2020-12-21|EPI_ISL_764497|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1773/2020|2020-07-29|EPI_ISL_613878|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21603/2020|2020-03-27|EPI_ISL_516330|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001304/2020|2020-11-10|EPI_ISL_683909|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-99C6C2/2020|2020-08-30|EPI_ISL_550788|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38E19/2020|2020-11-02|EPI_ISL_650667|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B20209/2020|2020-11-03|EPI_ISL_647537|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21243/2020|2020-04-04|EPI_ISL_507498|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/OR-OHSU-2551/2020|2020-08-19|EPI_ISL_667248|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/France/PDL-SC613/2020|2020-03-26|EPI_ISL_663259|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/TX-HMH-5307/2020|2020-06-25|EPI_ISL_544668|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC12352/2020|2020-09-13|EPI_ISL_563553|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-4FA3DF/2020|2020-06-24|EPI_ISL_559213|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18239/2020|2020-12-14|EPI_ISL_749367|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A67EC7/2020|2020-10-12|EPI_ISL_608414|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2111/2020|2020-04-10|EPI_ISL_493772|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/NGY-NNH-053/2020|2020-10-12|EPI_ISL_637019|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/USA/CA-CZB-13034/2020|2020-05-14|EPI_ISL_672314|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/UT-02949/2020|2020-04-30|EPI_ISL_513698|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Spain/RI-IBV-005988/2020|2020-03-24|EPI_ISL_500422|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-B3290F/2020|2020-11-05|EPI_ISL_659702|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B6E0/2020|2020-04-03|EPI_ISL_441654|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD31CD/2020|2020-10-26|EPI_ISL_633819|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B6F4F/2020|2020-09-04|EPI_ISL_590553|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9A4023/2020|2020-09-01|EPI_ISL_540167|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah06/2020|2020-03-23|EPI_ISL_437462|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/NORW-EEBBC/2020|2020-00-00|EPI_ISL_529526|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20549/2020|2020-12-14|EPI_ISL_790636|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-2786/2020|2020-08-24|EPI_ISL_616621|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-22562/2020|2020-12-14|EPI_ISL_757457|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BY-MVP-0095/2020|2020-04-03|EPI_ISL_437287|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Wales/PHWC-35DED/2020|2020-04-27|EPI_ISL_474572|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Uruguay/UY-NYUMC861/2020|2020-03-25|EPI_ISL_457957|Original|hCoV-19^^Montevideo|Human|Laboratorio de Biología Molecular Asociada Espaflora Primera en Salud|Departments of Pathology and Medicine|Maurano|Uruguay

>Spike|hCoV-19/Australia/VIC11943/2020|2020-08-04|EPI_ISL_591900|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-0144/2020|2020-04-17|EPI_ISL_437782|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-B7CBB8/2020|2020-11-14|EPI_ISL_741809|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/BB-ChVir-D935-7207/2020|2020-03-13|EPI_ISL_753814|Original|hCoV-19^^Brandenburg|Human|Charit Universit Medizin Berlin|Charit Universit Medizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/New Zealand/20CV0057/2020|2020-08-14|EPI_ISL_547971|Original|hCoV-19^^Auckland|Human|LabTests|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Spain/AR-ISCI-201781/2020|2020-03-08|EPI_ISL_578193|Original|hCoV-19^^Aragon|Human|Hospital Universitario Miguel Servet|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/QEUEH-5EA18C/2020|2020-06-16|EPI_ISL_533341|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10263/2020|2020-08-28|EPI_ISL_562846|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-13656/2020|2020-08-20|EPI_ISL_788758|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-1791/2020|2020-05-13|EPI_ISL_512187|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Portugal/PT0722/2020|2020-03-27|EPI_ISL_510981|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/South Africa/KRISP-K003691/2020|2020-10-03|EPI_ISL_602873|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMB-1AFFAB/2020|2020-05-07|EPI_ISL_448092|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20960/2020|2020-12-28|EPI_ISL_790984|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/CVR2187/2020|2020-04-11|EPI_ISL_477870|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F1019125/2020|2020-10-29|EPI_ISL_708438|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Ireland/D-NVRL-73IRL37632/2020|2020-09-16|EPI_ISL_578273|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-31455/2020|2020-04-12|EPI_ISL_446448|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9DE424/2020|2020-09-21|EPI_ISL_599690|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB3CC1/2020|2020-11-19|EPI_ISL_701746|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CB0364/2020|2020-12-03|EPI_ISL_761079|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0213/2020|2020-11-16|EPI_ISL_747448|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/CA-SEARCH-5331/2020|2020-12-07|EPI_ISL_755150|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/PV-IBV-004265/2020|2020-04-07|EPI_ISL_500329|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/CN-IBV-97006496/2020|2020-03-27|EPI_ISL_537706|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ede|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/UN-CRCHUM-PreFreeze-1/2020|2020-09-04|EPI_ISL_667758|Original|hCoV-19^^Canada|Human|Microbiology|Microbiology|Benoit, P.|Canada

>Spike|hCoV-19/Oman/205036714/2020|2020-05-17|EPI_ISL_491984|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of \u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/Finland/13M33/2020|2020-03-13|EPI_ISL_418390|Original|hCoV-19^^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUA-B13A6B/2020|2020-11-02|EPI_ISL_641830|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2097/2020|2020-04-09|EPI_ISL_493767|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG371284/2020|2020-05-16|EPI_ISL_694543|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC12237/2020|2020-07-25|EPI_ISL_563546|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9D9605/2020|2020-09-18|EPI_ISL_576747|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0128/2020|2020-05-13|EPI_ISL_467480|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-7529/2020|2020-06-25|EPI_ISL_546823|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-3925/2020|2020-06-16|EPI_ISL_543284|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-WSLH-200024/2020|2020-04-15|EPI_ISL_471189|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/OXON-AC72F/2020|2020-04-07|EPI_ISL_448479|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-B13B0E/2020|2020-11-01|EPI_ISL_641782|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_24165067/2020|2020-03-00|EPI_ISL_463194|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-21943/2020|2020-12-21|EPI_ISL_758467|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9FD7BD/2020|2020-10-01|EPI_ISL_587750|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-McCoV-8462/2020|2020-07-01|EPI_ISL_780574|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B7C3FC/2020|2020-11-13|EPI_ISL_668383|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9F038/2020|2020-11-18|EPI_ISL_719874|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B6A55/2020|2020-10-08|EPI_ISL_612266|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-A65DCC/2020|2020-10-11|EPI_ISL_637654|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-B68AFE/2020|2020-11-11|EPI_ISL_655087|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99007240/2020|2020-03-04|EPI_ISL_541962|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Norway/6575/2020|2020-12-06|EPI_ISL_775397|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/South Africa/KRISP-K002880/2020|2020-09-04|EPI_ISL_602692|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-A79F38/2020|2020-10-15|EPI_ISL_606683|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200082/2020|2020-06-12|EPI_ISL_752649|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-20961/2020|2020-12-21|EPI_ISL_758787|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/MOW-RII-MH1982S/2020|2020-05-30|EPI_ISL_596327|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/WA_0440/2020|2020-03-19|EPI_ISL_426443|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-15727/2020|2020-11-23|EPI_ISL_713985|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-06-UMTL-A6U6/2020|2020-04-15|EPI_ISL_479771|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/USA/WI-WSLH-200092/2020|2020-03-23|EPI_ISL_471256|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMB-1BA4CC/2020|2020-11-13|EPI_ISL_664985|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-92D392/2020|2020-06-21|EPI_ISL_551443|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC9555/2020|2020-10-21|EPI_ISL_629340|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16C5C6/2020|2020-09-24|EPI_ISL_574071|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-104480/2020|2020-11-09|EPI_ISL_730640|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-20523/2020|2020-12-21|EPI_ISL_759201|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0526/2020|2020-07-13|EPI_ISL_498072|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/204481947/2020|2020-10-30|EPI_ISL_654004|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-997EDE/2020|2020-08-27|EPI_ISL_537161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498045/2020|2020-11-30|EPI_ISL_727015|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9E4379/2020|2020-09-22|EPI_ISL_579914|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0773/2020|2020-06-27|EPI_ISL_525896|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUEH-BA0034/2020|2020-11-18|EPI_ISL_719744|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17926/2020|2020-12-14|EPI_ISL_749648|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-12581/2020|2020-08-31|EPI_ISL_790407|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14472/2020|2020-10-08|EPI_ISL_787757|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/UGent-240/2020|2020-11-08|EPI_ISL_717626|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Portugal/PT1992/2020|2020-11-13|EPI_ISL_732214|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Denmark/ALAB-SSI-1249/2020|2020-03-11|EPI_ISL_444827|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Japan/PG-4949/2020|2020-08-00|EPI_ISL_690068|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-22186/2020|2020-08-06|EPI_ISL_570638|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Spain/PV-IBV-004252/2020|2020-04-06|EPI_ISL_500316|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/ON-S1496/2020|2020-08-28|EPI_ISL_755885|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Australia/VIC17165/2020|2020-08-15|EPI_ISL_663776|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MGH-01048/2020|2020-05-01|EPI_ISL_791854|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/CAMB-1AD1E3/2020|2020-04-28|EPI_ISL_447977|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WA-S1050/2020|2020-04-30|EPI_ISL_463540|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUA-B6C517/2020|2020-11-11|EPI_ISL_661429|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1485/2020|2020-12-16|EPI_ISL_754080|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-11546/2020|2020-09-11|EPI_ISL_790051|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-1260A47/2020|2020-04-04|EPI_ISL_516843|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1617/2020|2020-05-27|EPI_ISL_496043|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-7074/2020|2020-10-12|EPI_ISL_619125|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2009042404/2020|2020-09-03|EPI_ISL_710331|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-94F558/2020|2020-06-18|EPI_ISL_555953|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010094/2020|2020-03-26|EPI_ISL_779770|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u00b9|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC10342/2020|2020-07-30|EPI_ISL_562879|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-1956/2020|2020-04-00|EPI_ISL_685562|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NM-NMDOH-2020324222/2020|2020-09-02|EPI_ISL_632827|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Wales/PHWC-48D896/2020|2020-11-09|EPI_ISL_680692|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_09978786/2020|2020-04-00|EPI_ISL_467309|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Ireland/MN-NVRL-20G40665/2020|2020-04-01|EPI_ISL_671380|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/India/TG-CCMB-L1469/2020|2020-05-25|EPI_ISL_471600|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Australia/VIC15108/2020|2020-08-10|EPI_ISL_593139|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B994C9/2020|2020-11-15|EPI_ISL_673769|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C23C8F/2020|2020-12-06|EPI_ISL_733643|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC4F8/2020|2020-11-25|EPI_ISL_724513|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9C599A/2020|2020-09-10|EPI_ISL_567869|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11674/2020|2020-10-26|EPI_ISL_671060|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-88/2020|2020-04-05|EPI_ISL_425145|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21925/2020|2020-04-08|EPI_ISL_565985|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Japan/IC-0471/2020|2020-12-00|EPI_ISL_768680|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-488E4E/2020|2020-11-02|EPI_ISL_639507|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Norway/3906/2020|2020-09-23|EPI_ISL_590983|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/VA-DCLS-1186/2020|2020-07-29|EPI_ISL_528645|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/South Africa/KRISP-0583/2020|2020-07-09|EPI_ISL_498121|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Italy/TUS-UOS-8/2020|2020-03-20|EPI_ISL_591335|Original|hCoV-19^^Tuscany|Human|Dipartimento di Biotechnologie Mediche|Dipartimento di Biotechnologie Mediche|Cusi|Italy

>Spike|hCoV-19/England/ALDP-9FDA0F/2020|2020-10-02|EPI_ISL_588041|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCC0BA/2020|2020-11-27|EPI_ISL_704077|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH329/2020|2020-04-16|EPI_ISL_512914|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/WI-UW-2159/2020|2020-10-15|EPI_ISL_677563|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-2B913/2020|2020-04-08|EPI_ISL_445781|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7198949/2020|2020-10-07|EPI_ISL_744532|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/EDB6578/2020|2020-05-10|EPI_ISL_478260|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4683076/2020|2020-11-21|EPI_ISL_740523|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Germany/HH-hpi-p1919/2020|2020-03-25|EPI_ISL_776250|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/CVR2339/2020|2020-04-13|EPI_ISL_477909|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8300/2020|2020-07-07|EPI_ISL_784317|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-SR0310/2020|2020-03-21|EPI_ISL_445164|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/EXET-135EDA/2020|2020-04-10|EPI_ISL_457179|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr569/2020|2020-12-00|EPI_ISL_770548|Original|hCoV-19^^Jonavos apskritis|Human|Private lab|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Hong Kong/VM20076992/2020|2020-07-24|EPI_ISL_602605|Original|hCoV-19^^Hong Kong|Human|Pamela Youde Nethersole Eastern Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Wales/QEUEH-9C9EC4/2020|2020-09-09|EPI_ISL_567398|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5B94F6/2020|2020-06-18|EPI_ISL_558795|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8476/2020|2020-08-00|EPI_ISL_687575|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB2483/2020|2020-04-23|EPI_ISL_439221|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-4A94AF/2020|2020-06-09|EPI_ISL_559474|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-492852/2020|2020-11-30|EPI_ISL_725709|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1832/2020|2020-05-27|EPI_ISL_496258|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Chile/RM-ISPCH-53/2020|2020-04-01|EPI_ISL_449800|Original|hCoV-19^^Region Metropolitana de Santiago|Human|HOSPITAL SAN JUAN DE DIOS|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Netherlands/NH-EMC-86/2020|2020-09-02|EPI_ISL_632533|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-A2E06/2020|2020-05-19|EPI_ISL_499931|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1885/2020|2020-03-15|EPI_ISL_604240|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC4743/2020|2020-07-14|EPI_ISL_519131|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B65FD4/2020|2020-11-10|EPI_ISL_655947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-147/2020|2020-03-25|EPI_ISL_435717|Original|hCoV-19^^Connecticut|Human|Connecticut State Department of Public Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-19519/2020|2020-12-07|EPI_ISL_749005|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8D39E/2020|2020-11-13|EPI_ISL_673920|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489056/2020|2020-11-02|EPI_ISL_637971|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A688AA/2020|2020-10-12|EPI_ISL_608496|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3F498/2020|2020-11-08|EPI_ISL_658527|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B6C0/2020|2020-05-20|EPI_ISL_487610|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1699DC/2020|2020-07-18|EPI_ISL_512546|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-A23/2020|2020-11-24|EPI_ISL_755722|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Kazakhstan/26545/2020|2020-04-26|EPI_ISL_454591|Original|hCoV-19^^Nur-Sultan|Human|Laboratory of virology|Laboratory of molecular-genetic research|Abdaliyev|Kazakhstan

>Spike|hCoV-19/Australia/VIC6386/2020|2020-07-24|EPI_ISL_521178|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20189126801/2020|2020-04-28|EPI_ISL_465546|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1674/2020|2020-04-06|EPI_ISL_560761|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-HMH-2517/2020|2020-06-07|EPI_ISL_545353|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG305743/2020|2020-04-27|EPI_ISL_694262|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/PA-MGEL-00446/2020|2020-07-24|EPI_ISL_681934|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Spain/VC-IBV-98004469/2020|2020-03-24|EPI_ISL_583937|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/India/MH-NIV-229428/2020|2020-09-29|EPI_ISL_577682|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/United Arab Emirates/skmc-3904387/2020|2020-09-23|EPI_ISL_582684|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/United Arab Emirates/0596/2020|2020-05-15|EPI_ISL_698754|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/UT-08287/2020|2020-05-21|EPI_ISL_524086|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/QEUEH-9FB500/2020|2020-09-28|EPI_ISL_600607|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-72801/2020|2020-03-23|EPI_ISL_439597|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000034/2020|2020-03-09|EPI_ISL_631530|Original|hCoV-19^^New York|Human|New York Presbyterian Queens|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-2516/2020|2020-06-15|EPI_ISL_635521|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Denmark/DCGC-1527/2020|2020-06-08|EPI_ISL_618131|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B518FE/2020|2020-11-08|EPI_ISL_658171|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9934FE/2020|2020-08-26|EPI_ISL_552150|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BY-ChVir-W1121-5754/2020|2020-03-30|EPI_ISL_754028|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/United Arab Emirates/L2004035019/2020|2020-04-24|EPI_ISL_520672|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Switzerland/BS-UHB-42203425/2020|2020-03-23|EPI_ISL_528355|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Japan/PG-0966/2020|2020-04-00|EPI_ISL_684576|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-C34650/2020|2020-12-11|EPI_ISL_733959|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AE4C04/2020|2020-10-28|EPI_ISL_649664|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201380064/2020|2020-03-25|EPI_ISL_421816|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11392/2020|2020-11-02|EPI_ISL_670691|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/ALAB-HH-249/2020|2020-04-26|EPI_ISL_452087|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Australia/TAS48/2020|2020-04-05|EPI_ISL_522723|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A2DC2D/2020|2020-10-05|EPI_ISL_586927|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL076/2020|2020-05-08|EPI_ISL_451237|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/South Africa/KRISP-K003543/2020|2020-09-25|EPI_ISL_602859|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Norway/5545/2020|2020-11-06|EPI_ISL_708117|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Gibraltar/204841762/2020|2020-00-00|EPI_ISL_671328|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Ireland/D-NVRL-71IRL95850/2020|2020-07-31|EPI_ISL_525367|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/NORT-1B7A0C7/2020|2020-11-24|EPI_ISL_724954|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004306/2020|2020-10-05|EPI_ISL_660185|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Canada/QC-LSPQ-L00233527/2020|2020-03-23|EPI_ISL_536026|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Scotland/QEUH-9C9671/2020|2020-09-14|EPI_ISL_576066|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/430/2020|2020-03-20|EPI_ISL_424454|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/TX-HMH-MCoV-8173/2020|2020-06-30|EPI_ISL_784244|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Peru/LAM-INS-125/2020|2020-04-01|EPI_ISL_536523|Original|hCoV-19^^Lambayeque|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/USA/AZ-TG648633/2020|2020-04-27|EPI_ISL_695869|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Spain/MD-IBV-99008786/2020|2020-10-20|EPI_ISL_654248|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañ\u00f1|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-9C548A/2020|2020-09-10|EPI_ISL_567799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C8848/2020|2020-09-07|EPI_ISL_559922|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/VS-ETHZ-280217/2020|2020-09-10|EPI_ISL_560538|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-UW-1201/2020|2020-07-28|EPI_ISL_536574|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/GCVR-171E96/2020|2020-03-27|EPI_ISL_524569|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM81568971/2020|2020-11-30|EPI_ISL_753486|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/NORW-E8F7A/2020|2020-04-25|EPI_ISL_453569|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8696/2020|2020-07-01|EPI_ISL_780707|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B99DBF/2020|2020-11-15|EPI_ISL_673293|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0031/2020|2020-03-17|EPI_ISL_513443|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM06076230/2020|2020-11-02|EPI_ISL_753263|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/QEUEH-BCB491/2020|2020-11-26|EPI_ISL_704173|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9543/2020|2020-08-20|EPI_ISL_565595|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-A77FC1/2020|2020-10-14|EPI_ISL_613349|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-RML-1/2020|2020-04-20|EPI_ISL_641314|Original|hCoV-19^^Washington|Human|Rocky Mountain Laboratories|Rocky Mountain Laboratories|Matson|USA

>Spike|hCoV-19/England/LIVE-9C9B3/2020|2020-04-25|EPI_ISL_440927|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4428/2020|2020-06-17|EPI_ISL_543612|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CDE1B/2020|2020-09-16|EPI_ISL_566220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3799/2020|2020-07-27|EPI_ISL_561081|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Australia/NSW1108/2020|2020-08-11|EPI_ISL_593723|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WI-UW-1767/2020|2020-09-14|EPI_ISL_605640|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03675/2020|2020-11-00|EPI_ISL_775159|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/CA-ALSR-1242/2020|2020-05-05|EPI_ISL_494455|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-08576/2020|2020-05-26|EPI_ISL_524331|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-481FAC/2020|2020-04-30|EPI_ISL_559690|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12975/2020|2020-10-21|EPI_ISL_672292|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC9375/2020|2020-08-21|EPI_ISL_565528|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16DDCD/2020|2020-09-27|EPI_ISL_577535|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12652/2020|2020-11-16|EPI_ISL_682833|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11068/2020|2020-09-07|EPI_ISL_563230|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/DRC/299/2020|2020-03-20|EPI_ISL_420840|Original|hCoV-19^^Sud Kivu|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Pratt|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-BB1D66/2020|2020-11-18|EPI_ISL_720540|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2766/2020|2020-09-10|EPI_ISL_566478|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200236/2020|2020-04-13|EPI_ISL_578456|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUA-9DC875/2020|2020-09-21|EPI_ISL_580963|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B56835/2020|2020-11-05|EPI_ISL_656840|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8DDFA/2020|2020-11-13|EPI_ISL_674739|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12779/2020|2020-11-09|EPI_ISL_682960|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/VD-ETHZ-150017plus/2020|2020-06-08|EPI_ISL_483656|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-7926/2020|2020-07-00|EPI_ISL_687027|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9F26AC/2020|2020-09-25|EPI_ISL_589017|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0168/2020|2020-05-18|EPI_ISL_698355|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Netherlands/ZH-EMC-717/2020|2020-10-09|EPI_ISL_632564|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9E0D60/2020|2020-09-19|EPI_ISL_581035|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0196/2020|2020-05-26|EPI_ISL_515450|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/QEUEH-9C9E3D/2020|2020-09-10|EPI_ISL_567372|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0482/2020|2020-05-17|EPI_ISL_698650|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/20129059304/2020|2020-03-09|EPI_ISL_424055|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-960ABC/2020|2020-08-04|EPI_ISL_532133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-125A51/2020|2020-03-30|EPI_ISL_443924|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-7114/2020|2020-08-00|EPI_ISL_688219|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8690/2020|2020-10-26|EPI_ISL_625689|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5160/2020|2020-09-21|EPI_ISL_621698|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10CB11A/2020|2020-12-13|EPI_ISL_727900|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/UT-04225/2020|2020-05-15|EPI_ISL_522322|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/LA-EVTL597/2020|2020-06-30|EPI_ISL_579001|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Luxembourg/LNS2179748/2020|2020-11-07|EPI_ISL_740071|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Germany/SH-ChVir9987/2020|2020-11-03|EPI_ISL_729430|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/South Africa/KRISP-0033/2020|2020-04-01|EPI_ISL_467440|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-CZB-1845/2020|2020-04-26|EPI_ISL_486158|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/CAMB-81562/2020|2020-04-12|EPI_ISL_442863|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-C440B9/2020|2020-12-10|EPI_ISL_719345|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9DD5C8/2020|2020-09-21|EPI_ISL_599645|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BHRT-24B4177/2020|2020-08-24|EPI_ISL_541756|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20005737-2/2020|2020-03-25|EPI_ISL_539850|Original|hCoV-19^^Hong Kong|Human|Pok Oi Hospital|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/USA/FL-BPHL-0676/2020|2020-03-24|EPI_ISL_509734|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUH-AF5110/2020|2020-10-30|EPI_ISL_676473|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00496/2020|2020-11-03|EPI_ISL_717890|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/France/OCC-70/2020|2020-08-02|EPI_ISL_593884|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Mexico/BCN-ALSR-1485/2020|2020-04-28|EPI_ISL_496349|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/WA-S741/2020|2020-04-13|EPI_ISL_449911|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Belgium/ULG-10717/2020|2020-09-14|EPI_ISL_641559|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Australia/VIC-CBA1/2020|2020-03-23|EPI_ISL_420855|Original|hCoV-19^^Victoria|Human|Geelong Centre for Emerging Infectious Diseases|Geelong Centre for Emerging Infectious Diseases|Alexandersen|Australia

>Spike|hCoV-19/Russia/Moscow-71602/2020|2020-03-19|EPI_ISL_428877|Vero|hCoV-19^^Moscow Region|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Japan/PG-7636/2020|2020-08-00|EPI_ISL_686738|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/GSTT-4522/2020|2020-03-13|EPI_ISL_561374|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/England/NORT-1B72B91/2020|2020-12-06|EPI_ISL_724916|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/NOTT-114FDE/2020|2020-10-12|EPI_ISL_584786|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/NSW224/2020|2020-03-29|EPI_ISL_451490|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/CA-CZB-13927/2020|2020-08-05|EPI_ISL_739262|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMC-A80CBF/2020|2020-10-13|EPI_ISL_610709|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-UW-5754/2020|2020-04-05|EPI_ISL_430919|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/LA-EVTL405/2020|2020-06-04|EPI_ISL_578811|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Singapore/96/2020|2020-03-18|EPI_ISL_443188|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/SHEF-CEF2F/2020|2020-09-04|EPI_ISL_559937|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORW-E8F2F/2020|2020-04-28|EPI_ISL_461814|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-7DCBF/2020|2020-04-06|EPI_ISL_441681|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5224/2020|2020-09-21|EPI_ISL_620762|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9DA5AD/2020|2020-09-22|EPI_ISL_601341|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20326/2020|2020-11-16|EPI_ISL_748115|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A598CA/2020|2020-10-09|EPI_ISL_597222|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/BRE-5336/2020|2020-03-18|EPI_ISL_443268|Original|hCoV-19^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Australia/VIC15282/2020|2020-08-05|EPI_ISL_593233|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2D1F27/2020|2020-04-06|EPI_ISL_499297|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-B3D88F/2020|2020-11-02|EPI_ISL_706239|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/LS-NVRL-20Z06375/2020|2020-04-16|EPI_ISL_681898|Original|hCoV-19^^Laois|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/LA-SR0271/2020|2020-03-31|EPI_ISL_445126|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A2FCEF/2020|2020-10-06|EPI_ISL_587160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B23C26/2020|2020-11-04|EPI_ISL_646313|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CD89E/2020|2020-03-28|EPI_ISL_432549|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11883/2020|2020-09-30|EPI_ISL_672089|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-AF4D68/2020|2020-10-30|EPI_ISL_662892|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13541/2020|2020-08-21|EPI_ISL_788663|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS8157144/2020|2020-10-21|EPI_ISL_744690|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-5584/2020|2020-08-00|EPI_ISL_688709|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/BC_01468719/2020|2020-04-00|EPI_ISL_466709|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-11984/2020|2020-09-15|EPI_ISL_790155|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9A3E4/2020|2020-04-16|EPI_ISL_440861|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201008983/2020|2020-06-23|EPI_ISL_602948|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-BCBE39/2020|2020-11-27|EPI_ISL_704035|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1137/2020|2020-08-17|EPI_ISL_526623|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-B38392/2020|2020-11-01|EPI_ISL_658937|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DA06/2020|2020-12-07|EPI_ISL_742862|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH5-240/2020|2020-02-04|EPI_ISL_454981|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/WI-GMF-30231/2020|2020-10-30|EPI_ISL_661028|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/LEED-2A883D/2020|2020-03-27|EPI_ISL_539054|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009185/2020|2020-09-16|EPI_ISL_671833|Original|hCoV-19^^Catalunya|Human|Hospital de la Santa Creu i Sant Pau. Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-A3F9E5/2020|2020-10-06|EPI_ISL_609735|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2027/2020|2020-11-23|EPI_ISL_732243|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/CAMB-8383A/2020|2020-04-15|EPI_ISL_443683|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1306/2020|2020-03-17|EPI_ISL_571961|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-750D9/2020|2020-03-15|EPI_ISL_440433|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A8542B/2020|2020-10-17|EPI_ISL_610507|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7FE3F/2020|2020-04-19|EPI_ISL_444422|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-9C8C34/2020|2020-09-10|EPI_ISL_567087|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48852B/2020|2020-10-30|EPI_ISL_639403|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-123CA8/2020|2020-04-07|EPI_ISL_492801|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1DFCC/2020|2020-11-02|EPI_ISL_723556|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Hungary/UD-90341/2020|2020-10-04|EPI_ISL_671461|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/England/LIVE-9F5CB/2020|2020-05-12|EPI_ISL_457266|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/France/ARA-12524/2020|2020-03-23|EPI_ISL_420609|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/India/TG-CCMB-J230/2020|2020-04-01|EPI_ISL_447572|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/20149011904/2020|2020-04-03|EPI_ISL_466151|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-4ACFE7/2020|2020-06-14|EPI_ISL_559436|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132024904/2020|2020-03-23|EPI_ISL_423759|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F3C0/2020|2020-10-14|EPI_ISL_607958|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC1/2020|2020-04-05|EPI_ISL_426414|Original|hCoV-19^^Gujarat|Human|Sir M P Shah Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/France/ARA-SC115/2020|2020-04-13|EPI_ISL_700379|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-ACF1C4/2020|2020-10-22|EPI_ISL_629612|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C737CB/2020|2020-12-15|EPI_ISL_769202|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5221/2020|2020-10-17|EPI_ISL_626841|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NOTT-10EDBF/2020|2020-03-28|EPI_ISL_432924|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4205/2020|2020-06-19|EPI_ISL_543436|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC8012/2020|2020-08-14|EPI_ISL_564802|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2009477/2020|2020-07-19|EPI_ISL_605161|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LCST-24D6DE4/2020|2020-06-11|EPI_ISL_484238|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-350107/2020|2020-11-02|EPI_ISL_693807|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-2675/2020|2020-08-17|EPI_ISL_617896|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-282089-01/2020|2020-12-01|EPI_ISL_754403|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Gambia/GC192789/2020|2020-07-22|EPI_ISL_561145|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/201060017/2020|2020-03-04|EPI_ISL_464362|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7D99A/2020|2020-04-07|EPI_ISL_441750|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B08CAF/2020|2020-10-30|EPI_ISL_643639|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B82548/2020|2020-11-14|EPI_ISL_661940|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3900/2020|2020-07-00|EPI_ISL_692151|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW629/2020|2020-07-07|EPI_ISL_490038|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Peru/LIM-UPCH-0112/2020|2020-06-18|EPI_ISL_540989|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/20102115303/2020|2020-03-01|EPI_ISL_417219|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/PA-QDX-2437/2020|2020-03-14|EPI_ISL_604837|Original|hCoV-19^^Pennsylvania|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUH-AF15AF/2020|2020-10-28|EPI_ISL_665503|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-C3DE6E/2020|2020-12-10|EPI_ISL_730695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-945015/2020|2020-07-12|EPI_ISL_556938|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-PODV-15934816/2020|2020-08-23|EPI_ISL_788953|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/Scotland/QEUH-96DE2C/2020|2020-08-21|EPI_ISL_534601|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1652A8/2020|2020-05-29|EPI_ISL_479444|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4418/2020|2020-07-17|EPI_ISL_519714|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-WSLH-200150/2020|2020-03-13|EPI_ISL_578377|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-109/2020|2020-06-07|EPI_ISL_475172|Original|hCoV-19^^Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Scotland/EDB8783/2020|2020-10-26|EPI_ISL_651996|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14672/2020|2020-11-23|EPI_ISL_711156|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12722A/2020|2020-04-24|EPI_ISL_469655|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08127/2020|2020-03-09|EPI_ISL_455902|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/MILK-A56247/2020|2020-10-09|EPI_ISL_595142|Original|hCoV-19^^Wales|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-109/2020|2020-03-27|EPI_ISL_751413|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Chile/RM-190581/2020|2020-09-25|EPI_ISL_746743|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/CAMC-B0AC43/2020|2020-10-30|EPI_ISL_643564|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B202DC/2020|2020-11-02|EPI_ISL_647575|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A8EB5A/2020|2020-10-19|EPI_ISL_650625|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Bangladesh/G-194/2020|2020-07-05|EPI_ISL_600527|Original|hCoV-19^^Barishal|Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19/Belgium/ULG-10321/2020|2020-07-29|EPI_ISL_540488|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/India/DL-NCDC-01537/2020|2020-03-16|EPI_ISL_435061|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC) |NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Wales/PHWC-498C6F/2020|2020-11-25|EPI_ISL_727193|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0295/2020|2020-05-17|EPI_ISL_698474|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-4461/2020|2020-06-17|EPI_ISL_543638|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12B129/2020|2020-05-08|EPI_ISL_469809|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012861567/2020|2020-08-03|EPI_ISL_745740|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/204261306/2020|2020-10-15|EPI_ISL_613586|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-948B5D/2020|2020-07-16|EPI_ISL_556764|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC93F1/2020|2020-10-21|EPI_ISL_630049|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22061/2020|2020-09-28|EPI_ISL_583518|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Israel/CVL-n-6735/2020|2020-04-09|EPI_ISL_474977|Original|hCoV-19^^Bat-Yam|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Denmark/DCGC-1887/2020|2020-03-30|EPI_ISL_622551|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B22498/2020|2020-11-03|EPI_ISL_647123|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/CRIE4990266/2020|2020-07-16|EPI_ISL_610233|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Samoilov|Russia

>Spike|hCoV-19/USA/IL-UW-979/2020|2020-07-19|EPI_ISL_509804|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/OR-PROV-007/2020|2020-04-07|EPI_ISL_482296|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/India/GJ-GBRC239/2020|2020-06-11|EPI_ISL_483820|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/BRIS-18540D5/2020|2020-04-28|EPI_ISL_492367|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5509035/2020|2020-11-18|EPI_ISL_744244|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/WA156/2020|2020-07-12|EPI_ISL_596719|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/MILK-9D4F3C/2020|2020-09-19|EPI_ISL_601526|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62B00/2020|2020-11-09|EPI_ISL_656636|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0219/2020|2020-03-16|EPI_ISL_438053|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Portugal/IGC4228/2020|2020-06-03|EPI_ISL_491237|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/USA/AK-PHL038/2020|2020-03-22|EPI_ISL_492087|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1016/2020|2020-06-17|EPI_ISL_512887|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Chile/RM-ISPCH-38/2020|2020-03-17|EPI_ISL_445317|Original|hCoV-19^^Region Metropolitana de Santiago|Human|UNIV.DE CHILE HOSP.CLINICO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/USA/UT-QDX-2580/2020|2020-03-13|EPI_ISL_604964|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/QEUAH-9CFF8F/2020|2020-09-14|EPI_ISL_590001|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79CFF/2020|2020-04-02|EPI_ISL_441306|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-2052/2020|2020-04-00|EPI_ISL_685657|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/BRE-2351/2020|2020-03-07|EPI_ISL_416513|Original|hCoV-19^^Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Ireland/D-NVRL-20ILR10860/2020|2020-11-23|EPI_ISL_732392|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-CZB-14016/2020|2020-06-07|EPI_ISL_739100|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Finland/9A800S11A/2020|2020-04-09|EPI_ISL_481738|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Germany/HH-hpi-p1443/2020|2020-03-11|EPI_ISL_775962|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-5855/2020|2020-09-28|EPI_ISL_621042|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7B1D0/2020|2020-04-12|EPI_ISL_433930|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0357/2020|2020-05-16|EPI_ISL_698532|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUAH-96A5EE/2020|2020-08-13|EPI_ISL_531559|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1265/2020|2020-03-19|EPI_ISL_511226|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de

Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/DRC/11041/2020|2020-05-24|EPI_ISL_527555|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Scotland/QEUIH-96D0F9/2020|2020-08-20|EPI_ISL_534614|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12E8494/2020|2020-12-04|EPI_ISL_741312|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/AZ-TG519155/2020|2020-06-30|EPI_ISL_695358|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20538/2020|2020-11-17|EPI_ISL_728753|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Japan/IC-0504/2020|2020-12-00|EPI_ISL_768713|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B1AA0A/2020|2020-11-01|EPI_ISL_647560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20879/2020|2020-12-21|EPI_ISL_759424|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW240/2020|2020-03-14|EPI_ISL_417454|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUIH-9B899A/2020|2020-09-07|EPI_ISL_549550|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1440/2020|2020-09-11|EPI_ISL_541572|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-UW-23467/2020|2020-08-10|EPI_ISL_576458|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-21713/2020|2020-12-21|EPI_ISL_757914|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC2917/2020|2020-07-07|EPI_ISL_521748|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC7492/2020|2020-07-24|EPI_ISL_564445|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-GMF-20273/2020|2020-09-14|EPI_ISL_547860|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUIH-B119D9/2020|2020-11-02|EPI_ISL_642395|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D4B1/2020|2020-03-19|EPI_ISL_483966|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2127/2020|2020-12-14|EPI_ISL_743849|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-01153/2020|2020-04-29|EPI_ISL_791894|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/South Africa/KRISP-K001397/2020|2020-07-18|EPI_ISL_515880|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Vietnam/VNHN_0207/2020|2020-03-08|EPI_ISL_511891|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/USA/AZ-TG547354/2020|2020-07-07|EPI_ISL_695500|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-13677/2020|2020-11-04|EPI_ISL_738910|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-AAAF98/2020|2020-10-19|EPI_ISL_652761|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F848E/2020|2020-09-27|EPI_ISL_600833|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7390/2020|2020-10-12|EPI_ISL_619356|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-692/2020|2020-06-27|EPI_ISL_491371|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/AZ-TG408707/2020|2020-06-24|EPI_ISL_694953|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/WI-UW-1374/2020|2020-09-04|EPI_ISL_536745|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/EXET-138860/2020|2020-10-06|EPI_ISL_627102|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/201360015/2020|2020-03-24|EPI_ISL_423196|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-2106/2020|2020-04-00|EPI_ISL_685711|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1195/2020|2020-05-11|EPI_ISL_477285|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7600/2020|2020-11-00|EPI_ISL_740745|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Scotland/CVR2656/2020|2020-04-17|EPI_ISL_478006|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100012955/2020|2020-11-19|EPI_ISL_771297|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-47F3F0/2020|2020-10-11|EPI_ISL_612672|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-99A14B/2020|2020-08-30|EPI_ISL_550334|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0030/2020|2020-05-17|EPI_ISL_698239|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUEH-C4BB0C/2020|2020-12-14|EPI_ISL_769641|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18126/2020|2020-11-16|EPI_ISL_784474|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-13081D/2020|2020-04-12|EPI_ISL_492597|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-64635/2020|2020-09-22|EPI_ISL_594500|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4957/2020|2020-06-20|EPI_ISL_544431|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6263/2020|2020-08-00|EPI_ISL_689374|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-E6EAC/2020|2020-00-00|EPI_ISL_448987|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Gibraltar/205000687/2020|2020-12-00|EPI_ISL_710011|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/CAMC-B33D3F/2020|2020-11-05|EPI_ISL_659245|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1934/2020|2020-06-03|EPI_ISL_497362|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0087/2020|2020-04-13|EPI_ISL_515364|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/WA-UW-22774/2020|2020-08-06|EPI_ISL_570716|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-ACD7B5/2020|2020-10-22|EPI_ISL_644066|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5555/2020|2020-10-27|EPI_ISL_650483|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/EXET-13E615/2020|2020-00-00|EPI_ISL_724336|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Austria/Graz-MUG2/2020|2020-03-27|EPI_ISL_437198|Original|hCoV-19^^Styria|Human|Diagnostic- and Research Institute of Pathology|Diagnostic- and Research Institute of Pathology|Kashofer|Austria

>Spike|hCoV-19/USA/CA-QDX-1534/2020|2020-03-18|EPI_ISL_603782|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-AB7CFB/2020|2020-10-21|EPI_ISL_623618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-173034/2020|2020-04-06|EPI_ISL_524556|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0736/2020|2020-04-00|EPI_ISL_684346|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-QGLO-019/2020|2020-03-27|EPI_ISL_459877|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Center|Queen's Genomics Lab at Ongwanada (Q-GLO)|Sjaarda|Canada

>Spike|hCoV-19/USA/UT-UPHL-2012699605/2020|2020-10-20|EPI_ISL_746300|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-UW-23/2020|2020-03-17|EPI_ISL_417507|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/CAMC-B21657/2020|2020-11-03|EPI_ISL_647433|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162FC2/2020|2020-05-20|EPI_ISL_473229|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2340/2020|2020-06-25|EPI_ISL_522061|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3176/2020|2020-07-07|EPI_ISL_520867|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3418/2020|2020-04-00|EPI_ISL_691530|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC21196/2020|2020-03-29|EPI_ISL_507453|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/OR-OHSU-1917/2020|2020-07-29|EPI_ISL_526070|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/NORT-2938BD/2020|2020-07-06|EPI_ISL_499597|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Kenya/C6524/2020|2020-05-14|EPI_ISL_568805|Original|hCoV-19^^Kwale|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/WA-S1785/2020|2020-06-02|EPI_ISL_496211|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/United Arab Emirates/0879/2020|2020-05-19|EPI_ISL_699017|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/PHWC-481C4B/2020|2020-10-16|EPI_ISL_613159|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7F655/2020|2020-04-09|EPI_ISL_470453|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22370/2020|2020-11-09|EPI_ISL_708350|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/CAMB-75015/2020|2020-03-16|EPI_ISL_440438|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3014976/2020|2020-12-01|EPI_ISL_771005|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/UT-UPHL-2009121/2020|2020-05-31|EPI_ISL_525120|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-AA1D88/2020|2020-10-22|EPI_ISL_624393|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC195a/2020|2020-06-08|EPI_ISL_469039|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Canada/QC-LSPQ-L00240029/2020|2020-03-26|EPI_ISL_536261|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Switzerland/VD-ETHZ-300316/2020|2020-09-25|EPI_ISL_603348|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-4971/2020|2020-08-00|EPI_ISL_690089|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-883CCD/2020|2020-07-26|EPI_ISL_532775|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3A836/2020|2020-12-08|EPI_ISL_731540|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10242/2020|2020-11-09|EPI_ISL_669504|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-9104/2020|2020-07-03|EPI_ISL_780945|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18606/2020|2020-11-20|EPI_ISL_784954|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR4312/2020|2020-09-13|EPI_ISL_572788|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/QC_AA2/2020|2020-04-11|EPI_ISL_444494|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/GA-QDX-2158/2020|2020-03-14|EPI_ISL_604451|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-B84BBD/2020|2020-11-14|EPI_ISL_675829|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AC00002/2020|2020-08-18|EPI_ISL_707884|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/England/NOTT-10E915/2020|2020-03-29|EPI_ISL_425612|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-7102/2020|2020-08-00|EPI_ISL_688207|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-2976/2020|2020-09-02|EPI_ISL_635766|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-B8CA03/2020|2020-11-13|EPI_ISL_675726|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5A770/2020|2020-11-06|EPI_ISL_658336|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5148/2020|2020-09-21|EPI_ISL_621686|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9DAFDC/2020|2020-09-22|EPI_ISL_581096|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28CC2/2020|2020-04-02|EPI_ISL_445428|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20849/2020|2020-12-21|EPI_ISL_759405|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1181/2020|2020-08-07|EPI_ISL_522936|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-7788/2020|2020-10-19|EPI_ISL_618673|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/LOM-ASST-21/2020|2020-04-01|EPI_ISL_486658|Original|hCoV-19^^Lombardy|Human|Microbiology|Microbiology|Comandatore|Italy

>Spike|hCoV-19/USA/WA-S2218/2020|2020-06-08|EPI_ISL_497646|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/UT-UPHL-201108622/2020|2020-04-06|EPI_ISL_648571|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-9CA977/2020|2020-09-10|EPI_ISL_567467|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20558/2020|2020-04-29|EPI_ISL_462640|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LIVE-9CC05/2020|2020-04-25|EPI_ISL_440939|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1054C2/2020|2020-03-29|EPI_ISL_472154|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Sweden/20-08865/2020|2020-04-09|EPI_ISL_476145|Original|hCoV-19^^Jamtland Harjedalen|Human|Ostersund klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-B829B5/2020|2020-11-14|EPI_ISL_675370|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-21FF0F/2020|2020-12-13|EPI_ISL_741485|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/IC-0389/2020|2020-12-00|EPI_ISL_736900|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A648F9/2020|2020-10-11|EPI_ISL_609088|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008771/2020|2020-10-20|EPI_ISL_654256|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-2692/2020|2020-07-21|EPI_ISL_635635|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49B3D0/2020|2020-11-12|EPI_ISL_742330|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D1941-8263/2020|2020-09-24|EPI_ISL_753877|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Australia/VIC4708/2020|2020-07-16|EPI_ISL_519096|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17561/2020|2020-12-14|EPI_ISL_751071|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8DDBE/2020|2020-11-13|EPI_ISL_674594|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EEF6/2020|2020-10-03|EPI_ISL_585883|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir9932/2020|2020-11-03|EPI_ISL_729620|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/WI-UW-823/2020|2020-06-02|EPI_ISL_509830|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WI-WSLH-200228/2020|2020-04-13|EPI_ISL_578448|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/India/TG-CCMB-AA315/2020|2020-08-11|EPI_ISL_539754|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Canada/NS-NML-1335/2020|2020-04-11|EPI_ISL_579714|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Japan/PG-1479/2020|2020-04-00|EPI_ISL_685086|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2009324/2020|2020-05-16|EPI_ISL_524925|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Brazil/RJ-2678/2020|2020-04-24|EPI_ISL_467355|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/NORT-2847FE/2020|2020-03-23|EPI_ISL_488669|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_20/2020|2020-03-12|EPI_ISL_415477|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/VA-DCLS-2009/2020|2020-10-14|EPI_ISL_644910|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/EDB1151/2020|2020-04-07|EPI_ISL_433410|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Belgium/UGent-276/2020|2020-11-16|EPI_ISL_718012|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Scotland/QEUEH-943ABF/2020|2020-08-01|EPI_ISL_532626|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4426/2020|2020-05-04|EPI_ISL_449310|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC4270/2020|2020-11-24|EPI_ISL_703371|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22111/2020|2020-12-14|EPI_ISL_758557|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-AD1824/2020|2020-10-24|EPI_ISL_629845|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012325/2020|2020-11-20|EPI_ISL_779965|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-14483/2020|2020-11-30|EPI_ISL_711792|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC7226/2020|2020-07-02|EPI_ISL_564294|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-QDX-273/2020|2020-03-18|EPI_ISL_571028|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Weifang/WF0028/2020|2020-02-00|EPI_ISL_413791|Original|hCoV-19^^Weifang|Human|Weifang Center for Disease Control and Prevention|Weifang Center for Disease Control and Prevention & BGI-Shenzhen|Li|China

>Spike|hCoV-19/Australia/QLD1296/2020|2020-03-23|EPI_ISL_693291|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Luxembourg/LNS9779064/2020|2020-11-09|EPI_ISL_744981|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/India/UP-NBRI-N30-TDV623/2020|2020-05-15|EPI_ISL_516959|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/USA/UT-UPHL-2009290/2020|2020-05-15|EPI_ISL_525268|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/SHEF-10B2811/2020|2020-04-28|EPI_ISL_537275|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20140/2020|2020-11-24|EPI_ISL_723310|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-A6A161/2020|2020-10-08|EPI_ISL_608797|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5318/2020|2020-11-02|EPI_ISL_730554|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Australia/VIC7527/2020|2020-07-14|EPI_ISL_564471|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/205260320/2020|2020-12-21|EPI_ISL_766518|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22365/2020|2020-11-16|EPI_ISL_708345|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Ireland/D-NVRL-20G32232/2020|2020-03-18|EPI_ISL_605140|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/England/MILK-958DCD/2020|2020-05-31|EPI_ISL_554242|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200534/2020|2020-10-24|EPI_ISL_753066|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/WI-GMF-03151/2020|2020-05-12|EPI_ISL_455571|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/VIC8058/2020|2020-08-17|EPI_ISL_564823|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-129325/2020|2020-04-19|EPI_ISL_458911|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB56A3/2020|2020-11-20|EPI_ISL_703237|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19657/2020|2020-11-25|EPI_ISL_784016|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-D0AB0/2020|2020-11-29|EPI_ISL_702881|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10971/2020|2020-09-08|EPI_ISL_707723|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/VA-DCLS-1380/2020|2020-07-05|EPI_ISL_572225|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-4469/2020|2020-09-14|EPI_ISL_615654|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/un-EMC-786/2020|2020-06-13|EPI_ISL_577882|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-Wadsworth-251059-01/2020|2020-10-21|EPI_ISL_754691|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-338DF/2020|2020-04-21|EPI_ISL_446763|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1BAB7C/2020|2020-11-12|EPI_ISL_664175|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0519/2020|2020-06-23|EPI_ISL_560961|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16129/2020|2020-10-29|EPI_ISL_785813|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6786/2020|2020-08-00|EPI_ISL_687895|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16007/2020|2020-11-23|EPI_ISL_714531|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AEBE4/2020|2020-05-04|EPI_ISL_448059|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3282/2020|2020-06-11|EPI_ISL_544100|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/QLDID924/2020|2020-03-18|EPI_ISL_418802|Original|hCoV-19^^Queensland|Human|Pathology Queensland|Public Health Virology Laboratory|Warrilow|Australia

>Spike|hCoV-19/England/QEUH-B0EC9A/2020|2020-11-02|EPI_ISL_642112|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2003/2020|2020-10-14|EPI_ISL_644905|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/NY-Wadsworth-12437-01/2020|2020-03-07|EPI_ISL_676730|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/South Korea/KDCA0154/2020|2020-11-14|EPI_ISL_747388|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMB-1B0A4C/2020|2020-00-00|EPI_ISL_452931|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98007689/2020|2020-09-14|EPI_ISL_582080|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Netherlands/OV-EMC-39/2020|2020-04-17|EPI_ISL_523423|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUH-A1FAAC/2020|2020-10-01|EPI_ISL_598955|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02413/2020|2020-09-00|EPI_ISL_671591|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/CA-CZB-10130/2020|2020-06-29|EPI_ISL_672224|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-IGI-0226/2020|2020-06-30|EPI_ISL_569942|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/204390077/2020|2020-10-23|EPI_ISL_637129|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0382/2020|2020-03-28|EPI_ISL_626384|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/ALDP-BB3784/2020|2020-11-20|EPI_ISL_701730|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6717/2020|2020-08-00|EPI_ISL_687828|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-001224/2020|2020-11-04|EPI_ISL_683839|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/EXET-13E9FE/2020|2020-12-12|EPI_ISL_763706|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/NORW-E8D16/2020|2020-04-15|EPI_ISL_448304|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/CVR264/2020|2020-03-20|EPI_ISL_425754|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-5189/2020|2020-08-00|EPI_ISL_690292|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC22152/2020|2020-10-18|EPI_ISL_614203|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/OXON-AD894/2020|2020-00-00|EPI_ISL_448601|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Sweden/20-53002/2020|2020-09-27|EPI_ISL_661285|Original|hCoV-19^^Ostergotland|Human|Klinsisk mikrobiologi Link\u00f6ping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/ALAB-HH01/2020|2020-03-10|EPI_ISL_429262|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/CAMC-945B32/2020|2020-07-17|EPI_ISL_556745|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1633/2020|2020-05-18|EPI_ISL_494703|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-8282C/2020|2020-04-13|EPI_ISL_443493|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORW-220B8F/2020|2020-12-16|EPI_ISL_741490|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_166/2020|2020-00-00|EPI_ISL_461200|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-15757/2020|2020-07-10|EPI_ISL_785441|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-21085/2020|2020-12-21|EPI_ISL_759543|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2EAAA2/2020|2020-00-00|EPI_ISL_727768|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/NSW175/2020|2020-03-18|EPI_ISL_427687|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/NY-QDX-1238/2020|2020-03-17|EPI_ISL_572014|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/AN-IBV-001085/2020|2020-03-27|EPI_ISL_452601|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-B2246B/2020|2020-11-03|EPI_ISL_647438|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC6539/2020|2020-11-20|EPI_ISL_721390|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9479/2020|2020-11-03|EPI_ISL_652061|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11475/2020|2020-09-06|EPI_ISL_790027|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B46461/2020|2020-11-07|EPI_ISL_656070|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUAH-9FAA6C/2020|2020-09-29|EPI_ISL_588171|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-080/2020|2020-05-20|EPI_ISL_699736|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUAH-CAD4A3/2020|2020-12-20|EPI_ISL_761030|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201021553/2020|2020-03-03|EPI_ISL_464292|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486718/2020|2020-10-27|EPI_ISL_639074|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DBA5/2020|2020-09-25|EPI_ISL_577501|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B82AEF/2020|2020-11-14|EPI_ISL_675502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7910/2020|2020-09-24|EPI_ISL_585446|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/CAMC-A810D0/2020|2020-10-13|EPI_ISL_610795|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BEB9E/2020|2020-09-09|EPI_ISL_568096|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C583/2020|2020-11-10|EPI_ISL_655877|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A20DBE/2020|2020-10-01|EPI_ISL_599081|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10152/2020|2020-07-07|EPI_ISL_789346|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B024AD/2020|2020-10-24|EPI_ISL_642994|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012550958/2020|2020-08-15|EPI_ISL_746105|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NY-Wadsworth-290270-01/2020|2020-12-23|EPI_ISL_767526|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Brazil/SP-390/2020|2020-06-18|EPI_ISL_693213|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital E Maternidade Municipal Governador Mario Covas|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/WI-UW-330/2020|2020-04-26|EPI_ISL_436624|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NOTT-10E5A8/2020|2020-03-26|EPI_ISL_425565|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10079/2020|2020-04-03|EPI_ISL_424639|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-168E74/2020|2020-04-01|EPI_ISL_499358|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/ID-CDC-2-3714480/2020|2020-11-13|EPI_ISL_751750|Original|hCoV-19^^Idaho|Human|ID Bureau of Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10818/2020|2020-07-05|EPI_ISL_789643|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-961B12/2020|2020-08-02|EPI_ISL_537117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-977BDD/2020|2020-07-27|EPI_ISL_550489|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9B8930/2020|2020-09-09|EPI_ISL_568225|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2661/2020|2020-12-29|EPI_ISL_791175|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/IN-QDX-1973/2020|2020-03-14|EPI_ISL_604223|Original|hCoV-19^^Indiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-12D2AC/2020|2020-05-04|EPI_ISL_481881|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13779/2020|2020-11-30|EPI_ISL_713019|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Lithuania/AL-LUHS-Eilnr1/2020|2020-04-02|EPI_ISL_603082|Original|hCoV-19^^Alytaus apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/USA/TX-HMH-MCoV-19501/2020|2020-11-17|EPI_ISL_783882|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B677E9/2020|2020-11-11|EPI_ISL_661354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4189/2020|2020-10-21|EPI_ISL_624059|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2249/2020|2020-03-24|EPI_ISL_426130|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/reg-0911945/2020|2020-09-11|EPI_ISL_734928|Original|hCoV-19^^Hoeilaart|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Japan/PG-5671/2020|2020-04-00|EPI_ISL_688795|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/BAS-IZSPB-395PT/2020|2020-10-21|EPI_ISL_722924|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Gibraltar/203360724/2020|2020-08-07|EPI_ISL_547439|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/MI-UM-10033834090/2020|2020-04-02|EPI_ISL_578089|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-C57CCE/2020|2020-12-14|EPI_ISL_736193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5603/2020|2020-08-00|EPI_ISL_688728|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-18323/2020|2020-11-17|EPI_ISL_784671|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-4789/2020|2020-06-22|EPI_ISL_544331|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8401/2020|2020-06-26|EPI_ISL_784374|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-2599/2020|2020-08-17|EPI_ISL_617835|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-95215E/2020|2020-06-09|EPI_ISL_553684|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-978608/2020|2020-07-31|EPI_ISL_550434|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20876/2020|2020-05-18|EPI_ISL_471897|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MN-MDH-1834/2020|2020-09-17|EPI_ISL_602969|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-B370BA/2020|2020-11-05|EPI_ISL_645262|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS155/2020|2020-04-16|EPI_ISL_522613|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-30840/2020|2020-10-13|EPI_ISL_736776|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/India/UP-NBRI-N37-TDT658/2020|2020-05-14|EPI_ISL_516966|Original|hCoV-19^^Uttar Pradesh|Human|King Georges Medical University|CSIR-National Botanical Research Institute|Bag|India

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC_390/2020|2020-07-31|EPI_ISL_603224|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Wales/PHWC-47DC8E/2020|2020-10-12|EPI_ISL_595347|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20939/2020|2020-12-21|EPI_ISL_790965|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-A05511/2020|2020-09-30|EPI_ISL_600094|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D2F34/2020|2020-12-14|EPI_ISL_742052|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-42/2020|2020-03-18|EPI_ISL_425126|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/CAMC-B1FBC6/2020|2020-11-02|EPI_ISL_647770|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6A0C8/2020|2020-11-09|EPI_ISL_679021|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Spain/MD-H12-64/2020|2020-04-12|EPI_ISL_529995|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/CAMC-B221FB/2020|2020-11-02|EPI_ISL_645993|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2348/2020|2020-04-00|EPI_ISL_685953|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-AD1E5F/2020|2020-10-25|EPI_ISL_629775|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4836/2020|2020-07-00|EPI_ISL_689960|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Japan/PG-8351/2020|2020-08-00|EPI_ISL_687450|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMC-B97F7F/2020|2020-11-15|EPI_ISL_674944|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB7926/2020|2020-09-26|EPI_ISL_585453|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-2709/2020|2020-06-05|EPI_ISL_545493|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/LA-EVTL419/2020|2020-07-28|EPI_ISL_578825|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Denmark/DCGC-16220/2020|2020-11-16|EPI_ISL_714646|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/QEUEH-B9FDC8/2020|2020-11-18|EPI_ISL_720933|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-19851/2020|2020-12-07|EPI_ISL_747547|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-954DB2/2020|2020-06-12|EPI_ISL_553422|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/CRIE300223/2020|2020-03-31|EPI_ISL_610238|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Samoi
>lov|Russia
>Spike|hCoV-19/USA/TX-HMH-MCoV-19610/2020|2020-11-18|EPI_ISL_783979|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/MI-MDHHS-SC22305/2020|2020-11-10|EPI_ISL_708281|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/England/QEUEH-96F956/2020|2020-08-18|EPI_ISL_540266|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS6449725/2020|2020-11-05|EPI_ISL_744417|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/QEUEH-B11B2E/2020|2020-11-02|EPI_ISL_642480|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/mink/Canada/C/2020|2020-12-04|EPI_ISL_717716|Original|hCoV-19^^British Columbia|Mink|Animal Health Centre|National Centre for Foreign Animal Disease|Kruczkiewicz|Canada
>Spike|hCoV-19/India/MH-ACTREC-495/2020|2020-08-14|EPI_ISL_700143|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/USA/AZ-TG280790/2020|2020-04-17|EPI_ISL_694149|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/Wales/PHWC-1660F8/2020|2020-06-17|EPI_ISL_490837|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6229/2020|2020-06-23|EPI_ISL_547327|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NM-UNM-00565/2020|2020-05-09|EPI_ISL_542980|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0768/2020|2020-07-23|EPI_ISL_640069|Original|hCoV-19^^Western Cape|Human|Guguletu CHC wc GDH|NHLS|UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/CAMB-7806D/2020|2020-04-01|EPI_ISL_441103|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/AG-42387010/2020|2020-08-09|EPI_ISL_581943|Original|hCoV-19^^Aargau|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/AZ-TG666131/2020|2020-05-01|EPI_ISL_696216|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-9910A1/2020|2020-08-27|EPI_ISL_551872|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL572/2020|2020-06-30|EPI_ISL_578976|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-1846/2020|2020-04-00|EPI_ISL_685452|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-BIE-047/2020|2020-04-04|EPI_ISL_463295|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Norway/6284/2020|2020-11-22|EPI_ISL_775376|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Northern Ireland/NIRE-FCBD9/2020|2020-04-22|EPI_ISL_459330|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53870/2020|2020-12-17|EPI_ISL_775593|Original|hCoV-19^^Vastra Gotalandsregionen|Human|TATAA Biocenter|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Spain/MD-IBV-99007325/2020|2020-08-17|EPI_ISL_582813|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Panama/339755/2020|2020-04-12|EPI_ISL_496899|Original|hCoV-19^^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/20119063804/2020|2020-03-12|EPI_ISL_465088|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/SP-L22-CD475/2020|2020-04-02|EPI_ISL_476374|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Belgium/AC-030982/2020|2020-03-09|EPI_ISL_420338|Original|hCoV-19^^Saive|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-QDX-44/2020|2020-03-16|EPI_ISL_467833|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00229796/2020|2020-03-20|EPI_ISL_535904|Original|hCoV-19^^Quebec|Human|H\u00f4pital-Dieu de Sorel|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/QEUH-B414DF/2020|2020-11-08|EPI_ISL_658551|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2271/2020|2020-07-08|EPI_ISL_635404|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BIRM-5F63D/2020|2020-00-00|EPI_ISL_461521|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-B56BA5/2020|2020-11-06|EPI_ISL_656861|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-361/2020|2020-06-21|EPI_ISL_693206|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Municipal Mario Gatti|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/TX-DSHS-1255/2020|2020-05-30|EPI_ISL_644196|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/UT-UPHL-2012520384/2020|2020-10-23|EPI_ISL_745545|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-497A2A/2020|2020-11-23|EPI_ISL_726920|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2115/2020|2020-04-11|EPI_ISL_468950|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Egypt/CUNCI-HGC5I011/2020|2020-06-02|EPI_ISL_479712|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/England/QEUEH-B2EDCE/2020|2020-11-03|EPI_ISL_659902|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15CAF7/2020|2020-05-07|EPI_ISL_472580|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/38/2020|2020-03-31|EPI_ISL_422431|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/20164065904/2020|2020-04-15|EPI_ISL_466460|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Weifang/WF0029/2020|2020-02-00|EPI_ISL_413809|Original|hCoV-19^^Weifang|Human|Weifang Center for Disease Control and Prevention|Weifang Center for Disease Control and Prevention & BGI-Shenzhen|Li|China

>Spike|hCoV-19/Australia/VIC7705/2020|2020-07-31|EPI_ISL_564593|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-1DD5DF/2020|2020-09-30|EPI_ISL_611815|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/201161176/2020|2020-03-11|EPI_ISL_464816|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9C4306/2020|2020-09-09|EPI_ISL_566890|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B980F3/2020|2020-11-15|EPI_ISL_674962|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2294/2020|2020-11-12|EPI_ISL_728060|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-UW-7237/2020|2020-04-13|EPI_ISL_570176|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-4975FC/2020|2020-12-01|EPI_ISL_726855|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200201/2020|2020-08-10|EPI_ISL_752760|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/MO-QDX-2679/2020|2020-03-14|EPI_ISL_604949|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Gibraltar/204641720/2020|2020-00-00|EPI_ISL_637198|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Switzerland/VD-ETHZ-340113/2020|2020-10-26|EPI_ISL_721914|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-AA16AB/2020|2020-10-22|EPI_ISL_623992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/Kraljevo-03762507/2020|2020-07-24|EPI_ISL_582534|Original|hCoV-19^^Kraljevo|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/USA/NY-Wadsworth-292832-01/2020|2020-12-27|EPI_ISL_769976|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-B07851/2020|2020-10-31|EPI_ISL_643747|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48611A/2020|2020-10-24|EPI_ISL_627069|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20138088104/2020|2020-03-24|EPI_ISL_421846|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB053/2020|2020-03-17|EPI_ISL_425857|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0662/2020|2020-10-22|EPI_ISL_700460|Original|hCoV-19^^Western Cape|Human|Themba lethu CDC wc THC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/ALDP-A68840/2020|2020-10-12|EPI_ISL_608528|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BCC542/2020|2020-11-27|EPI_ISL_704471|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99CFE/2020|2020-11-15|EPI_ISL_673471|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A9526A/2020|2020-10-20|EPI_ISL_624761|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-658A23/2020|2020-07-03|EPI_ISL_558073|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/YO-UGM-200927/2020|2020-05-16|EPI_ISL_516806|Original|hCoV-19^^Special Region of Yogyakarta|Human|Rumah Sakit PKU Gamping|Genetics Working Group (Pokja Genetik) Faculty of Medicine|Gunadi|Indonesia

>Spike|hCoV-19/Northern Ireland/NIRE-1022AD/2020|2020-03-25|EPI_ISL_441396|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-B490A6/2020|2020-11-07|EPI_ISL_649331|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir3194/2020|2020-03-22|EPI_ISL_729381|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-CZB-14055/2020|2020-06-28|EPI_ISL_739270|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/NORW-F6B66/2020|2020-12-01|EPI_ISL_706378|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-559DB1/2020|2020-06-10|EPI_ISL_558393|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uganda/UG005/2020|2020-03-27|EPI_ISL_451187|Original|hCoV-19^^Uganda|Human|Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/New Zealand/20VR1997/2020|2020-04-01|EPI_ISL_456326|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/TX-HMH-MCoV-9653/2020|2020-07-04|EPI_ISL_780205|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B21E9B/2020|2020-11-02|EPI_ISL_645908|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C611C2/2020|2020-12-12|EPI_ISL_769477|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CN-ISCI-201811/2020|2020-03-05|EPI_ISL_455325|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Canarias|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/LIVE-9B723/2020|2020-04-21|EPI_ISL_440873|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3489/2020|2020-04-17|EPI_ISL_579503|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Finland/18MR2cF1/2020|2020-11-18|EPI_ISL_757326|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/FL-BPHL-1145/2020|2020-08-17|EPI_ISL_526631|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Italy/VEN-IZSve-18-48/2020|2020-03-24|EPI_ISL_452184|Original|hCoV-19^^Veneto|Human|ULSS9 Distretto di Bussolengo|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/Spain/MD-IBV-99012374/2020|2020-11-18|EPI_ISL_779969|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC6403/2020|2020-07-21|EPI_ISL_521195|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CHLA-PLM76523568/2020|2020-12-04|EPI_ISL_753632|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/QEUA-96FB23/2020|2020-08-16|EPI_ISL_540313|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM1093/2020|2020-08-03|EPI_ISL_583889|Original|hCoV-19^^St. Wolfgang|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Wales/PHWC-168D4A/2020|2020-05-22|EPI_ISL_494359|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94C9F5/2020|2020-06-15|EPI_ISL_555845|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13908/2020|2020-11-30|EPI_ISL_713097|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14651/2020|2020-11-23|EPI_ISL_711891|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Gibraltar/204462825/2020|2020-10-29|EPI_ISL_615000|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/CAMC-B51384/2020|2020-11-06|EPI_ISL_657846|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AA7F4/2020|2020-03-24|EPI_ISL_517506|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Brazil/SP-L36-CD952/2020|2020-05-02|EPI_ISL_722040|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Norway/5952/2020|2020-11-17|EPI_ISL_775350|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Spain/AS-IBV-98006653/2020|2020-04-21|EPI_ISL_654619|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-16C775/2020|2020-09-23|EPI_ISL_574089|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28D0B/2020|2020-04-02|EPI_ISL_445431|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000705/2020|2020-03-03|EPI_ISL_452761|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/VIC8191/2020|2020-08-13|EPI_ISL_564892|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-2493/2020|2020-08-17|EPI_ISL_667227|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00237886/2020|2020-03-25|EPI_ISL_536198|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-B5571B/2020|2020-11-05|EPI_ISL_657414|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A9E920/2020|2020-10-20|EPI_ISL_625336|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A69D13/2020|2020-10-09|EPI_ISL_608726|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20164002704/2020|2020-04-14|EPI_ISL_527335|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/England/PORT-2D507B/2020|2020-00-00|EPI_ISL_764140|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49794B/2020|2020-11-22|EPI_ISL_726906|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A02787/2020|2020-09-28|EPI_ISL_595838|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5F3E/2020|2020-09-10|EPI_ISL_567670|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1565/2020|2020-08-14|EPI_ISL_527630|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Poland/PL_P22/2020|2020-04-02|EPI_ISL_451983|Original|hCoV-19^^Malopolska|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/Norway/4061/2020|2020-09-29|EPI_ISL_635127|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/ALDP-9BE3C3/2020|2020-09-10|EPI_ISL_568216|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12C735/2020|2020-05-06|EPI_ISL_469525|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3064/2020|2020-07-08|EPI_ISL_520771|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC12712/2020|2020-07-26|EPI_ISL_563581|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9C500E/2020|2020-09-10|EPI_ISL_567590|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/287nan/2020|2020-03-17|EPI_ISL_648078|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/NY-Wadsworth-214713-01/2020|2020-09-10|EPI_ISL_765502|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-165DF2/2020|2020-05-15|EPI_ISL_490804|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC14540/2020|2020-08-07|EPI_ISL_592882|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B6AEC/2020|2020-10-09|EPI_ISL_612007|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14065/2020|2020-08-15|EPI_ISL_787351|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A961B7/2020|2020-10-19|EPI_ISL_624774|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/CN-NVRL-20IRL51448/2020|2020-09-30|EPI_ISL_639905|Original|hCoV-19^^Cavan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/MI-MDHHS-SC21907/2020|2020-04-09|EPI_ISL_565968|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUB-B7DA32/2020|2020-11-14|EPI_ISL_727841|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-8916/2020|2020-09-00|EPI_ISL_686462|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC767/2020|2020-03-20|EPI_ISL_427044|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Gambia/GC19-3822/2020|2020-07-27|EPI_ISL_561093|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/ALDP-BB929C/2020|2020-11-21|EPI_ISL_702599|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-989/2020|2020-03-14|EPI_ISL_571787|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-16EBB3/2020|2020-10-05|EPI_ISL_585832|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-F1C1D/2020|2020-10-22|EPI_ISL_627624|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-791F0/2020|2020-04-03|EPI_ISL_441063|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18255/2020|2020-12-14|EPI_ISL_749844|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB7827/2020|2020-09-21|EPI_ISL_572537|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/South Africa/R12642-20/2020|2020-06-16|EPI_ISL_504204|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/WA-UW-13401/2020|2020-07-02|EPI_ISL_501149|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-C61AC7/2020|2020-12-13|EPI_ISL_735753|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28120F/2020|2020-03-08|EPI_ISL_472158|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LIVE-9C4EF/2020|2020-03-23|EPI_ISL_449544|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Germany/BW-UKT-055/2020|2020-04-06|EPI_ISL_581471|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|Medizinische Klinik Innere Medizin I|NGS Competence Center T\u00fcbingen|Angelov|Germany

>Spike|hCoV-19/Brazil/RJ-2717/2020|2020-04-24|EPI_ISL_467359|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/CA-CZB-9724/2020|2020-03-11|EPI_ISL_672160|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-6976/2020|2020-10-12|EPI_ISL_619822|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-1121F8/2020|2020-06-22|EPI_ISL_484353|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-6BD206/2020|2020-07-02|EPI_ISL_557852|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4074/2020|2020-10-03|EPI_ISL_636434|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/QEUH-AF614C/2020|2020-10-30|EPI_ISL_676474|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABBD7C/2020|2020-10-20|EPI_ISL_631070|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7398/2020|2020-07-00|EPI_ISL_688500|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4935B4/2020|2020-11-29|EPI_ISL_725910|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC3584/2020|2020-07-09|EPI_ISL_520332|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-A8BECD/2020|2020-10-16|EPI_ISL_643257|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1316/2020|2020-07-13|EPI_ISL_541254|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/SHEF-10D3A14/2020|2020-12-04|EPI_ISL_742061|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-640/2020|2020-03-23|EPI_ISL_582297|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/TAS102/2020|2020-03-21|EPI_ISL_522568|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-7934/2020|2020-07-00|EPI_ISL_687035|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NH-RIVM-10357/2020|2020-07-30|EPI_ISL_636567|Original|hCoV-19^^NoordHolland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/20149013504/2020|2020-04-03|EPI_ISL_466156|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20118108504/2020|2020-03-12|EPI_ISL_464950|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Indonesia/JB-TFRIC19-R47609/2020|2020-07-21|EPI_ISL_528746|Original|hCoV-19^^West Java|Human|Immanuel Hospital|Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Laboratorium Kesehatan Provinsi Jawa Barat|Tan|Indonesia

>Spike|hCoV-19/England/LOND-126481C/2020|2020-11-19|EPI_ISL_704965|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-993573/2020|2020-08-26|EPI_ISL_552046|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-289288-01/2020|2020-12-21|EPI_ISL_767500|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Northern Ireland/NIRE-23570B/2020|2020-11-12|EPI_ISL_742132|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98008460/2020|2020-10-25|EPI_ISL_654551|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-21855/2020|2020-12-21|EPI_ISL_758408|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-C46749/2020|2020-12-10|EPI_ISL_718448|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9470D7/2020|2020-07-21|EPI_ISL_556552|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-965862/2020|2020-08-12|EPI_ISL_531071|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42186189/2020|2020-03-11|EPI_ISL_527997|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/SHEF-C41BA/2020|2020-04-09|EPI_ISL_448844|Original|hCoV-19^^England|Human|Virology Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1774/2020|2020-09-02|EPI_ISL_640109|Original|hCoV-19^^Western Cape|Human|Victoria Hospital wc VHW|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/BIRM-5F9AD/2020|2020-05-06|EPI_ISL_473357|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-4019/2020|2020-08-01|EPI_ISL_548621|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-B985E5/2020|2020-11-15|EPI_ISL_674899|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1269/2020|2020-04-27|EPI_ISL_454689|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/BRIS-12BD70/2020|2020-05-08|EPI_ISL_469368|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH88/2020|2020-03-15|EPI_ISL_429328|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-ACCC20/2020|2020-10-21|EPI_ISL_634436|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7CD4A/2020|2020-10-13|EPI_ISL_606354|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2058/2020|2020-03-21|EPI_ISL_775640|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-5057F2/2020|2020-06-25|EPI_ISL_559189|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009163949/2020|2020-09-16|EPI_ISL_710232|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Australia/NSW2143/2020|2020-03-15|EPI_ISL_509502|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Canada/ON-UHTC_0066/2020|2020-04-24|EPI_ISL_464038|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Luxembourg/LNS8639502/2020|2020-03-16|EPI_ISL_419599|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-A7B974/2020|2020-10-15|EPI_ISL_607532|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9EFEC/2020|2020-04-14|EPI_ISL_453417|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/OXON-B3CAE/2020|2020-04-21|EPI_ISL_534909|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18683/2020|2020-11-22|EPI_ISL_785031|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12A157/2020|2020-04-16|EPI_ISL_458380|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0424/2020|2020-07-02|EPI_ISL_614376|Original|hCoV-19^^Yamoussoukro|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/Norway/3180/2020|2020-08-09|EPI_ISL_549047|Original|hCoV-19^^Oslo|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr238418/2020|2020-12-22|EPI_ISL_770532|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Australia/VIC7509/2020|2020-00-00|EPI_ISL_564457|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-21559/2020|2020-12-21|EPI_ISL_757906|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BD2075/2020|2020-11-28|EPI_ISL_702210|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A74C3/2020|2020-03-28|EPI_ISL_517029|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/MH-NIV-206457/2020|2020-09-10|EPI_ISL_577716|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Russia/OMS-ORINFI-106S/2020|2020-05-13|EPI_ISL_569837|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-AB1D58/2020|2020-10-21|EPI_ISL_623856|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-120965/2020|2020-12-16|EPI_ISL_745311|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Portugal/PT1273/2020|2020-03-21|EPI_ISL_511234|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/CAMB-1BCC77/2020|2020-12-02|EPI_ISL_763593|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10626/2020|2020-10-26|EPI_ISL_636605|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/201101382/2020|2020-03-09|EPI_ISL_464660|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1784/2020|2020-09-15|EPI_ISL_644870|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-B45E28/2020|2020-11-07|EPI_ISL_656187|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC195/2020|2020-04-01|EPI_ISL_427490|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-4966EB/2020|2020-11-20|EPI_ISL_726623|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-2025/2020|2020-07-14|EPI_ISL_766663|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-7586/2020|2020-06-25|EPI_ISL_546873|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-13680/2020|2020-11-30|EPI_ISL_712956|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A58D8/2020|2020-03-18|EPI_ISL_499644|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC8715/2020|2020-07-27|EPI_ISL_565153|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Oman/205035503/2020|2020-05-12|EPI_ISL_491969|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of\u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/USA/CA-CZB-13520/2020|2020-10-28|EPI_ISL_672509|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/QEUA-A01409/2020|2020-10-02|EPI_ISL_595812|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC2331/2020|2020-06-25|EPI_ISL_522052|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-C64A0/2020|2020-10-16|EPI_ISL_611583|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-S374/2020|2020-03-26|EPI_ISL_434134|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-5333/2020|2020-06-24|EPI_ISL_544690|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Iceland/319/2020|2020-03-18|EPI_ISL_417648|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Scotland/CVR5347/2020|2020-10-26|EPI_ISL_651770|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/ARA-NRC02726/2020|2020-10-05|EPI_ISL_639987|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/CAMB-1B777B/2020|2020-00-00|EPI_ISL_638331|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-AD45C0/2020|2020-10-26|EPI_ISL_634607|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2671/2020|2020-06-00|EPI_ISL_690803|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS9096216/2020|2020-10-23|EPI_ISL_744849|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC3896/2020|2020-07-13|EPI_ISL_520608|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-83551A/2020|2020-07-16|EPI_ISL_557267|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6935D/2020|2020-10-10|EPI_ISL_608950|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD491/2020|2020-09-16|EPI_ISL_566150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0263/2020|2020-08-14|EPI_ISL_760028|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/NORT-287913/2020|2020-11-08|EPI_ISL_724993|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33778/2020|2020-04-17|EPI_ISL_446745|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-4894/2020|2020-07-04|EPI_ISL_730199|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1410/2020|2020-06-25|EPI_ISL_678091|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/QEUA-A5E79B/2020|2020-10-12|EPI_ISL_597442|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9819/2020|2020-07-06|EPI_ISL_780292|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036765933/2020|2020-11-03|EPI_ISL_682214|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/EDB4552/2020|2020-05-06|EPI_ISL_461723|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-7264/2020|2020-08-00|EPI_ISL_688367|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0931/2020|2020-06-15|EPI_ISL_602229|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-A8C178/2020|2020-10-16|EPI_ISL_643135|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20120107804/2020|2020-03-16|EPI_ISL_465732|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6971/2020|2020-06-28|EPI_ISL_546397|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-2113/2020|2020-05-23|EPI_ISL_545127|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-15400/2020|2020-11-23|EPI_ISL_713804|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-C47283/2020|2020-12-10|EPI_ISL_718679|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20169035404/2020|2020-04-18|EPI_ISL_465237|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1391/2020|2020-05-16|EPI_ISL_654760|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/ME-HETL-J0464/2020|2020-12-15|EPI_ISL_755556|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Italy/VEN-IZSve-46-41/2020|2020-04-03|EPI_ISL_522856|Original|hCoV-19^^Veneto|Human|ULSS9 Distretto di San Bonifacio|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/MILK-BAAA0F/2020|2020-11-17|EPI_ISL_705202|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-725/2020|2020-03-21|EPI_ISL_571458|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Poland/Masovia-13529/2020|2020-09-06|EPI_ISL_754905|Original|hCoV-19^^Masovia|Human|Laboratory Diagnostics and Clinical Immunology of Developmental Age|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/Netherlands/ZH-EMC-862/2020|2020-10-17|EPI_ISL_632747|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/DRC/3787/2020|2020-04-24|EPI_ISL_447241|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-9E25EE/2020|2020-09-20|EPI_ISL_581216|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F88A0/2020|2020-09-27|EPI_ISL_588882|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2247/2020|2020-06-09|EPI_ISL_497675|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-S2912/2020|2020-10-05|EPI_ISL_596443|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-48B2D6/2020|2020-11-05|EPI_ISL_666219|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18657/2020|2020-12-07|EPI_ISL_750105|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-7578/2020|2020-06-25|EPI_ISL_546866|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/StPetersburg-RII21802S/2020|2020-06-06|EPI_ISL_507290|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUH-9CE436/2020|2020-09-17|EPI_ISL_590140|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_491/2020|2020-03-29|EPI_ISL_460664|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC5928/2020|2020-07-20|EPI_ISL_518707|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Ireland/D-SVUH-R6382/2020|2020-04-03|EPI_ISL_596658|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/Switzerland/SO-ETHZ-360216/2020|2020-11-09|EPI_ISL_729250|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/EDB1070/2020|2020-04-06|EPI_ISL_433380|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-B261CA/2020|2020-11-04|EPI_ISL_646686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/SA-0409296/2020|2020-04-09|EPI_ISL_464090|Original|hCoV-19^^Lillois-witterz\u00e9e|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/DE-DHSS-FLW00406161/2020|2020-12-02|EPI_ISL_766979|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Denmark/DCGC-22399/2020|2020-12-14|EPI_ISL_757541|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3869/2020|2020-09-07|EPI_ISL_615587|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A787C/2020|2020-03-27|EPI_ISL_517081|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1180/2020|2020-12-11|EPI_ISL_768449|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/QEUH-AD42F6/2020|2020-10-26|EPI_ISL_647935|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D466/2020|2020-03-30|EPI_ISL_483961|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-3458/2020|2020-03-00|EPI_ISL_418368|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/Sweden/20-53782/2020|2020-12-16|EPI_ISL_789017|Original|hCoV-19^^Vastmanland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Canada/ON-UHTC_0336/2020|2020-09-09|EPI_ISL_609817|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Japan/PG-3691/2020|2020-04-00|EPI_ISL_691944|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B3D02D/2020|2020-11-02|EPI_ISL_706214|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/MILK-95D9E2/2020|2020-06-20|EPI_ISL_568471|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14537/2020|2020-10-08|EPI_ISL_787822|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-S707/2020|2020-04-09|EPI_ISL_591141|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-B239A7/2020|2020-11-04|EPI_ISL_647062|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL796/2020|2020-07-23|EPI_ISL_653487|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/CVR1692/2020|2020-04-05|EPI_ISL_438845|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Israel/CVL-293-ngs/2020|2020-12-27|EPI_ISL_776835|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/CAMC-CB8AEF/2020|2020-12-18|EPI_ISL_778000|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-62/2020|2020-03-25|EPI_ISL_421320|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC12496/2020|2020-07-24|EPI_ISL_592011|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/ALDP-C39934/2020|2020-12-08|EPI_ISL_730687|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9138/2020|2020-07-02|EPI_ISL_780963|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20539/2020|2020-11-17|EPI_ISL_728754|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-BAAC63/2020|2020-11-18|EPI_ISL_783239|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SE-6591/2020|2020-04-29|EPI_ISL_541390|Original|hCoV-19^^Sergipe|Human|LACEN/SE|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/PORT-2E90B0/2020|2020-00-00|EPI_ISL_763586|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165387/2020|2020-05-26|EPI_ISL_479456|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-DB44E/2020|2020-11-14|EPI_ISL_724767|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F5FAE/2020|2020-09-27|EPI_ISL_600889|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2811/2020|2020-09-02|EPI_ISL_574653|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/UT-03697/2020|2020-04-07|EPI_ISL_450552|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/NA_645/2020|2020-03-31|EPI_ISL_461080|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/AZ-TG366758/2020|2020-06-04|EPI_ISL_694506|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Spain/PV-IBV-004191/2020|2020-04-02|EPI_ISL_510478|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48D632/2020|2020-11-15|EPI_ISL_680655|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204280143/2020|2020-10-15|EPI_ISL_613594|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-5552/2020|2020-08-00|EPI_ISL_688677|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BS-UHB-42190292/2020|2020-03-13|EPI_ISL_528067|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-21129/2020|2020-12-21|EPI_ISL_759570|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/TA-NVRL-MPO65745/2020|2020-05-07|EPI_ISL_671347|Original|hCoV-19^^Tipperary|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/UT-UPHL-2012563035/2020|2020-10-24|EPI_ISL_746307|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4815D7/2020|2020-10-19|EPI_ISL_613091|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A20D45/2020|2020-10-01|EPI_ISL_599030|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B246BE/2020|2020-11-04|EPI_ISL_711017|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27B99/2020|2020-04-01|EPI_ISL_432437|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Shanghai/SH0051/2020|2020-02-06|EPI_ISL_416359|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/Brazil/SP-L8-CD89/2020|2020-03-23|EPI_ISL_476466|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00e9nicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Wales/PHWC-483B88/2020|2020-10-23|EPI_ISL_627901|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Greece/152_33705/2020|2020-03-14|EPI_ISL_437875|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/QEUH-B12C84/2020|2020-11-02|EPI_ISL_641629|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/245/2020|2020-04-07|EPI_ISL_462363|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/AZ-TG363375/2020|2020-06-10|EPI_ISL_694455|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-AC82E6/2020|2020-10-21|EPI_ISL_629134|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-52425/2020|2020-07-14|EPI_ISL_534245|Original|hCoV-19^^Norrbotten|Human|Kliniskt mikrobiologiska laboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-B6C66F/2020|2020-11-10|EPI_ISL_661453|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0395b/2020|2020-04-19|EPI_ISL_454115|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-6987/2020|2020-07-00|EPI_ISL_688092|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15763/2020|2020-11-23|EPI_ISL_714007|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-1101/2020|2020-12-13|EPI_ISL_722774|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-A8F0D/2020|2020-03-26|EPI_ISL_517232|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL-8118-1/2020|2020-08-05|EPI_ISL_546935|Original|hCoV-19^^\u00dast\u00ed nad Labem Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/20142063404/2020|2020-03-27|EPI_ISL_420777|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Israel/CVL-n17051/2020|2020-06-01|EPI_ISL_516884|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/201140353/2020|2020-03-09|EPI_ISL_464726|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-953C2F/2020|2020-06-08|EPI_ISL_553766|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0711/2020|2020-09-08|EPI_ISL_576354|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Peru/AMZ-UPCH-0263/2020|2020-09-21|EPI_ISL_729909|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Australia/VIC5516/2020|2020-07-21|EPI_ISL_518351|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AD0E6F/2020|2020-10-26|EPI_ISL_633753|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A529A/2020|2020-12-15|EPI_ISL_763788|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26492442/2020|2020-04-28|EPI_ISL_485025|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Luxembourg/LNS3108529/2020|2020-10-28|EPI_ISL_740247|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MI-UM-10036754004/2020|2020-11-03|EPI_ISL_682201|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-9CCCC7/2020|2020-09-16|EPI_ISL_575701|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Flevoland_15/2020|2020-04-28|EPI_ISL_460838|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MD_0026/2020|2020-03-04|EPI_ISL_424869|Original|hCoV-19^^Maryland|Human|MD DOH Laboratories Administration|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-16A3CE/2020|2020-09-03|EPI_ISL_535244|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1322/2020|2020-03-18|EPI_ISL_422994|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-4383/2020|2020-06-17|EPI_ISL_543577|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC8328/2020|2020-08-12|EPI_ISL_564943|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A6BBEA/2020|2020-10-12|EPI_ISL_608785|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1397/2020|2020-04-27|EPI_ISL_622431|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Senegal/63742/2020|2020-06-12|EPI_ISL_476514|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/Thailand/SI204713-NT/2020|2020-03-13|EPI_ISL_437608|unknown|hCoV-19^^Thailand|Human|unknown|Faculty of Medicine|Submitter|Thailand

>Spike|hCoV-19/England/ALDP-A524DC/2020|2020-10-07|EPI_ISL_597977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-99B168/2020|2020-08-30|EPI_ISL_559767|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200113/2020|2020-04-06|EPI_ISL_578344|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Scotland/CVR5902/2020|2020-11-17|EPI_ISL_705660|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9811488/2020|2020-10-02|EPI_ISL_744993|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-11542/2020|2020-07-24|EPI_ISL_625570|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-8264/2020|2020-08-00|EPI_ISL_687363|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-563/2020|2020-04-08|EPI_ISL_544916|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-7461/2020|2020-10-12|EPI_ISL_619370|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A526B8/2020|2020-10-07|EPI_ISL_598143|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42199747/2020|2020-03-20|EPI_ISL_528248|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Australia/NSW72/2020|2020-03-22|EPI_ISL_427744|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/NORT-1B70683/2020|2020-11-08|EPI_ISL_706288|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B46F06/2020|2020-11-07|EPI_ISL_656253|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99CF21/2020|2020-08-30|EPI_ISL_549924|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-78BD5/2020|2020-04-03|EPI_ISL_441186|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1967/2020|2020-09-28|EPI_ISL_677375|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUA-964C0D/2020|2020-08-13|EPI_ISL_530991|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A9E7EA/2020|2020-10-20|EPI_ISL_625328|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8932/2020|2020-07-23|EPI_ISL_565287|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-000956/2020|2020-10-05|EPI_ISL_632992|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/WI-UW-175/2020|2020-03-20|EPI_ISL_428271|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Australia/VIC3593/2020|2020-07-09|EPI_ISL_520339|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-98F3CB/2020|2020-08-29|EPI_ISL_540406|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16798/2020|2020-12-14|EPI_ISL_750572|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2011020286/2020|2020-11-01|EPI_ISL_771151|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-321509/2020|2020-10-15|EPI_ISL_603719|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/AZ-TG640852/2020|2020-04-27|EPI_ISL_695795|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Northern Ireland/NIRE-101569/2020|2020-04-29|EPI_ISL_469887|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4278/2020|2020-09-07|EPI_ISL_615715|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-001168/2020|2020-03-26|EPI_ISL_452571|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/VIC15394/2020|2020-08-05|EPI_ISL_593282|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B4055/2020|2020-06-12|EPI_ISL_473457|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7959/2020|2020-10-26|EPI_ISL_618895|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-15E318/2020|2020-05-14|EPI_ISL_472804|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0731/2020|2020-04-21|EPI_ISL_568951|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Switzerland/BL-ETHZ-100342/2020|2020-03-19|EPI_ISL_574893|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-9C842D/2020|2020-09-10|EPI_ISL_567238|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC060F/2020|2020-11-22|EPI_ISL_704732|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E5BDA/2020|2020-09-24|EPI_ISL_589458|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-73244-01/2020|2020-04-29|EPI_ISL_676890|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/204180136/2020|2020-10-03|EPI_ISL_583979|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B73B48/2020|2020-11-12|EPI_ISL_664462|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NORT-283EFA/2020|2020-04-05|EPI_ISL_478525|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/UT-03268/2020|2020-05-08|EPI_ISL_493008|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/MILK-9785CF/2020|2020-07-31|EPI_ISL_526421|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/BY-MGZ-01/2020|2020-04-19|EPI_ISL_490205|Original|hCoV-19^^Bavaria|Human|M\u00fcrchen Klinik Schwabing|MGZ Medical Genetics Center|Wolf|Germany

>Spike|hCoV-19/Japan/PG-7250/2020|2020-08-00|EPI_ISL_688353|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/NL_88/2020|2020-03-21|EPI_ISL_469230|Original|hCoV-19^^Newfoundland and Labrador|Human|Public Health Laboratory|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/Japan/PG-7687/2020|2020-08-00|EPI_ISL_686789|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9CA3F1/2020|2020-09-10|EPI_ISL_567285|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/skmc-3820378/2020|2020-09-20|EPI_ISL_582677|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/England/ALDP-9BEA91/2020|2020-09-09|EPI_ISL_568006|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13044/2020|2020-08-03|EPI_ISL_592163|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-2157/2020|2020-04-24|EPI_ISL_653310|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Spain/AR-IBV-2405/2020|2020-03-23|EPI_ISL_468789|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/QEUA-A6399D/2020|2020-10-09|EPI_ISL_596172|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E3213/2020|2020-09-21|EPI_ISL_581222|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-DA166/2020|2020-11-03|EPI_ISL_705236|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CB8F/2020|2020-10-15|EPI_ISL_608033|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC5/2020|2020-04-13|EPI_ISL_435052|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMB-A9857D/2020|2020-12-24|EPI_ISL_764350|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0110/2020|2020-05-28|EPI_ISL_522393|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/EXET-1364F5/2020|2020-04-07|EPI_ISL_478286|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10807/2020|2020-11-02|EPI_ISL_670221|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-75IRL86079/2020|2020-10-14|EPI_ISL_671897|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-C39F9C/2020|2020-12-08|EPI_ISL_731057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42177585/2020|2020-03-05|EPI_ISL_527934|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/CVR1356/2020|2020-03-31|EPI_ISL_433551|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Chile/RM-ISPCH-19/2020|2020-03-11|EPI_ISL_445262|Original|hCoV-19^^Region Metropolitana de Santiago|Human|CLINICA TABANCURA|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/USA/WI-WSLH-200681/2020|2020-08-24|EPI_ISL_631438|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Denmark/DCGC-19366/2020|2020-12-07|EPI_ISL_748908|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B5610D/2020|2020-11-04|EPI_ISL_658079|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3243/2020|2020-04-27|EPI_ISL_449251|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-12E108/2020|2020-04-19|EPI_ISL_482003|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACCF72/2020|2020-10-21|EPI_ISL_630181|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/NGY-NNH-030/2020|2020-07-22|EPI_ISL_636996|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/USA/WA-UW-4290/2020|2020-03-31|EPI_ISL_427254|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MA-MASPHL-01016/2020|2020-11-06|EPI_ISL_692792|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Canada/BC_24245374/2020|2020-03-00|EPI_ISL_463205|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/OXON-B4B46/2020|2020-04-26|EPI_ISL_534995|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26C5B/2020|2020-03-27|EPI_ISL_422119|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2365/2020|2020-03-25|EPI_ISL_776453|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/SHEF-C70C9/2020|2020-10-04|EPI_ISL_585028|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0609/2020|2020-06-04|EPI_ISL_569719|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-A70933/2020|2020-10-14|EPI_ISL_608295|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8B8ED/2020|2020-10-16|EPI_ISL_643047|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-ILBS-4871T/2020|2020-04-06|EPI_ISL_605810|Original|hCoV-19^^Delhi|Human|Clinical Virology Laboratory|ILBS - IGIB|Rooge|India

>Spike|hCoV-19/Hong Kong/HKU-200723-041/2020|2020-03-22|EPI_ISL_497808|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Luxembourg/LNS8152962/2020|2020-11-23|EPI_ISL_744689|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/NB-EMC-270/2020|2020-00-00|EPI_ISL_523392|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-5602/2020|2020-09-28|EPI_ISL_620927|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR1992/2020|2020-04-09|EPI_ISL_490646|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00942/2020|2020-10-26|EPI_ISL_692820|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/PG-0493/2020|2020-04-06|EPI_ISL_480152|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012214394/2020|2020-08-17|EPI_ISL_746180|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-WSLH-200513/2020|2020-05-25|EPI_ISL_578654|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Scotland/EDB11012/2020|2020-12-13|EPI_ISL_742191|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF555/2020|2020-10-21|EPI_ISL_631180|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0283/2020|2020-03-27|EPI_ISL_434911|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2719/2020|2020-07-12|EPI_ISL_522498|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC9730/2020|2020-08-25|EPI_ISL_565679|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/BE-ChVir-D1919-4432/2020|2020-10-04|EPI_ISL_753865|Original|hCoV-19^^Berlin|Human|Charit\u00e9

Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin
Berlin|Muehleemann|Germany
>Spike|hCoV-19/Denmark/DCGC-15433/2020|2020-11-23|EPI_ISL_713825|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-DSHS-0304/2020|2020-06-13|EPI_ISL_534271|Original|hCoV-
19^^Texas|Human|Texas Department of State Health Services|Texas Department of State
Health Services|Rahman|USA
>Spike|hCoV-19/England/QEUEH-B3F7EA/2020|2020-11-08|EPI_ISL_658492|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-UF-30/2020|2020-10-02|EPI_ISL_641318|Original|hCoV-
19^^Florida|Human|Environmental and Global Health|Environmental and Global
Health|Elbadry|USA
>Spike|hCoV-19/Netherlands/NA_303/2020|2020-04-01|EPI_ISL_422612|Original|hCoV-
19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
Munnink|Netherlands
>Spike|hCoV-19/USA/AZ-TG502713/2020|2020-07-15|EPI_ISL_695285|Original|hCoV-
19^^Arizona|Human|TGen North|TGen North|French|USA
>Spike|hCoV-19/England/204262885/2020|2020-10-14|EPI_ISL_603209|Original|hCoV-
19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Japan/PG-3174/2020|2020-03-00|EPI_ISL_691294|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-13485/2020|2020-11-30|EPI_ISL_712824|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NOTT-11127E/2020|2020-04-23|EPI_ISL_453638|Original|hCoV-
19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom
>Spike|hCoV-19/Wales/PHWC-2A8F9/2020|2020-04-08|EPI_ISL_445634|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology
Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Brazil/RS-00678/2020|2020-11-27|EPI_ISL_779166|Original|hCoV-19^^Rio
Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade
FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil
>Spike|hCoV-19/Singapore/419/2020|2020-03-18|EPI_ISL_475950|Original|hCoV-
19^^Singapore|Human|National Public Health Laboratory|National Public Health
Laboratory|Mak|Singapore
>Spike|hCoV-19/USA/NY-NYCPHL-000523/2020|2020-03-19|EPI_ISL_631984|Original|hCoV-
19^^New York|Human|Brookdale University Hospital Medical Center|New York City Public
Health Laboratory|Wang|USA
>Spike|hCoV-19/England/CAMC-C73804/2020|2020-12-15|EPI_ISL_769097|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/LA-GBCL-26159761/2020|2020-04-11|EPI_ISL_485011|Original|hCoV-
19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical
Laboratory|Smith|USA
>Spike|hCoV-19/Denmark/DCGC-12549/2020|2020-11-16|EPI_ISL_682730|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-B7BD95/2020|2020-11-12|EPI_ISL_724058|Original|hCoV-
19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK)
Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14232/2020|2020-10-05|EPI_ISL_787517|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Wales/PHWC-47F1BA/2020|2020-10-11|EPI_ISL_612641|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Israel/13077413/2020|2020-04-03|EPI_ISL_447438|Original|hCoV-19^^Tel
Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Denmark/DCGC-19982/2020|2020-12-07|EPI_ISL_747907|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-13349/2020|2020-04-30|EPI_ISL_672444|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-95AE13/2020|2020-06-15|EPI_ISL_555570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B89E46/2020|2020-11-13|EPI_ISL_675505|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008586/2020|2020-09-21|EPI_ISL_654126|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH726/2020|2020-04-16|EPI_ISL_513228|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-B56291/2020|2020-11-05|EPI_ISL_657396|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9765A3/2020|2020-08-17|EPI_ISL_575805|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/G-NVRL-73IRL28112/2020|2020-09-16|EPI_ISL_578280|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/CVR3928/2020|2020-06-05|EPI_ISL_512471|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/BRIS-1303C1/2020|2020-04-11|EPI_ISL_492526|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-100/2020|2020-10-22|EPI_ISL_671946|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Finland/S12CF9/2020|2020-10-31|EPI_ISL_732633|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/UT-UPHL-2012598726/2020|2020-11-30|EPI_ISL_746906|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Japan/PG-6994/2020|2020-08-00|EPI_ISL_688099|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9CB81F/2020|2020-09-16|EPI_ISL_575457|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002547/2020|2020-07-30|EPI_ISL_535417|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-9E8445/2020|2020-09-24|EPI_ISL_637414|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORW-F10D5/2020|2020-10-16|EPI_ISL_627300|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL431/2020|2020-06-11|EPI_ISL_578837|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/BIRM-629C5/2020|2020-08-27|EPI_ISL_529635|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Belgium/ML-0324164/2020|2020-03-24|EPI_ISL_420421|Original|hCoV-19^^Zoutleeuw|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Luxembourg/LNS0225895/2020|2020-11-17|EPI_ISL_739741|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-9452A6/2020|2020-07-14|EPI_ISL_556921|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1119/2020|2020-08-10|EPI_ISL_526605|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-B401AC/2020|2020-11-08|EPI_ISL_657278|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI1-N/2020|2020-02-03|EPI_ISL_451300|Original|hCoV-19^^Lazio|Human|Laboratory of Virology|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/England/ALDP-647EFE/2020|2020-07-04|EPI_ISL_558114|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB03FC/2020|2020-11-17|EPI_ISL_720278|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC369/2020|2020-05-01|EPI_ISL_645185|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Singapore/873/2020|2020-04-05|EPI_ISL_536414|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/MI-MDHHS-SC20499/2020|2020-05-11|EPI_ISL_460037|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-UM-2006S001054/2020|2020-04-04|EPI_ISL_484799|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/India/DL-NCDC7721-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482664|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/CAMC-BC1844/2020|2020-11-20|EPI_ISL_703457|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NOTT-10F246/2020|2020-04-01|EPI_ISL_432980|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-ACC9FC/2020|2020-10-21|EPI_ISL_629331|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0381/2020|2020-11-10|EPI_ISL_760165|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Scotland/CAMC-A82C44/2020|2020-10-12|EPI_ISL_625302|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0920/2020|2020-03-29|EPI_ISL_511177|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B3BA6D/2020|2020-11-02|EPI_ISL_679785|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Hong Kong/HKU-200723-018/2020|2020-07-14|EPI_ISL_497785|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Wales/PHWC-169857/2020|2020-07-19|EPI_ISL_512522|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-973254/2020|2020-08-20|EPI_ISL_575956|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96173C/2020|2020-08-01|EPI_ISL_537110|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664542/2020|2020-04-20|EPI_ISL_696159|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/WI-UW-1378/2020|2020-09-08|EPI_ISL_536749|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-8259/2020|2020-10-26|EPI_ISL_617285|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-13EFC/2020|2020-12-15|EPI_ISL_763530|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B45A60/2020|2020-11-07|EPI_ISL_656062|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A4117F/2020|2020-10-06|EPI_ISL_609350|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15043/2020|2020-11-23|EPI_ISL_713205|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-BC3BA3/2020|2020-11-25|EPI_ISL_704155|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5C74E6/2020|2020-06-19|EPI_ISL_558557|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2133/2020|2020-03-21|EPI_ISL_776372|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMC-B3390E/2020|2020-11-05|EPI_ISL_659101|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670131/2020|2020-05-02|EPI_ISL_696342|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/NORW-E9753/2020|2020-04-23|EPI_ISL_448329|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Italy/LOM-UniMI10/2020|2020-03-11|EPI_ISL_779714|Original|hCoV-19^^Lombardy|Human|Laboratory of Infectious Diseases|Laboratory of Infectious Diseases|Lai|Italy

>Spike|hCoV-19/USA/WI-UW-767/2020|2020-07-03|EPI_ISL_495472|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-14295/2020|2020-10-05|EPI_ISL_787580|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_RAB_isl_114_BGD/2020|2020-04-29|EPI_ISL_774894|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh
>Spike|hCoV-19/England/QEUIH-9B6F8B/2020|2020-09-07|EPI_ISL_590655|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48839A/2020|2020-10-29|EPI_ISL_639386|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/South Africa/R10571/2020|2020-06-10|EPI_ISL_490287|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/Australia/VIC197/2020|2020-03-19|EPI_ISL_419893|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/England/MILK-99CC48/2020|2020-08-31|EPI_ISL_549848|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-1207/2020|2020-07-24|EPI_ISL_541180|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/CAMB-7282F/2020|2020-03-22|EPI_ISL_439606|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/USA/TX-DSHS-0539/2020|2020-05-14|EPI_ISL_574443|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Japan/PG-0897/2020|2020-03-00|EPI_ISL_684507|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-991A58/2020|2020-08-26|EPI_ISL_577016|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Scotland/CVR2389/2020|2020-04-14|EPI_ISL_484582|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/QEUIH-9E4A0B/2020|2020-09-23|EPI_ISL_579823|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON_MU-S284/2020|2020-03-28|EPI_ISL_463976|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/England/MILK-B95CD4/2020|2020-11-14|EPI_ISL_675015|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/NA_145/2020|2020-03-19|EPI_ISL_422685|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/TX-HMH-MCoV-18534/2020|2020-11-20|EPI_ISL_784882|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-9603/2020|2020-07-03|EPI_ISL_780179|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9397/2020|2020-07-03|EPI_ISL_781096|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16C14A/2020|2020-09-08|EPI_ISL_574015|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG380033/2020|2020-06-16|EPI_ISL_694645|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Sweden/20-51697/2020|2020-05-23|EPI_ISL_510834|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-6720/2020|2020-06-24|EPI_ISL_546192|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9DEB3/2020|2020-04-05|EPI_ISL_453244|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008477/2020|2020-08-09|EPI_ISL_654060|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/20146062504/2020|2020-04-02|EPI_ISL_421989|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-CB6674/2020|2020-12-19|EPI_ISL_761826|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8728/2020|2020-07-27|EPI_ISL_565158|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/KRISP-K002440/2020|2020-07-29|EPI_ISL_515796|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/Limburg_35/2020|2020-04-22|EPI_ISL_461023|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC20817/2020|2020-05-13|EPI_ISL_471838|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/GCVR-171740/2020|2020-03-28|EPI_ISL_489703|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14448/2020|2020-10-08|EPI_ISL_787733|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG602415/2020|2020-07-14|EPI_ISL_695644|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/SC-DHEC-0233/2020|2020-05-29|EPI_ISL_529196|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/Denmark/DCGC-1132/2020|2020-03-09|EPI_ISL_614598|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/LH-NVRL-73IRL41641/2020|2020-09-09|EPI_ISL_639862|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-CHLA-PLM71497073/2020|2020-12-04|EPI_ISL_753613|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/NSW2548/2020|2020-04-04|EPI_ISL_527049|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Sichuan/SC-GA-064/2020|2020-01-30|EPI_ISL_451315|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/ALDP-C3D851/2020|2020-12-10|EPI_ISL_730699|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1000/2020|2020-11-21|EPI_ISL_722684|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-18416/2020|2020-12-07|EPI_ISL_749329|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9CBD3E/2020|2020-09-16|EPI_ISL_575511|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-INCA-C28/2020|2020-04-16|EPI_ISL_513536|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil

>Spike|hCoV-19/Spain/PV-IBV-000748/2020|2020-03-07|EPI_ISL_452740|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-2510/2020|2020-12-29|EPI_ISL_779342|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/MILK-ACCC6C/2020|2020-10-20|EPI_ISL_630116|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC2B5/2020|2020-10-21|EPI_ISL_629399|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9B9A4B/2020|2020-09-07|EPI_ISL_549549|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr471/2020|2020-09-12|EPI_ISL_636901|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/USA/CA-ALSR-1126/2020|2020-04-03|EPI_ISL_494378|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Canada/ON-UHTC_0328/2020|2020-09-07|EPI_ISL_609809|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Australia/VIC2920/2020|2020-07-08|EPI_ISL_521751|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2750/2020|2020-07-21|EPI_ISL_525740|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Italy/ABR-IZSGC-TE5780/2020|2020-03-21|EPI_ISL_420567|Original|hCoV-19^^Abruzzo|Human|Ospedale Regionale San Salvatore|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\\Lorusso|Italy

>Spike|hCoV-19/USA/CA-CZB-10913/2020|2020-08-27|EPI_ISL_583142|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CT-UW-2468/2020|2020-03-30|EPI_ISL_477677|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-16F39C/2020|2020-09-30|EPI_ISL_585955|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A7803/2020|2020-03-27|EPI_ISL_517075|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A7DB7C/2020|2020-10-13|EPI_ISL_638466|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-412/2020|2020-04-07|EPI_ISL_582249|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/CA-CZB-15957/2020|2020-11-30|EPI_ISL_739650|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-492E05/2020|2020-11-27|EPI_ISL_725792|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB2350/2020|2020-04-22|EPI_ISL_491567|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-88095-01/2020|2020-05-09|EPI_ISL_676916|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Spain/CT-ISCI-2012564/2020|2020-05-15|EPI_ISL_539535|Original|hCoV-19^^Catalunya|Human|Hospital Cl\u00e0nic|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/MILK-BAA6A1/2020|2020-11-17|EPI_ISL_783270|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2141/2020|2020-10-15|EPI_ISL_677545|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Russia/StPetersburg-RII15231S/2020|2020-05-12|EPI_ISL_507264|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/India/MH-ACTREC-391/2020|2020-07-29|EPI_ISL_700040|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/NOTT-1117BB/2020|2020-05-20|EPI_ISL_461923|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Sweden/20-50299/2020|2020-03-12|EPI_ISL_475129|Original|hCoV-19^^Varmland|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-MCoV-19342/2020|2020-09-08|EPI_ISL_783775|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DBD366/2020|2020-10-26|EPI_ISL_664301|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-C57B67/2020|2020-12-12|EPI_ISL_736236|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-14317/2020|2020-05-05|EPI_ISL_469056|Original|hCoV-19^^Ostergotland|Human|Jourcentralen|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMC-94AC49/2020|2020-07-30|EPI_ISL_556531|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15153/2020|2020-11-23|EPI_ISL_739008|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A85D7B/2020|2020-10-17|EPI_ISL_610563|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13DE69/2020|2020-12-03|EPI_ISL_724296|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012485866/2020|2020-08-14|EPI_ISL_746140|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Germany/NW-HHU-111/2020|2020-08-27|EPI_ISL_539588|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/ALDP-A2F06B/2020|2020-10-05|EPI_ISL_587259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED0A6/2020|2020-05-06|EPI_ISL_589386|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4709/2020|2020-06-29|EPI_ISL_730096|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-9468/2020|2020-11-09|EPI_ISL_668985|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-2079/2020|2020-04-10|EPI_ISL_468900|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/204742478/2020|2020-11-17|EPI_ISL_683542|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481A05/2020|2020-10-02|EPI_ISL_613136|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20739/2020|2020-04-29|EPI_ISL_471760|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-48C2D5/2020|2020-11-08|EPI_ISL_665605|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-99251/2020|2020-04-07|EPI_ISL_439702|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2F98D/2020|2020-11-03|EPI_ISL_659952|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-9AE5A2/2020|2020-09-02|EPI_ISL_577544|Original|hCoV-19^^Wales|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/BRIS-128DBF/2020|2020-04-15|EPI_ISL_458838|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-11819/2020|2020-05-05|EPI_ISL_466683|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Spain/PV-IBV-98007639/2020|2020-09-08|EPI_ISL_582047|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-18981/2020|2020-11-25|EPI_ISL_785263|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A87A81/2020|2020-10-17|EPI_ISL_606139|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000019/2020|2020-03-10|EPI_ISL_631516|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Norway/2815/2020|2020-06-29|EPI_ISL_493380|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/LOND-124C81A/2020|2020-00-00|EPI_ISL_490435|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2151/2020|2020-11-26|EPI_ISL_708489|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Singapore/217nan/2020|2020-04-01|EPI_ISL_538467|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Japan/PG-5148/2020|2020-08-00|EPI_ISL_690255|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-2298/2020|2020-04-00|EPI_ISL_685903|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204191913/2020|2020-10-11|EPI_ISL_603194|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-CA49DA/2020|2020-12-15|EPI_ISL_762198|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/N00058/2020|2020-08-12|EPI_ISL_622958|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/UT-0533/2020|2020-04-03|EPI_ISL_435367|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/BRIS-128E8F/2020|2020-04-18|EPI_ISL_458737|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C886D/2020|2020-09-09|EPI_ISL_567250|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165B16/2020|2020-06-04|EPI_ISL_490768|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EBDB9/2020|2020-05-08|EPI_ISL_457509|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163240/2020|2020-05-11|EPI_ISL_473267|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-BA2E1A/2020|2020-11-18|EPI_ISL_672854|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg_26/2020|2020-04-09|EPI_ISL_464137|Original|hCoV-19^^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/Japan/PG-1447/2020|2020-04-00|EPI_ISL_685054|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012321043/2020|2020-08-09|EPI_ISL_745814|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-7061/2020|2020-10-12|EPI_ISL_619116|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4063/2020|2020-07-00|EPI_ISL_692304|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-94F691/2020|2020-06-18|EPI_ISL_555960|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/LR00094/2020|2020-07-15|EPI_ISL_514396|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Switzerland/VD-ETHZ-100130/2020|2020-03-16|EPI_ISL_451714|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-UW-1758/2020|2020-09-17|EPI_ISL_605631|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NORT-1B6C0C8/2020|2020-10-01|EPI_ISL_612561|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LIVE-DCA6F4/2020|2020-12-03|EPI_ISL_724378|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-A98100/2020|2020-12-14|EPI_ISL_764338|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2021/2020|2020-03-21|EPI_ISL_776325|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Sweden/20-07025/2020|2020-04-06|EPI_ISL_434663|Original|hCoV-19^^Stockholm|Human|Surbrunns VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-MCoV-11590/2020|2020-09-11|EPI_ISL_790062|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-QDX-1716/2020|2020-03-16|EPI_ISL_604068|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-48E7D4/2020|2020-11-13|EPI_ISL_680913|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036396949/2020|2020-10-12|EPI_ISL_610073|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-A85494/2020|2020-10-18|EPI_ISL_610576|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001537/2020|2020-03-16|EPI_ISL_509616|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Iceland/569/2020|2020-03-28|EPI_ISL_424589|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMC-B22207/2020|2020-11-02|EPI_ISL_645885|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2BA7A/2020|2020-03-28|EPI_ISL_445800|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1439/2020|2020-04-13|EPI_ISL_542724|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A6B1AC/2020|2020-10-09|EPI_ISL_608745|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1354/2020|2020-06-18|EPI_ISL_648705|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Japan/PG-8447/2020|2020-09-00|EPI_ISL_687546|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9C73F4/2020|2020-09-07|EPI_ISL_572840|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Portugal/PT1466/2020|2020-03-24|EPI_ISL_511425|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Spain/MD-H12-76/2020|2020-04-01|EPI_ISL_530006|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/Canada/ON-E76/2020|2020-05-06|EPI_ISL_593549|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/CVR3140/2020|2020-04-28|EPI_ISL_490693|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20118054004/2020|2020-03-12|EPI_ISL_464926|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-A1E72E/2020|2020-09-28|EPI_ISL_587414|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC580/2020|2020-03-25|EPI_ISL_426837|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/BIRM-5F6D3/2020|2020-05-02|EPI_ISL_473321|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DAF54/2020|2020-09-21|EPI_ISL_601486|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2157/2020|2020-03-11|EPI_ISL_500635|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/USA/WA-UW-12846/2020|2020-06-29|EPI_ISL_570911|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC8866/2020|2020-07-22|EPI_ISL_565247|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC5052/2020|2020-07-18|EPI_ISL_519855|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A67401/2020|2020-10-12|EPI_ISL_630451|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2FA8B/2020|2020-10-05|EPI_ISL_587111|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-380376/2020|2020-11-22|EPI_ISL_721796|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-B66735/2020|2020-11-10|EPI_ISL_655023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17708/2020|2020-12-14|EPI_ISL_751158|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC4A85/2020|2020-11-11|EPI_ISL_705912|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20094903/2020|2020-12-12|EPI_ISL_754215|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20987/2020|2020-05-22|EPI_ISL_507774|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-4571/2020|2020-06-21|EPI_ISL_543725|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-9D1D35/2020|2020-09-19|EPI_ISL_601766|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B48FD7/2020|2020-11-07|EPI_ISL_649201|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AF601/2020|2020-04-09|EPI_ISL_478756|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Norway/5397/2020|2020-11-04|EPI_ISL_708077|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Germany/BAV-MVP0295/2020|2020-05-26|EPI_ISL_548958|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/USA/WA-S945/2020|2020-04-27|EPI_ISL_463435|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-B4613D/2020|2020-11-07|EPI_ISL_656173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B66753/2020|2020-11-10|EPI_ISL_654975|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2146/2020|2020-10-15|EPI_ISL_677550|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-6736/2020|2020-08-00|EPI_ISL_687847|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10550/2020|2020-11-02|EPI_ISL_670047|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACECF1/2020|2020-10-21|EPI_ISL_629288|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-295/2020|2020-00-00|EPI_ISL_561305|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/France/PAC-IHU-0921/2020|2020-04-03|EPI_ISL_568991|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/LOND-125FF79/2020|2020-03-10|EPI_ISL_516865|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-68C2D3/2020|2020-07-02|EPI_ISL_558010|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-SLB3124/2020|2020-04-22|EPI_ISL_717753|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/CAMC-B20B3B/2020|2020-11-02|EPI_ISL_647788|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19113/2020|2020-11-23|EPI_ISL_783633|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-100117/2020|2020-03-16|EPI_ISL_451701|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B0988C/2020|2020-10-30|EPI_ISL_673117|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004036/2020|2020-10-14|EPI_ISL_635017|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/WA-UW-32824/2020|2020-10-15|EPI_ISL_737091|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00243079/2020|2020-03-30|EPI_ISL_536348|Original|hCoV-19^^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Switzerland/ZH-ETHZ-390418/2020|2020-12-03|EPI_ISL_721977|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-9D4664/2020|2020-09-19|EPI_ISL_601688|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C1E01/2020|2020-04-01|EPI_ISL_432736|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LOND-125F9F3/2020|2020-04-29|EPI_ISL_482138|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-166F82/2020|2020-06-11|EPI_ISL_494134|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB3857/2020|2020-04-30|EPI_ISL_439341|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-8316/2020|2020-08-00|EPI_ISL_687415|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW817/2020|2020-08-04|EPI_ISL_526159|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-B02838/2020|2020-10-24|EPI_ISL_642798|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1250AFF/2020|2020-11-02|EPI_ISL_665246|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/WA-S790/2020|2020-04-15|EPI_ISL_449960|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/201380030/2020|2020-03-26|EPI_ISL_421797|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-29F541/2020|2020-04-29|EPI_ISL_484325|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/BRIS-1853B99/2020|2020-04-26|EPI_ISL_492329|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH1012S/2020|2020-09-05|EPI_ISL_596252|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUH-AD20B2/2020|2020-10-23|EPI_ISL_634094|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24367/2020|2020-03-17|EPI_ISL_419401|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20011215/2020|2020-04-11|EPI_ISL_463301|Original|hCoV-19^^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/NOTT-114E68/2020|2020-10-11|EPI_ISL_584775|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC5843/2020|2020-07-20|EPI_ISL_518637|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-A0548D/2020|2020-09-30|EPI_ISL_599904|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2692/2020|2020-07-02|EPI_ISL_522472|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUH-AD1235/2020|2020-10-26|EPI_ISL_633730|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4692/2020|2020-09-30|EPI_ISL_612313|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-PV09149/2020|2020-03-22|EPI_ISL_422518|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/QEUH-BCBC20/2020|2020-11-27|EPI_ISL_704490|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7DBF4/2020|2020-10-13|EPI_ISL_606416|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D6FD/2020|2020-04-06|EPI_ISL_441672|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B0A5EE/2020|2020-10-29|EPI_ISL_673195|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5D43/2020|2020-09-10|EPI_ISL_567870|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1302/2020|2020-05-14|EPI_ISL_495752|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/SAP432/2020|2020-03-21|EPI_ISL_508123|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/NOTT-10FCC0/2020|2020-04-08|EPI_ISL_432709|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-8597/2020|2020-08-00|EPI_ISL_686193|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-A5058/2020|2020-03-05|EPI_ISL_500101|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC2681/2020|2020-06-29|EPI_ISL_521522|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12974/2020|2020-08-28|EPI_ISL_788126|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-3366/2020|2020-06-12|EPI_ISL_544150|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48E983/2020|2020-11-13|EPI_ISL_680939|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16739/2020|2020-06-15|EPI_ISL_714933|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15079/2020|2020-11-23|EPI_ISL_713278|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10D70D2/2020|2020-12-09|EPI_ISL_742095|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-BAA0B2/2020|2020-11-18|EPI_ISL_783309|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC448/2020|2020-04-20|EPI_ISL_435515|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Australia/ACT0013/2020|2020-03-22|EPI_ISL_498480|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/Australia/QLD974/2020|2020-04-05|EPI_ISL_530237|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/CAMB-7A46F/2020|2020-04-02|EPI_ISL_440593|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15057/2020|2020-10-16|EPI_ISL_786541|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204394042/2020|2020-10-25|EPI_ISL_653958|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0194/2020|2020-03-21|EPI_ISL_498265|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/NORT-1B71E3F/2020|2020-11-20|EPI_ISL_706324|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust

/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/ALDP-B75F2C/2020|2020-11-12|EPI_ISL_723716|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS4254328/2020|2020-03-24|EPI_ISL_429737|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/ALDP-A6892F/2020|2020-10-12|EPI_ISL_608694|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW-8065/2020|2020-04-24|EPI_ISL_570197|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Denmark/DCGC-7836/2020|2020-10-19|EPI_ISL_618765|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/OXON-B2234/2020|2020-04-14|EPI_ISL_479130|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Crimea/RII-MH3437S/2020|2020-10-07|EPI_ISL_733151|Original|hCoV-19^^Simpheropol|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Crimea
>Spike|hCoV-19/Netherlands/ZuidHolland_18/2020|2020-03-03|EPI_ISL_414560|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Australia/VIC3546/2020|2020-07-07|EPI_ISL_520295|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/LIVE-9E298/2020|2020-04-03|EPI_ISL_453284|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/India/DL-IGIB11305231/2020|2020-08-00|EPI_ISL_751287|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India
>Spike|hCoV-19/Netherlands/NB-EMC-309/2020|2020-10-10|EPI_ISL_632662|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/WA-OHSU-0462/2020|2020-06-09|EPI_ISL_526088|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA
>Spike|hCoV-19/Singapore/1300/2020|2020-05-15|EPI_ISL_648787|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore
>Spike|hCoV-19/Switzerland/ZH-ETHZ-310485/2020|2020-10-08|EPI_ISL_603555|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/NY-NYCPHL-000669/2020|2020-03-18|EPI_ISL_632087|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/Canada/QC-LSPQ-L00237374/2020|2020-03-25|EPI_ISL_536179|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada
>Spike|hCoV-19/Denmark/ALAB-SSI143/2020|2020-03-09|EPI_ISL_429361|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/England/ALDP-A51604/2020|2020-10-07|EPI_ISL_597935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495F4B/2020|2020-11-23|EPI_ISL_726508|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0094/2020|2020-06-05|EPI_ISL_511848|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/BRIS-121A19/2020|2020-03-14|EPI_ISL_440298|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9515AE/2020|2020-06-13|EPI_ISL_554212|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008807/2020|2020-05-26|EPI_ISL_524833|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-200065/2020|2020-07-14|EPI_ISL_510746|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9ED0F1/2020|2020-05-05|EPI_ISL_589549|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204781664/2020|2020-11-20|EPI_ISL_683568|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2EBC4/2020|2020-11-04|EPI_ISL_660067|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17931/2020|2020-08-07|EPI_ISL_779567|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/Belgium/ULG-10054/2020|2020-04-05|EPI_ISL_424656|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Singapore/532/2020|2020-04-26|EPI_ISL_479488|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine Tan Tock Seng Hospital|Department of Laboratory Medicine Tan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/United Arab Emirates/0756/2020|2020-05-16|EPI_ISL_698904|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/UT-01975/2020|2020-04-16|EPI_ISL_452165|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-89EA01/2020|2020-07-21|EPI_ISL_532730|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51640/2020|2020-10-07|EPI_ISL_598101|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4968F4/2020|2020-11-21|EPI_ISL_726655|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9697CB/2020|2020-08-14|EPI_ISL_531085|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B867D/2020|2020-10-25|EPI_ISL_651655|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC5480/2020|2020-07-20|EPI_ISL_520228|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-4186/2020|2020-07-00|EPI_ISL_692425|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-29751/2020|2020-09-28|EPI_ISL_717779|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C8D6D0/2020|2020-12-14|EPI_ISL_777046|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08951/2020|2020-07-31|EPI_ISL_534233|Original|hCoV-19^^Stockholm|Human|Capio S|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/OXON-B1B67/2020|2020-05-03|EPI_ISL_479076|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D83E/2020|2020-11-09|EPI_ISL_704438|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A75E7B/2020|2020-10-15|EPI_ISL_613307|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-260167/2020|2020-08-26|EPI_ISL_539459|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-0657/2020|2020-04-07|EPI_ISL_508861|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-1662A7/2020|2020-06-19|EPI_ISL_490858|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/GSTT-265DA37/2020|2020-03-26|EPI_ISL_484052|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/QEUA-B3FD24/2020|2020-11-08|EPI_ISL_658730|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1549/2020|2020-06-21|EPI_ISL_693562|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-54B8A2/2020|2020-05-12|EPI_ISL_533372|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2328/2020|2020-11-16|EPI_ISL_728094|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-270134/2020|2020-08-28|EPI_ISL_541450|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4A0AB5/2020|2020-12-10|EPI_ISL_743539|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18410/2020|2020-11-18|EPI_ISL_784758|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-300465/2020|2020-09-30|EPI_ISL_603413|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/202822200/2020|2020-06-15|EPI_ISL_490252|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC7672/2020|2020-07-17|EPI_ISL_564567|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Israel/CVL-n1749/2020|2020-03-04|EPI_ISL_649098|Original|hCoV-19^^Sdema|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/QEUEH-AD16FD/2020|2020-10-26|EPI_ISL_634539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F12C/2020|2020-10-05|EPI_ISL_587068|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201007307/2020|2020-04-03|EPI_ISL_594394|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-A67049/2020|2020-10-12|EPI_ISL_630595|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15732/2020|2020-00-00|EPI_ISL_593430|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LEED-2A84B1/2020|2020-03-24|EPI_ISL_539201|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A5E0BE/2020|2020-10-12|EPI_ISL_597421|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14959/2020|2020-11-18|EPI_ISL_739284|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-24473/2020|2020-03-17|EPI_ISL_419414|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2456/2020|2020-06-25|EPI_ISL_522162|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B5A655/2020|2020-11-06|EPI_ISL_658168|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A53C8/2020|2020-03-19|EPI_ISL_500114|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A68A95/2020|2020-10-12|EPI_ISL_608933|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B387C3/2020|2020-11-01|EPI_ISL_658882|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A93EB3/2020|2020-10-19|EPI_ISL_611256|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB3A21/2020|2020-11-19|EPI_ISL_702997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-6448/2020|2020-03-00|EPI_ISL_548176|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/India/MH-MW3/2020|2020-04-27|EPI_ISL_508433|Original|hCoV-19^^Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Canada/BC_10600259/2020|2020-04-00|EPI_ISL_477114|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Switzerland/VD-ETHZ-100230/2020|2020-03-17|EPI_ISL_574997|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-14120/2020|2020-10-02|EPI_ISL_787406|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AA869/2020|2020-04-17|EPI_ISL_470106|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/333487/2020|2020-03-23|EPI_ISL_496744|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/OR-OHSU-1753/2020|2020-07-24|EPI_ISL_526020|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/VIC8129/2020|2020-08-06|EPI_ISL_564866|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/GCVR-16FFB6/2020|2020-03-24|EPI_ISL_459507|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5236/2020|2020-08-00|EPI_ISL_690339|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14597/2020|2020-11-23|EPI_ISL_711865|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5685/2020|2020-07-20|EPI_ISL_518491|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-15964/2020|2020-11-30|EPI_ISL_739037|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-B12A5D/2020|2020-11-02|EPI_ISL_642501|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12908/2020|2020-08-18|EPI_ISL_788060|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A570E2/2020|2020-10-09|EPI_ISL_597397|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uruguay/TYT-M97/2020|2020-06-27|EPI_ISL_750173|Original|hCoV-19^^Treinta y Tres|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/Australia/VIC7958/2020|2020-08-06|EPI_ISL_564769|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3270/2020|2020-04-00|EPI_ISL_691385|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Thailand/CO63-1170-3/2020|2020-03-22|EPI_ISL_450976|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/Singapore/963/2020|2020-09-14|EPI_ISL_548972|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Northern Ireland/QEUEH-96DCB9/2020|2020-08-20|EPI_ISL_530674|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4834AB/2020|2020-09-22|EPI_ISL_627824|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4000/2020|2020-10-03|EPI_ISL_636363|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/MILK-B8965D/2020|2020-11-13|EPI_ISL_675879|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9587/2020|2020-11-09|EPI_ISL_669051|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0393/2020|2020-05-31|EPI_ISL_542453|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-6400/2020|2020-09-21|EPI_ISL_622283|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1473/2020|2020-03-13|EPI_ISL_775913|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/mink/Netherlands/NB-EMC-16-10/2020|2020-06-21|EPI_ISL_523030|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Brazil/RS-00651/2020|2020-11-25|EPI_ISL_770551|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/LA-EVTL1213/2020|2020-12-14|EPI_ISL_768482|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-21948/2020|2020-12-21|EPI_ISL_757965|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204321106/2020|2020-10-17|EPI_ISL_649821|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-SCCPHD-UC199/2020|2020-03-21|EPI_ISL_671767|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9294/2020|2020-07-03|EPI_ISL_781043|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/MB-NML-587/2020|2020-03-27|EPI_ISL_582276|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/ME-HETL-J0338/2020|2020-11-24|EPI_ISL_755466|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Brazil/SP-L10-CD176/2020|2020-03-17|EPI_ISL_476189|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Australia/VIC2435/2020|2020-06-24|EPI_ISL_522143|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/HH-hpi-p1606/2020|2020-03-16|EPI_ISL_776066|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Northern Ireland/QEUI-96402F/2020|2020-08-12|EPI_ISL_536949|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15814/2020|2020-07-05|EPI_ISL_785498|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9E8788/2020|2020-09-24|EPI_ISL_637715|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-8651/2020|2020-09-00|EPI_ISL_686247|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15624/2020|2020-11-23|EPI_ISL_713111|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B31D8C/2020|2020-11-04|EPI_ISL_646287|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B11A5E/2020|2020-11-02|EPI_ISL_642296|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98010625/2020|2020-09-30|EPI_ISL_722226|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUA-AD1EF5/2020|2020-10-26|EPI_ISL_629834|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00298/2020|2020-04-01|EPI_ISL_460265|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/CA-ALSR-4302/2020|2020-10-01|EPI_ISL_648952|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-5877/2020|2020-08-00|EPI_ISL_688992|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-UM-10035711854/2020|2020-08-29|EPI_ISL_583305|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUA-9FB069/2020|2020-09-29|EPI_ISL_588197|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-4663/2020|2020-11-09|EPI_ISL_667544|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-4906/2020|2020-09-21|EPI_ISL_621444|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19328/2020|2020-12-07|EPI_ISL_748885|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-1266DC0/2020|2020-12-10|EPI_ISL_741211|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6492/2020|2020-06-27|EPI_ISL_546035|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AN-IBV-001913/2020|2020-03-16|EPI_ISL_467079|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\u00e0ldiz - INIBICA|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Switzerland/BS-42206747/2020|2020-03-25|EPI_ISL_581751|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/OXON-AD515/2020|2020-00-00|EPI_ISL_448585|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42177430/2020|2020-03-05|EPI_ISL_418434|Original|hCoV-19^^Basel|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MI-MDHHS-SC20666/2020|2020-04-29|EPI_ISL_471690|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-NYUMC109/2020|2020-03-17|EPI_ISL_421721|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20621/2020|2020-12-20|EPI_ISL_790699|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-9C3659/2020|2020-09-10|EPI_ISL_566845|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB208A/2020|2020-11-18|EPI_ISL_720097|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-003008/2020|2020-04-02|EPI_ISL_474932|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-6383/2020|2020-08-00|EPI_ISL_688620|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Jordan/AM-ALSR-3979/2020|2020-10-02|EPI_ISL_636342|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/France/IDF-70001GR/2020|2020-03-00|EPI_ISL_447655|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/USA/CA-CZB-12800/2020|2020-10-15|EPI_ISL_648453|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-A9F558/2020|2020-10-20|EPI_ISL_611399|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0093/2020|2020-06-17|EPI_ISL_540971|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Norway/5857/2020|2020-11-15|EPI_ISL_775338|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Israel/CVL-277-ngs/2020|2020-12-27|EPI_ISL_776862|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Denmark/DCGC-20429/2020|2020-12-21|EPI_ISL_758728|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-PV08414/2020|2020-03-16|EPI_ISL_421377|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Belgium/regA-0325871/2020|2020-03-25|EPI_ISL_734521|Original|hCoV-19^^Ottignies-Louvain-la-Neuve|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUA-95E608/2020|2020-08-08|EPI_ISL_532459|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9865/2020|2020-08-13|EPI_ISL_565749|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S48/2020|2020-02-29|EPI_ISL_417101|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A51FAF/2020|2020-10-07|EPI_ISL_597901|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19479/2020|2020-11-30|EPI_ISL_783864|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20196026804/2020|2020-05-05|EPI_ISL_465623|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1609/2020|2020-03-16|EPI_ISL_775680|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-BAC0A1/2020|2020-11-18|EPI_ISL_783133|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/136/2020|2020-03-11|EPI_ISL_434473|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Belgium/ULG-10946/2020|2020-11-25|EPI_ISL_678485|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Japan/PG-6085/2020|2020-07-00|EPI_ISL_689197|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB6271/2020|2020-04-07|EPI_ISL_487927|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/537/2020|2020-06-02|EPI_ISL_482685|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/QEUEH-B2D57C/2020|2020-11-04|EPI_ISL_660053|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21165/2020|2020-04-03|EPI_ISL_507422|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Singapore/1314/2020|2020-05-19|EPI_ISL_648801|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Denmark/DCGC-21445/2020|2020-12-21|EPI_ISL_758170|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1741/2020|2020-09-16|EPI_ISL_576250|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-2136/2020|2020-04-00|EPI_ISL_685741|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A191F8/2020|2020-10-03|EPI_ISL_612491|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LEED-2A8FB0/2020|2020-04-05|EPI_ISL_539093|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8449/2020|2020-07-01|EPI_ISL_780566|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-14227/2020|2020-11-13|EPI_ISL_739016|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-9EA9AE/2020|2020-09-24|EPI_ISL_579939|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-990303/2020|2020-08-26|EPI_ISL_539979|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9737/2020|2020-11-09|EPI_ISL_669136|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2270/2020|2020-08-10|EPI_ISL_617627|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9992A3/2020|2020-08-24|EPI_ISL_541784|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-31811/2020|2020-11-06|EPI_ISL_661114|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/EXET-13AFB4/2020|2020-11-11|EPI_ISL_665105|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0036/2020|2020-03-22|EPI_ISL_515321|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/India/MH-ACTREC-470/2020|2020-08-11|EPI_ISL_700118|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-10169/2020|2020-11-09|EPI_ISL_669433|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MS-CDC-6557/2020|2020-09-03|EPI_ISL_648010|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUA-A1DBD8/2020|2020-09-29|EPI_ISL_587559|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4780/2020|2020-09-20|EPI_ISL_627349|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Iceland/117/2020|2020-03-17|EPI_ISL_417542|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Wales/PHWC-49102E/2020|2020-11-17|EPI_ISL_706600|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB5358/2020|2020-05-24|EPI_ISL_457007|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7970956/2020|2020-03-17|EPI_ISL_421734|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/CVR4285/2020|2020-09-09|EPI_ISL_559958|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR5666/2020|2020-11-09|EPI_ISL_651895|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Norway/4919/2020|2020-10-24|EPI_ISL_668432|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/India/MH-NCCS-NR-9077/2020|2020-06-03|EPI_ISL_721666|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/CA-ALSR-4405/2020|2020-10-27|EPI_ISL_649011|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Northern Ireland/QEUIH-96221C/2020|2020-08-10|EPI_ISL_531712|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5795/2020|2020-06-30|EPI_ISL_547021|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-A8617/2020|2020-03-26|EPI_ISL_517190|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM47567508/2020|2020-11-30|EPI_ISL_753441|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/CVR425/2020|2020-03-22|EPI_ISL_433291|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Finland/17A14S4/2020|2020-04-17|EPI_ISL_481573|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/CAMC-A3EA4D/2020|2020-10-05|EPI_ISL_609554|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C3E96/2020|2020-08-22|EPI_ISL_529521|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-UW-47248/2020|2020-12-07|EPI_ISL_776696|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-10CE34E/2020|2020-12-10|EPI_ISL_742009|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/AZ-TG397126/2020|2020-06-22|EPI_ISL_694845|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUIH-9F6BE5/2020|2020-09-27|EPI_ISL_595619|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2163/2020|2020-03-28|EPI_ISL_776393|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-A7C1E4/2020|2020-10-15|EPI_ISL_606437|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-005993/2020|2020-03-26|EPI_ISL_500425|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Luxembourg/LNS8720271/2020|2020-12-01|EPI_ISL_770937|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Canada/BC_27303944/2020|2020-03-00|EPI_ISL_463273|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-21649/2020|2020-12-21|EPI_ISL_758285|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-HP00061/2020|2020-03-16|EPI_ISL_457803|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/MILK-99CC93/2020|2020-08-30|EPI_ISL_549947|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-2567/2020|2020-04-06|EPI_ISL_729818|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/ALDP-C3C324/2020|2020-12-10|EPI_ISL_731021|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5520B/2020|2020-11-04|EPI_ISL_657789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A00367/2020|2020-10-02|EPI_ISL_600499|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3924/2020|2020-06-17|EPI_ISL_543283|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-AB74E4/2020|2020-10-21|EPI_ISL_623453|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1267/2020|2020-03-31|EPI_ISL_433527|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0783/2020|2020-05-19|EPI_ISL_698925|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/201100061/2020|2020-03-09|EPI_ISL_464637|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-C14E21/2020|2020-12-06|EPI_ISL_709388|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-24322/2020|2020-08-13|EPI_ISL_570600|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-6686/2020|2020-06-24|EPI_ISL_546173|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B42492/2020|2020-11-08|EPI_ISL_657231|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-16220/2020|2020-03-29|EPI_ISL_508906|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Scotland/CVR4433/2020|2020-09-15|EPI_ISL_585303|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1016/2020|2020-04-21|EPI_ISL_644170|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/EDB2100/2020|2020-04-19|EPI_ISL_439151|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-321482/2020|2020-10-15|EPI_ISL_603694|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-B107A3/2020|2020-11-02|EPI_ISL_641837|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP00549/2020|2020-04-06|EPI_ISL_511869|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Denmark/DCGC-14204/2020|2020-11-30|EPI_ISL_711106|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204180580/2020|2020-10-09|EPI_ISL_609855|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E19D/2020|2020-09-25|EPI_ISL_595417|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-94625A/2020|2020-07-13|EPI_ISL_556667|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2607/2020|2020-08-17|EPI_ISL_617844|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48F68B/2020|2020-11-10|EPI_ISL_681122|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14528/2020|2020-11-30|EPI_ISL_711139|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10868/2020|2020-11-13|EPI_ISL_678412|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Spain/PV-IBV-000786/2020|2020-03-09|EPI_ISL_452723|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-4014/2020|2020-08-01|EPI_ISL_548676|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-86130C/2020|2020-07-15|EPI_ISL_557504|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-065/2020|2020-04-17|EPI_ISL_481247|Original|hCoV-19^^Los Rios|Human|Hospital IESS Babahoyo|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/Finland/7LS4AH5/2020|2020-10-07|EPI_ISL_756038|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/TX-DSHS-0082/2020|2020-05-10|EPI_ISL_522367|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/VA-DCLS-0076/2020|2020-03-27|EPI_ISL_429975|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/QEUAH-AD0870/2020|2020-10-24|EPI_ISL_649725|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6B25/2020|2020-12-17|EPI_ISL_765103|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/WB-S33/2020|2020-05-02|EPI_ISL_455662|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/CA-CZB-1404/2020|2020-04-20|EPI_ISL_468383|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Brazil/RJ-00366/2020|2020-04-24|EPI_ISL_623169|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Taiwan/TSGH-37/2020|2020-02-08|EPI_ISL_457733|Original|hCoV-19^^Taipei|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/Japan/PG-6575/2020|2020-09-00|EPI_ISL_687687|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10892/2020|2020-11-02|EPI_ISL_670268|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20CV0537/2020|2020-11-06|EPI_ISL_637089|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Netherlands/NH-RIVM-20793/2020|2020-12-20|EPI_ISL_790852|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMC-B0B0DD/2020|2020-10-29|EPI_ISL_643353|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/642/2020|2020-04-21|EPI_ISL_493402|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-944122/2020|2020-06-07|EPI_ISL_554709|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-260025/2020|2020-08-22|EPI_ISL_539359|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-49D417/2020|2020-12-10|EPI_ISL_742780|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12BE04/2020|2020-05-09|EPI_ISL_469382|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13762/2020|2020-11-30|EPI_ISL_712334|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-116C11/2020|2020-10-19|EPI_ISL_595323|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1862/2020|2020-06-24|EPI_ISL_745297|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18974/2020|2020-11-26|EPI_ISL_785257|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC14512/2020|2020-08-13|EPI_ISL_592868|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/BC-BCCDC-8581/2020|2020-11-00|EPI_ISL_740830|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/MILK-992A84/2020|2020-08-27|EPI_ISL_552142|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/382/2020|2020-04-17|EPI_ISL_469131|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Canada/MB-NML-1029/2020|2020-07-30|EPI_ISL_582393|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/LA-EVTL286/2020|2020-08-26|EPI_ISL_574420|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/QEUH-99916A/2020|2020-08-24|EPI_ISL_541809|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50242/2020|2020-03-07|EPI_ISL_455883|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Japan/PG-0771/2020|2020-03-00|EPI_ISL_684381|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-2632/2020|2020-04-00|EPI_ISL_690764|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW836/2020|2020-08-01|EPI_ISL_526178|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-9C8A67/2020|2020-09-10|EPI_ISL_567264|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10446/2020|2020-07-08|EPI_ISL_789481|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0588/2020|2020-05-16|EPI_ISL_698746|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/NOTT-110585/2020|2020-04-24|EPI_ISL_441531|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-BA2CF2/2020|2020-11-18|EPI_ISL_720957|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-961295/2020|2020-08-03|EPI_ISL_532025|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5362/2020|2020-06-26|EPI_ISL_544716|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9C1F41/2020|2020-09-10|EPI_ISL_566480|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A91064/2020|2020-10-16|EPI_ISL_638501|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-DC30B1/2020|2020-11-22|EPI_ISL_705860|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E179/2020|2020-12-07|EPI_ISL_742961|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3C34/2020|2020-12-12|EPI_ISL_764609|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0205/2020|2020-03-17|EPI_ISL_512855|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Scotland/QEUA-96A7AC/2020|2020-08-16|EPI_ISL_531470|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC951/2020|2020-03-26|EPI_ISL_430646|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Brazil/PR-5622/2020|2020-03-28|EPI_ISL_541345|Original|hCoV-19^^Paran\u00e1|Human|LACEN/PR|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Scotland/CVR2173/2020|2020-04-11|EPI_ISL_448151|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10103/2020|2020-07-06|EPI_ISL_789322|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-8524A1/2020|2020-07-17|EPI_ISL_557349|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE1DC8/2020|2020-10-27|EPI_ISL_633588|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DD759/2020|2020-09-21|EPI_ISL_599753|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/HDF-IPP9631/2020|2020-11-09|EPI_ISL_693772|Original|hCoV-19^^Hauts-de-France|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/CA-QDX-78/2020|2020-03-16|EPI_ISL_467842|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Norway/4612/2020|2020-10-07|EPI_ISL_635170|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/CAMB-1B9955/2020|2020-11-07|EPI_ISL_664578|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654330/2020|2020-04-13|EPI_ISL_695980|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-DSHS-1299/2020|2020-03-31|EPI_ISL_648234|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Equatorial Guinea/39822/2020|2020-07-20|EPI_ISL_649168|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/Wales/PHWC-4A1E9A/2020|2020-12-14|EPI_ISL_743826|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_27081621/2020|2020-03-00|EPI_ISL_463259|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMC-B97F51/2020|2020-11-13|EPI_ISL_674866|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-5E0283/2020|2020-06-17|EPI_ISL_533282|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL761/2020|2020-07-21|EPI_ISL_653452|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/CVR2347/2020|2020-04-13|EPI_ISL_438890|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Singapore/822nan/2020|2020-07-06|EPI_ISL_648731|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-951966/2020|2020-06-10|EPI_ISL_555440|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-963AC8/2020|2020-08-12|EPI_ISL_536825|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2894A7/2020|2020-03-29|EPI_ISL_458645|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BA9F10/2020|2020-11-18|EPI_ISL_681432|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1007/2020|2020-04-30|EPI_ISL_462852|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/205260431/2020|2020-00-00|EPI_ISL_766543|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17221/2020|2020-12-14|EPI_ISL_750230|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49F14B/2020|2020-12-02|EPI_ISL_743171|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A67489/2020|2020-10-12|EPI_ISL_630465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3624/2020|2020-07-30|EPI_ISL_548366|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Belgium/ULG-10190/2020|2020-05-10|EPI_ISL_455978|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/ALAB-SSI-1327/2020|2020-04-02|EPI_ISL_437641|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000309/2020|2020-03-15|EPI_ISL_631836|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC927/2020|2020-03-30|EPI_ISL_427155|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-2B97D/2020|2020-03-28|EPI_ISL_445786|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-329/2020|2020-03-22|EPI_ISL_571073|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/204660322/2020|2020-11-11|EPI_ISL_686573|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-36A6D/2020|2020-05-02|EPI_ISL_474751|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C49AD4/2020|2020-12-12|EPI_ISL_718858|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481F60/2020|2020-10-20|EPI_ISL_612116|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11782/2020|2020-09-09|EPI_ISL_790110|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR5829/2020|2020-11-14|EPI_ISL_665579|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3887/2020|2020-00-00|EPI_ISL_548086|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-C6155D/2020|2020-12-13|EPI_ISL_735711|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495BA1/2020|2020-11-25|EPI_ISL_726450|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr93/2020|2020-04-18|EPI_ISL_603108|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/QEUEH-AD43F3/2020|2020-10-26|EPI_ISL_634527|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Beijing/DT-WH01/2020|2020-02-01|EPI_ISL_452360|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/England/201061455/2020|2020-03-01|EPI_ISL_464413|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2F52F7/2020|2020-00-00|EPI_ISL_703567|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-A5E388/2020|2020-10-10|EPI_ISL_597482|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10590/2020|2020-11-02|EPI_ISL_670073|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4403/2020|2020-09-07|EPI_ISL_615401|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BE-ETHZ-260152/2020|2020-08-26|EPI_ISL_539447|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-BABD32/2020|2020-11-18|EPI_ISL_783302|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8276/2020|2020-10-26|EPI_ISL_617308|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11628/2020|2020-07-22|EPI_ISL_563438|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E6878/2020|2020-09-24|EPI_ISL_580432|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/HR-TF10/2020|2020-06-17|EPI_ISL_508490|Original|hCoV-19^^Haryana|Human|Translational Health Science and Technology Institute|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Scotland/QEUEH-AE4C8C/2020|2020-10-27|EPI_ISL_649663|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12250/2020|2020-11-16|EPI_ISL_682431|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21359/2020|2020-04-01|EPI_ISL_507613|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC1621/2020|2020-05-06|EPI_ISL_456529|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC6723/2020|2020-07-26|EPI_ISL_561986|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Hong Kong/VM20009617/2020|2020-04-06|EPI_ISL_444031|Original|hCoV-19^^Hong Kong|Human|Queen Mary Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/QEUEH-B0EBBB/2020|2020-11-02|EPI_ISL_642149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6942/2020|2020-09-00|EPI_ISL_688047|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-2830F4/2020|2020-03-30|EPI_ISL_488627|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2612/2020|2020-04-15|EPI_ISL_484614|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/MH-NIV-229542/2020|2020-09-28|EPI_ISL_577685|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Denmark/DCGC-5188/2020|2020-09-21|EPI_ISL_621726|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10974/2020|2020-11-02|EPI_ISL_669744|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9B1A70/2020|2020-09-04|EPI_ISL_566428|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9E51C/2020|2020-11-18|EPI_ISL_720951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9C92D7/2020|2020-09-14|EPI_ISL_576072|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14202/2020|2020-11-09|EPI_ISL_738882|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-UW-12575/2020|2020-06-26|EPI_ISL_570865|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/France/PAC-IHU-0084/2020|2020-03-20|EPI_ISL_569300|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Japan/PG-3368/2020|2020-04-00|EPI_ISL_691483|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR5094/2020|2020-10-17|EPI_ISL_627370|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-970530/2020|2020-08-18|EPI_ISL_553145|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n2200/2020|2020-03-06|EPI_ISL_649095|Original|hCoV-19^^Rishon-Letsion|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/BRIS-1256D5/2020|2020-03-28|EPI_ISL_443834|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14313/2020|2020-11-30|EPI_ISL_711689|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-200/2020|2020-03-24|EPI_ISL_428296|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUEH-BC48F6/2020|2020-11-25|EPI_ISL_703694|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1565/2020|2020-07-20|EPI_ISL_525979|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/ACT0031/2020|2020-03-24|EPI_ISL_498498|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/Scotland/GCVR-170CF7/2020|2020-03-25|EPI_ISL_459704|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4655/2020|2020-09-14|EPI_ISL_621887|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-C477EE/2020|2020-12-10|EPI_ISL_718918|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1561/2020|2020-04-20|EPI_ISL_512401|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11328/2020|2020-09-05|EPI_ISL_789767|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Jordan/AM-ALSR-3914/2020|2020-09-30|EPI_ISL_636280|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/BRIS-125E64/2020|2020-03-30|EPI_ISL_443786|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-400035/2020|2020-12-04|EPI_ISL_729098|Original|hCoV-19^^Graub\u00fcden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-BCD417/2020|2020-11-26|EPI_ISL_704488|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292754-01/2020|2020-12-21|EPI_ISL_769932|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/LIVE-1DD84F/2020|2020-09-28|EPI_ISL_611851|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10210/2020|2020-07-07|EPI_ISL_789182|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B52769/2020|2020-11-06|EPI_ISL_657006|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-2684/2020|2020-03-16|EPI_ISL_418240|Original|hCoV-19^^\u00cele-de-France|Human|LABM GH nord Essonne|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/MILK-B93FCE/2020|2020-11-14|EPI_ISL_676120|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-526/2020|2020-03-29|EPI_ISL_447477|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/201161525/2020|2020-03-12|EPI_ISL_464852|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-C838E3/2020|2020-12-17|EPI_ISL_762840|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9546F3/2020|2020-06-09|EPI_ISL_555500|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9C0021/2020|2020-09-09|EPI_ISL_572934|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Sweden/20-19008/2020|2020-05-27|EPI_ISL_469064|Original|hCoV-19^^Stockholm|Human|Huddinge VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/QEUH-998A06/2020|2020-08-24|EPI_ISL_539955|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A0B663/2020|2020-10-01|EPI_ISL_599245|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11875/2020|2020-04-08|EPI_ISL_625597|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-ALSR-0699-SAN/2020|2020-03-28|EPI_ISL_483310|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-B221BF/2020|2020-11-03|EPI_ISL_647344|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B836AE/2020|2020-11-15|EPI_ISL_675426|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-115993/2020|2020-10-15|EPI_ISL_595276|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A00C3F/2020|2020-10-02|EPI_ISL_585562|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16AD39/2020|2020-09-08|EPI_ISL_560190|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-SC183/2020|2020-03-30|EPI_ISL_634835|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-82974/2020|2020-04-14|EPI_ISL_443535|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-A794DF/2020|2020-10-12|EPI_ISL_638806|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-12F6CC/2020|2020-03-06|EPI_ISL_488262|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20162005904/2020|2020-04-13|EPI_ISL_466402|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Chile/MA-UMAG-Catg-21/2020|2020-09-19|EPI_ISL_625677|Original|hCoV-19^^Magallanes|Human|Laboratory of Molecular Medicine|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

>Spike|hCoV-19/USA/TX-DSHS-1271/2020|2020-03-31|EPI_ISL_648227|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-14604/2020|2020-11-23|EPI_ISL_711868|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-E838D/2020|2020-04-08|EPI_ISL_449143|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/SHEF-10C9422/2020|2020-12-20|EPI_ISL_741964|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001328/2020|2020-11-12|EPI_ISL_683922|Original|hCoV-19^^New York|Human|DOHMH Fort Greene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/PG-6825/2020|2020-06-00|EPI_ISL_687933|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUH-A20228/2020|2020-10-01|EPI_ISL_599118|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169F8F/2020|2020-08-25|EPI_ISL_529716|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B6BDF2/2020|2020-11-11|EPI_ISL_655004|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8797/2020|2020-08-00|EPI_ISL_686385|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A86044/2020|2020-10-17|EPI_ISL_610309|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009577/2020|2020-07-19|EPI_ISL_605255|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NORW-F6DE8/2020|2020-11-06|EPI_ISL_650943|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-100218/2020|2020-05-02|EPI_ISL_489263|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5AE5/2020|2020-08-28|EPI_ISL_590186|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22201/2020|2020-08-03|EPI_ISL_570639|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-31ABD/2020|2020-04-11|EPI_ISL_446525|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9BEAFB/2020|2020-09-09|EPI_ISL_567986|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F860/2020|2020-10-07|EPI_ISL_609763|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1552/2020|2020-00-00|EPI_ISL_484409|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDC26/2020|2020-04-30|EPI_ISL_584498|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B1D59D/2020|2020-11-01|EPI_ISL_710992|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/Donner53/2020|2020-07-06|EPI_ISL_644958|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/England/CAMB-1AD778/2020|2020-05-01|EPI_ISL_448004|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-A94B60/2020|2020-10-20|EPI_ISL_624882|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9540/2020|2020-04-06|EPI_ISL_672124|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-11441/2020|2020-11-02|EPI_ISL_670922|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2262/2020|2020-10-11|EPI_ISL_728031|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/CVR5774/2020|2020-11-13|EPI_ISL_705124|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH1059S/2020|2020-09-06|EPI_ISL_596260|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-CDPH268/2020|2020-11-15|EPI_ISL_755095|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/India/TG-CCMB-L1499/2020|2020-05-25|EPI_ISL_471614|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-A939C1/2020|2020-10-20|EPI_ISL_611113|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6750E/2020|2020-10-10|EPI_ISL_630530|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14802/2020|2020-11-23|EPI_ISL_711993|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-265/2020|2020-07-19|EPI_ISL_498268|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/NORW-E9C72/2020|2020-04-30|EPI_ISL_448359|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUH-A4C684/2020|2020-10-07|EPI_ISL_595987|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Guangdong/20SF629/2020|2020-01-26|EPI_ISL_428466|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Center for Diseases Control and Prevention|Guangdong Provincial Institute of Public Health|School of Public Health|Gu|China

>Spike|hCoV-19/Denmark/DCGC-17522/2020|2020-12-14|EPI_ISL_751039|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-4534/2020|2020-08-27|EPI_ISL_666993|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-20176/2020|2020-11-30|EPI_ISL_747530|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A46101/2020|2020-10-06|EPI_ISL_598607|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-20-1398-T14/2020|2020-07-07|EPI_ISL_516758|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/Luxembourg/LNS4969344/2020|2020-09-23|EPI_ISL_744165|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NORW-F0346/2020|2020-10-16|EPI_ISL_627580|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-9C452E/2020|2020-09-07|EPI_ISL_566773|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036024406/2020|2020-09-18|EPI_ISL_583381|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-AB8D9D/2020|2020-10-22|EPI_ISL_623591|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3E5D3/2020|2020-10-05|EPI_ISL_609625|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR76/2020|2020-03-05|EPI_ISL_425806|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-098/2020|2020-05-23|EPI_ISL_699754|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Wales/PHWC-489F3B/2020|2020-11-04|EPI_ISL_652506|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0309/2020|2020-03-21|EPI_ISL_479984|Original|hCoV-19^^Kyusyu|Human|Oita Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-A41300/2020|2020-10-07|EPI_ISL_609496|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9B4E0/2020|2020-04-02|EPI_ISL_449453|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A46453/2020|2020-10-05|EPI_ISL_598754|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C70B1/2020|2020-09-08|EPI_ISL_573279|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0D89/2020|2020-10-22|EPI_ISL_624086|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2620/2020|2020-08-17|EPI_ISL_617857|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12556F/2020|2020-03-28|EPI_ISL_443972|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-AF581B/2020|2020-10-30|EPI_ISL_663187|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-519/2020|2020-07-03|EPI_ISL_779938|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Australia/VIC5620/2020|2020-07-16|EPI_ISL_518434|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/SO-ETHZ-400308/2020|2020-12-07|EPI_ISL_729163|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-AA2A17/2020|2020-10-22|EPI_ISL_630783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A512F/2020|2020-09-02|EPI_ISL_550153|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142022104/2020|2020-03-29|EPI_ISL_423447|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-PV09351/2020|2020-03-24|EPI_ISL_450039|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Sichuan/SC-PHCC2-045/2020|2020-01-26|EPI_ISL_451365|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Czech Republic/NRL-6847-2/2020|2020-05-10|EPI_ISL_584073|Original|hCoV-19^^Northern Bohemia Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Denmark/DCGC-17289/2020|2020-12-14|EPI_ISL_750881|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-138D52/2020|2020-00-00|EPI_ISL_626732|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/MILK-9928C6/2020|2020-08-27|EPI_ISL_552002|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA04FC/2020|2020-11-18|EPI_ISL_719750|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD1341/2020|2020-10-26|EPI_ISL_633961|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7193/2020|2020-07-05|EPI_ISL_564274|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-02530/2020|2020-04-23|EPI_ISL_493114|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/BRIS-1854020/2020|2020-04-28|EPI_ISL_492248|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2473/2020|2020-06-16|EPI_ISL_497105|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B798B4/2020|2020-11-12|EPI_ISL_741026|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL94/2020|2020-04-02|EPI_ISL_454375|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/Singapore/1383/2020|2020-07-18|EPI_ISL_648737|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Japan/PG-3387/2020|2020-05-00|EPI_ISL_690624|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-96B5FC/2020|2020-08-17|EPI_ISL_531368|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25023/2020|2020-03-21|EPI_ISL_420945|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1602F8/2020|2020-05-26|EPI_ISL_472918|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Bermuda/204990915/2020|2020-10-31|EPI_ISL_780385|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Spike|hCoV-19/Gibraltar/205000660/2020|2020-12-00|EPI_ISL_709991|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Iceland/564/2020|2020-03-28|EPI_ISL_424584|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/NORT-29BA0A/2020|2020-06-08|EPI_ISL_507121|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B46BD5/2020|2020-11-07|EPI_ISL_655979|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A31048/2020|2020-10-05|EPI_ISL_595856|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-9709BC/2020|2020-08-18|EPI_ISL_553081|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/PB-IEC-161853/2020|2020-03-19|EPI_ISL_524801|Original|hCoV-19^^Para\u00edba|Human|\uffe9Evandro Chagas Institute|\uffe9Evandro Chagas Institute|Sousa J\u00fanior|Brazil

>Spike|hCoV-19/England/NORW-F5208/2020|2020-11-22|EPI_ISL_725232|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NOTT-10F12B/2020|2020-03-31|EPI_ISL_432967|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47FB61/2020|2020-10-10|EPI_ISL_612777|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B04B3D/2020|2020-10-24|EPI_ISL_651362|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-2787/2020|2020-04-00|EPI_ISL_690914|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-BCA1E6/2020|2020-11-23|EPI_ISL_703255|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4123/2020|2020-09-21|EPI_ISL_621943|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B843A6/2020|2020-11-14|EPI_ISL_674255|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AB6E7/2020|2020-07-01|EPI_ISL_611627|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10962/2020|2020-09-08|EPI_ISL_707741|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/France/PAC-IHU-1566/2020|2020-09-02|EPI_ISL_569199|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Switzerland/SO-ETHZ-390340/2020|2020-11-30|EPI_ISL_721894|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-15711/2020|2020-07-09|EPI_ISL_785395|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-241/2020|2020-07-06|EPI_ISL_487396|Original|hCoV-19^^Barisal|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Wales/PHWC-482BE3/2020|2020-10-20|EPI_ISL_613273|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-1E206D/2020|2020-10-02|EPI_ISL_594857|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD2A1E/2020|2020-10-26|EPI_ISL_634148|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149040404/2020|2020-04-04|EPI_ISL_466190|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Chile/RM-167571/2020|2020-09-02|EPI_ISL_746700|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/New Zealand/20VR3019/2020|2020-00-00|EPI_ISL_579388|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/TX-HMH-5308/2020|2020-06-18|EPI_ISL_544669|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/HMM-0317327/2020|2020-03-17|EPI_ISL_462181|Original|hCoV-19^^Voroux-les-Liers|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-CB4773/2020|2020-12-18|EPI_ISL_760868|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrein/BAH-21/2020|2020-04-05|EPI_ISL_483562|Original|hCoV-19^^Bahrain|Human|Kingdom of Bahrein Ministry of Health|Erasmus Medical Center|Oude Munnink|Bahrain

>Spike|hCoV-19/England/MILK-B0262F/2020|2020-10-24|EPI_ISL_643022|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S713/2020|2020-04-08|EPI_ISL_449883|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-B85071/2020|2020-11-14|EPI_ISL_675751|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C2CEDB/2020|2020-12-08|EPI_ISL_733786|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-285/2020|2020-07-12|EPI_ISL_699937|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-2857/2020|2020-06-08|EPI_ISL_543827|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12D2E8/2020|2020-05-04|EPI_ISL_481861|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8091/2020|2020-10-26|EPI_ISL_617182|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-53886/2020|2020-12-14|EPI_ISL_789046|Original|hCoV-19^^unknown|Human|unknown|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/QEUH-A1FA9D/2020|2020-10-01|EPI_ISL_598937|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20437/2020|2020-12-09|EPI_ISL_728656|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-FB606/2020|2020-09-09|EPI_ISL_585243|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A3E6A3/2020|2020-10-05|EPI_ISL_625453|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL048/2020|2020-05-01|EPI_ISL_451209|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Singapore/457/2020|2020-03-19|EPI_ISL_475988|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/PORT-2EAB72/2020|2020-00-00|EPI_ISL_741712|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A28C/2020|2020-11-04|EPI_ISL_652539|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22040/2020|2020-12-14|EPI_ISL_757811|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-281408-01/2020|2020-11-03|EPI_ISL_734474|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-9EDB78/2020|2020-05-06|EPI_ISL_589495|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B7C277/2020|2020-11-13|EPI_ISL_668199|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26857/2020|2020-03-27|EPI_ISL_422092|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4820/2020|2020-04-03|EPI_ISL_730160|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-14061/2020|2020-11-30|EPI_ISL_711543|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1806/2020|2020-11-11|EPI_ISL_732031|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/LA-EVTL847/2020|2020-07-28|EPI_ISL_653538|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUEH-962E09/2020|2020-08-11|EPI_ISL_531701|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B12835/2020|2020-11-02|EPI_ISL_642290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4889/2020|2020-10-21|EPI_ISL_668421|Original|hCoV-19^^Trondelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/TX-HMH-MCoV-15593/2020|2020-10-26|EPI_ISL_787077|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F7A0E/2020|2020-11-06|EPI_ISL_652361|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-0938/2020|2020-04-00|EPI_ISL_684548|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-BCA650/2020|2020-11-23|EPI_ISL_703603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9570/2020|2020-07-02|EPI_ISL_780136|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NC_200290/2020|2020-04-00|EPI_ISL_454813|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/England/SHEF-10D381A/2020|2020-12-23|EPI_ISL_763439|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B5DCE7/2020|2020-11-09|EPI_ISL_723582|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC420/2020|2020-03-25|EPI_ISL_426720|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-3816/2020|2020-03-26|EPI_ISL_427179|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14951/2020|2020-10-15|EPI_ISL_786435|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0350/2020|2020-04-13|EPI_ISL_489759|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WI-GMF-30624/2020|2020-11-01|EPI_ISL_661041|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Scotland/GCVR-170B90/2020|2020-03-25|EPI_ISL_459668|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CC300D/2020|2020-12-20|EPI_ISL_760277|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-CF4B8A/2020|2020-12-21|EPI_ISL_781694|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8095/2020|2020-10-26|EPI_ISL_617197|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL1/2020|2020-01-21|EPI_ISL_404253|Original|hCoV-19^^Illinois|Human|IL Department of Public Health Chicago Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/QEUA-9CE384/2020|2020-09-16|EPI_ISL_601871|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1438/2020|2020-04-06|EPI_ISL_622454|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-734A2/2020|2020-03-22|EPI_ISL_440202|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002731/2020|2020-08-16|EPI_ISL_529729|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUA-A0AF4B/2020|2020-10-01|EPI_ISL_599422|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ukraine/203100351/2020|2020-06-24|EPI_ISL_512630|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/England/20118153906/2020|2020-03-12|EPI_ISL_464983|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12835/2020|2020-06-29|EPI_ISL_570909|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-13944/2020|2020-06-22|EPI_ISL_739358|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUA-B2D460/2020|2020-11-04|EPI_ISL_660040|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12432/2020|2020-11-16|EPI_ISL_682613|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Czech Republic/IAB_17/2020|2020-03-27|EPI_ISL_426892|Original|hCoV-19^^Czech Republic|Human|Motol University Hospital|Institute of Applied Biotechnologies a.s.|Broz|Czech Republic

>Spike|hCoV-19/USA/UT-UPHL-2012105008/2020|2020-08-10|EPI_ISL_745518|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-B9EDE7/2020|2020-11-18|EPI_ISL_719875|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9633AF/2020|2020-08-10|EPI_ISL_531647|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-11118/2020|2020-05-04|EPI_ISL_475199|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Denmark/DCGC-3903/2020|2020-09-07|EPI_ISL_615623|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-00262/2020|2020-04-06|EPI_ISL_460325|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-B5CAFD/2020|2020-11-08|EPI_ISL_655663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-998523/2020|2020-08-24|EPI_ISL_540035|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51D4B/2020|2020-10-07|EPI_ISL_598126|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00347/2020|2020-05-09|EPI_ISL_508057|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/ALDP-B62BC4/2020|2020-11-08|EPI_ISL_655366|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12414/2020|2020-07-25|EPI_ISL_640830|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6152/2020|2020-08-00|EPI_ISL_689264|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-34601/2020|2020-04-21|EPI_ISL_446948|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A874DE/2020|2020-10-17|EPI_ISL_606067|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F612/2020|2020-10-15|EPI_ISL_607862|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9E569D/2020|2020-09-21|EPI_ISL_579776|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9884/2020|2020-09-24|EPI_ISL_584257|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12407/2020|2020-09-28|EPI_ISL_790332|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-99008711/2020|2020-10-09|EPI_ISL_654289|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A467D2/2020|2020-10-06|EPI_ISL_598690|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-5119/2020|2020-07-03|EPI_ISL_566101|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-485351/2020|2020-10-21|EPI_ISL_628171|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489144/2020|2020-11-03|EPI_ISL_639539|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Chile/RM-CMM-05015/2020|2020-04-29|EPI_ISL_468751|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Facultad de Medicina UC|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\|u00e9jares|Chile

>Spike|hCoV-19/Norway/7094/2020|2020-11-30|EPI_ISL_775420|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/LOND-D607C/2020|2020-04-20|EPI_ISL_441350|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Bangladesh/CHRF-0013/2020|2020-05-09|EPI_ISL_477126|Original|hCoV-19^^Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/USA/WA-UW-1706/2020|2020-03-21|EPI_ISL_424227|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B94A35/2020|2020-11-13|EPI_ISL_676242|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000483/2020|2020-05-07|EPI_ISL_631949|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Latvia/112/2020|2020-08-10|EPI_ISL_534201|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Wales/PHWC-16D49B/2020|2020-09-25|EPI_ISL_574241|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-NCCS-NR2328/2020|2020-05-22|EPI_ISL_496578|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/QEUEH-A76830/2020|2020-10-13|EPI_ISL_613335|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17383/2020|2020-12-14|EPI_ISL_750945|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2785/2020|2020-07-24|EPI_ISL_526719|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Japan/PG-0402/2020|2020-04-02|EPI_ISL_480071|Original|hCoV-19^^Kansai|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9FAECA/2020|2020-09-28|EPI_ISL_588139|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL899/2020|2020-08-10|EPI_ISL_653590|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/ME-HETL-J0395/2020|2020-12-15|EPI_ISL_755507|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/ID-UW-6349/2020|2020-04-01|EPI_ISL_430970|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/BIRM-5EE63/2020|2020-00-00|EPI_ISL_456658|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Italy/BAS-IZSPB-380PT/2020|2020-10-25|EPI_ISL_722882|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Denmark/DCGC-1236/2020|2020-05-04|EPI_ISL_614771|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-IGI-0365/2020|2020-06-29|EPI_ISL_576548|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/MILK-B05097/2020|2020-10-24|EPI_ISL_638538|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/India/MH-GA65/2020|2020-06-18|EPI_ISL_508259|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Japan/NGY-NNH-011/2020|2020-07-17|EPI_ISL_568566|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/England/QEUEH-AD02EB/2020|2020-10-26|EPI_ISL_629795|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20828/2020|2020-11-30|EPI_ISL_729730|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-957274/2020|2020-06-11|EPI_ISL_554214|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3D51F/2020|2020-11-01|EPI_ISL_645453|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C7604/2020|2020-05-16|EPI_ISL_568846|Original|hCoV-19^^Kwale|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Switzerland/BL-ETHZ-200056/2020|2020-07-13|EPI_ISL_510740|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-BBBF93/2020|2020-11-21|EPI_ISL_705579|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000664/2020|2020-03-07|EPI_ISL_452786|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1B053C/2020|2020-05-11|EPI_ISL_452889|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-350/2020|2020-11-15|EPI_ISL_722642|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/env/Qingdao/IVDC-010-10/2020|2020-09-27|EPI_ISL_591279|Original|hCoV-19^^Shandong|Environment|National Institute for Viral Disease Control and Prevention|National Institute for Viral Disease Control and Prevention|Chen|China

>Spike|hCoV-19/Scotland/CVR2719/2020|2020-04-18|EPI_ISL_473540|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0E4ED/2020|2020-11-02|EPI_ISL_642017|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C7C7/2020|2020-10-15|EPI_ISL_608199|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/HDF-4220/2020|2020-03-30|EPI_ISL_428366|Original|hCoV-19^^Hauts-de-France|Human|CH Jeanne de Navarre Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-952367/2020|2020-06-09|EPI_ISL_553650|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1DDFA4/2020|2020-10-10|EPI_ISL_611613|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCBFE/2020|2020-10-01|EPI_ISL_587770|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUI-B66E4F/2020|2020-11-11|EPI_ISL_676330|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79967/2020|2020-10-14|EPI_ISL_606911|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA7FF/2020|2020-09-24|EPI_ISL_580069|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8199/2020|2020-10-26|EPI_ISL_617256|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8BF50/2020|2020-11-13|EPI_ISL_675485|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2FBE/2020|2020-10-22|EPI_ISL_630887|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUI-5FDA9A/2020|2020-06-27|EPI_ISL_533232|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10B2A0C/2020|2020-05-02|EPI_ISL_537223|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01862/2020|2020-04-12|EPI_ISL_498635|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Japan/PG-5616/2020|2020-08-00|EPI_ISL_688741|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-97172A/2020|2020-08-18|EPI_ISL_553008|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUI-A2252D/2020|2020-10-01|EPI_ISL_599106|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0172/2020|2020-03-28|EPI_ISL_453888|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-15621/2020|2020-11-23|EPI_ISL_713927|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/QEUI-A5E4C1/2020|2020-10-12|EPI_ISL_609198|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-322/2020|2020-04-01|EPI_ISL_476550|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/IL-NM-0672/2020|2020-03-28|EPI_ISL_626464|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Wales/ALDP-CED410/2020|2020-12-16|EPI_ISL_782053|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17979/2020|2020-12-14|EPI_ISL_749201|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-07639/2020|2020-03-11|EPI_ISL_508872|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-66C4E2/2020|2020-07-03|EPI_ISL_558029|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4969/2020|2020-07-13|EPI_ISL_519335|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-BA11A9/2020|2020-11-18|EPI_ISL_672777|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AEF9D5/2020|2020-10-29|EPI_ISL_662686|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-AR61/2020|2020-06-09|EPI_ISL_508198|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/CAMB-7F1FA/2020|2020-04-08|EPI_ISL_442896|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6454/2020|2020-06-27|EPI_ISL_546007|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/MOS-CRIE-13594312/2020|2020-11-09|EPI_ISL_745232|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemilolog

>y|Korneenko|Russia

>Spike|hCoV-19/England/MILK-BB0C5B/2020|2020-11-17|EPI_ISL_720345|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F73A0/2020|2020-09-27|EPI_ISL_595683|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Jordan/IR-ALSR-5213/2020|2020-10-12|EPI_ISL_730451|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/MI-MDHHS-SC21529/2020|2020-04-03|EPI_ISL_516256|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-101174/2020|2020-03-31|EPI_ISL_451837|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-UW-12141/2020|2020-06-26|EPI_ISL_570494|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-BA998B/2020|2020-11-17|EPI_ISL_705192|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr88/2020|2020-04-17|EPI_ISL_603105|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Australia/VIC5255/2020|2020-07-18|EPI_ISL_520020|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-290D39/2020|2020-05-01|EPI_ISL_453534|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8441/2020|2020-07-01|EPI_ISL_783557|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Panama/328706/2020|2020-03-05|EPI_ISL_496604|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Scotland/CVR2622/2020|2020-04-15|EPI_ISL_484619|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-10108/2020|2020-03-16|EPI_ISL_547503|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Canada/ON-S1491/2020|2020-08-00|EPI_ISL_770843|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Australia/VIC15069/2020|2020-08-24|EPI_ISL_593126|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B5D467/2020|2020-11-10|EPI_ISL_704273|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BRIS-124D0E/2020|2020-03-26|EPI_ISL_443897|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-390443/2020|2020-11-04|EPI_ISL_729086|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-11710/2020|2020-09-08|EPI_ISL_789779|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BCA6F6/2020|2020-11-23|EPI_ISL_703637|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1457/2020|2020-04-08|EPI_ISL_549239|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/VA-DCLS-0924/2020|2020-05-12|EPI_ISL_522794|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/QEUH-B2E4AB/2020|2020-11-03|EPI_ISL_710999|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1452/2020|2020-04-13|EPI_ISL_433453|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10811/2020|2020-11-02|EPI_ISL_669552|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/GSTT-265DDD4/2020|2020-03-28|EPI_ISL_484107|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Japan/PG-4943/2020|2020-07-00|EPI_ISL_690062|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-2862/2020|2020-03-00|EPI_ISL_690988|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/MN-NVRL-77IRL72276/2020|2020-11-05|EPI_ISL_752521|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/WI-GMF-16189/2020|2020-08-20|EPI_ISL_547718|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-9941E7/2020|2020-08-24|EPI_ISL_551714|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-64608/2020|2020-09-22|EPI_ISL_594499|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-963A7D/2020|2020-08-12|EPI_ISL_534366|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-955461/2020|2020-06-12|EPI_ISL_554459|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B3F762/2020|2020-11-08|EPI_ISL_658585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036287420/2020|2020-10-05|EPI_ISL_596575|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/NY-Wadsworth-203545-01/2020|2020-08-25|EPI_ISL_677079|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUA-BCB5DA/2020|2020-11-27|EPI_ISL_704388|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1738/2020|2020-10-02|EPI_ISL_613858|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-B66B66/2020|2020-11-11|EPI_ISL_662420|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-291743-01/2020|2020-12-25|EPI_ISL_767607|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-490502/2020|2020-11-05|EPI_ISL_703129|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21583/2020|2020-03-23|EPI_ISL_516310|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-B8135E/2020|2020-11-14|EPI_ISL_661690|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-9BEA73/2020|2020-09-09|EPI_ISL_568104|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-964423/2020|2020-08-11|EPI_ISL_536880|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5403/2020|2020-07-19|EPI_ISL_520166|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BL-ETHZ-210007/2020|2020-07-17|EPI_ISL_510755|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-497C15/2020|2020-11-25|EPI_ISL_726949|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/C200045670/2020|2020-11-10|EPI_ISL_664065|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B340AE/2020|2020-11-05|EPI_ISL_659584|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-984/2020|2020-04-10|EPI_ISL_545946|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-8737/2020|2020-08-00|EPI_ISL_686333|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9CB1AB/2020|2020-09-16|EPI_ISL_575622|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29203E/2020|2020-05-07|EPI_ISL_489135|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D140C/2020|2020-10-19|EPI_ISL_611606|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2009/2020|2020-03-24|EPI_ISL_424340|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-3877/2020|2020-07-17|EPI_ISL_548526|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/BC_02281789/2020|2020-05-00|EPI_ISL_477041|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-10322/2020|2020-11-02|EPI_ISL_669900|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1313/2020|2020-03-25|EPI_ISL_495612|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-B0E429/2020|2020-11-02|EPI_ISL_642002|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3068/2020|2020-08-31|EPI_ISL_616848|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-78DFD/2020|2020-04-02|EPI_ISL_441237|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2504/2020|2020-03-13|EPI_ISL_604855|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A86527/2020|2020-10-17|EPI_ISL_606053|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-SC497/2020|2020-03-30|EPI_ISL_660691|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/204761796/2020|2020-11-19|EPI_ISL_678742|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-AE1DAA/2020|2020-10-27|EPI_ISL_633590|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-004903/2020|2020-03-09|EPI_ISL_481044|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/AZ-TG491490/2020|2020-06-18|EPI_ISL_695121|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR11491/2020|2020-11-26|EPI_ISL_732515|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/United Arab Emirates/0977/2020|2020-06-29|EPI_ISL_699112|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/CA-CHLA-PLM89293334/2020|2020-11-30|EPI_ISL_753473|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/NSW833/2020|2020-08-06|EPI_ISL_526175|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-AD05E2/2020|2020-10-26|EPI_ISL_634087|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9895/2020|2020-11-09|EPI_ISL_669259|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC9083/2020|2020-08-06|EPI_ISL_565385|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B9A99C/2020|2020-11-15|EPI_ISL_673266|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0648/2020|2020-03-31|EPI_ISL_510909|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-A95895/2020|2020-10-19|EPI_ISL_624793|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A17EF3/2020|2020-10-01|EPI_ISL_594998|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI374/2020|2020-03-22|EPI_ISL_429479|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Canada/BC_09035190/2020|2020-04-00|EPI_ISL_477112|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/MILK-A7A78A/2020|2020-10-15|EPI_ISL_606405|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20100005604/2020|2020-02-28|EPI_ISL_464253|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A67A0F/2020|2020-10-12|EPI_ISL_630376|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB10444/2020|2020-10-08|EPI_ISL_703622|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0247/2020|2020-04-25|EPI_ISL_527823|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-79A981/2020|2020-07-15|EPI_ISL_533029|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94DB67/2020|2020-06-17|EPI_ISL_555656|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2620E/2020|2020-03-26|EPI_ISL_422353|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0208/2020|2020-03-18|EPI_ISL_512858|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Wales/PHWC-47DFEF/2020|2020-10-08|EPI_ISL_595393|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-SR0319/2020|2020-04-04|EPI_ISL_450174|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-UPHL-2012609524/2020|2020-10-12|EPI_ISL_746097|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/LU-ETHZ-140065/2020|2020-04-30|EPI_ISL_476113|Original|hCoV-19^^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-10009/2020|2020-07-11|EPI_ISL_672187|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/ALDP-C3955E/2020|2020-12-07|EPI_ISL_767251|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA104/2020|2020-04-08|EPI_ISL_512757|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/QEUA-B3F8AB/2020|2020-11-08|EPI_ISL_658736|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-94AA9A/2020|2020-07-18|EPI_ISL_556706|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-08470/2020|2020-06-29|EPI_ISL_489931|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Germany/HH-hpi-p1488/2020|2020-03-13|EPI_ISL_775749|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-168481/2020|2020-04-19|EPI_ISL_494245|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH027/2020|2020-05-22|EPI_ISL_515919|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Sweden/20-53008/2020|2020-09-28|EPI_ISL_676493|Original|hCoV-19^^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Latvia/153/2020|2020-09-09|EPI_ISL_639650|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrel\u0113vs|Latvia

>Spike|hCoV-19/Wales/PHWC-30975/2020|2020-04-08|EPI_ISL_446298|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/India/UT-AR26/2020|2020-05-27|EPI_ISL_511908|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/Italy/BAS-IZSPB-390PT/2020|2020-10-25|EPI_ISL_722889|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/USA/MI-MDHHS-SC20664/2020|2020-04-29|EPI_ISL_471688|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-49E470/2020|2020-12-07|EPI_ISL_743005|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C653/2020|2020-11-09|EPI_ISL_655786|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100015002/2020|2020-11-20|EPI_ISL_771182|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Australia/VIC5747/2020|2020-07-20|EPI_ISL_518546|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-6B2A81/2020|2020-06-30|EPI_ISL_557785|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03711/2020|2020-11-00|EPI_ISL_775193|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/LOND-1266DA2/2020|2020-12-10|EPI_ISL_741209|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E0E5/2020|2020-12-07|EPI_ISL_742953|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480C6A/2020|2020-10-22|EPI_ISL_612988|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20186123804/2020|2020-05-29|EPI_ISL_465488|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-6989/2020|2020-09-01|EPI_ISL_582916|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/NM-UNM-00137/2020|2020-04-02|EPI_ISL_467564|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/Denmark/DCGC-10989/2020|2020-11-02|EPI_ISL_669483|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19216/2020|2020-12-07|EPI_ISL_748820|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4503/2020|2020-07-12|EPI_ISL_518914|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-5605/2020|2020-06-24|EPI_ISL_544896|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14103/2020|2020-10-01|EPI_ISL_787389|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT1653/2020|2020-11-08|EPI_ISL_731895|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/20119092004/2020|2020-03-11|EPI_ISL_465130|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004021/2020|2020-10-13|EPI_ISL_635004|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Portugal/PT1603/2020|2020-07-06|EPI_ISL_693606|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9BCB72/2020|2020-09-09|EPI_ISL_573056|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-789563/2020|2020-07-16|EPI_ISL_533016|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2460/2020|2020-05-21|EPI_ISL_513866|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-20033/2020|2020-12-07|EPI_ISL_747943|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2300/2020|2020-03-00|EPI_ISL_685905|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-AAF43A/2020|2020-10-22|EPI_ISL_653023|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Malaysia/2101/2020|2020-04-01|EPI_ISL_501191|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_CPH_isl_485_BGD/2020|2020-04-29|EPI_ISL_774878|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Australia/VIC11101/2020|2020-08-12|EPI_ISL_563247|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C05F8A/2020|2020-12-06|EPI_ISL_709433|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2CFDB9/2020|2020-00-00|EPI_ISL_461998|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49BC7B/2020|2020-12-06|EPI_ISL_742452|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A191CB/2020|2020-10-03|EPI_ISL_612489|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-5129/2020|2020-11-13|EPI_ISL_730370|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/GSTT-265E30E/2020|2020-03-13|EPI_ISL_484185|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D143/2020|2020-10-08|EPI_ISL_586103|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2543/2020|2020-06-01|EPI_ISL_545373|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9AA0E1/2020|2020-09-01|EPI_ISL_550825|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-993731/2020|2020-08-27|EPI_ISL_552023|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20296/2020|2020-11-23|EPI_ISL_748099|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2471/2020|2020-06-09|EPI_ISL_514874|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/204720936/2020|2020-11-16|EPI_ISL_686609|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2847F/2020|2020-03-31|EPI_ISL_432093|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Russia/AST-RII-MH4597S/2020|2020-09-30|EPI_ISL_733220|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-12437/2020|2020-11-16|EPI_ISL_682618|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-SURV1000/2020|2020-03-19|EPI_ISL_436082|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/CAMC-AAFD99/2020|2020-10-22|EPI_ISL_634801|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CBFE37/2020|2020-12-20|EPI_ISL_760424|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AR-ETHZ-340152/2020|2020-10-28|EPI_ISL_721738|Original|hCoV-19^^Appenzell Ausserrhoden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MI-UM-10036782370/2020|2020-11-04|EPI_ISL_707850|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/New Zealand/20VR1280/2020|2020-03-20|EPI_ISL_456205|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/LA-SR0289/2020|2020-03-31|EPI_ISL_445144|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-B045F3/2020|2020-10-24|EPI_ISL_651021|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-94C412/2020|2020-06-16|EPI_ISL_555835|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/40201/2020|2020-08-00|EPI_ISL_759883|Original|hCoV-19^^Vietnam|Human|National Influenza Center|National Influenza Center|Ung|Vietnam

>Spike|hCoV-19/England/CAMB-7F585/2020|2020-04-08|EPI_ISL_470487|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164555/2020|2020-05-06|EPI_ISL_474193|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C04B2D/2020|2020-12-04|EPI_ISL_720836|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW739/2020|2020-07-29|EPI_ISL_513382|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Switzerland/BE-ETHZ-331452/2020|2020-10-21|EPI_ISL_614926|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/CT-IBV-97010153/2020|2020-11-06|EPI_ISL_683619|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-A3E51F/2020|2020-10-06|EPI_ISL_609757|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BCA57/2020|2020-09-09|EPI_ISL_573043|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499EE0/2020|2020-11-24|EPI_ISL_727463|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-12602B8/2020|2020-03-14|EPI_ISL_524656|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2305/2020|2020-04-30|EPI_ISL_545235|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-12670/2020|2020-11-16|EPI_ISL_682851|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/633/2020|2020-04-15|EPI_ISL_493393|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Sweden/20-06695/2020|2020-03-31|EPI_ISL_450809|Original|hCoV-19^^Stockholm|Human|Kungsholmsdoktorn|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/NMDOH-2020324233/2020|2020-09-02|EPI_ISL_542094|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15141/2020|2020-10-17|EPI_ISL_786625|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM45816782/2020|2020-11-30|EPI_ISL_753459|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Denmark/DCGC-13353/2020|2020-11-30|EPI_ISL_712745|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KDCA0273/2020|2020-10-22|EPI_ISL_760067|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Thailand/Samut Sakorn_657/2020|2020-12-20|EPI_ISL_768540|Original|hCoV-19^^Samut Sakorn|Human|Regional Medical Sciences Center 5 Samut Songkhram|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/USA/CA-ALSR-0497-IPL/2020|2020-04-13|EPI_ISL_483182|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/United Arab Emirates/1006/2020|2020-06-10|EPI_ISL_699138|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-A6D17D/2020|2020-10-14|EPI_ISL_608315|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S796/2020|2020-04-15|EPI_ISL_449966|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Uruguay/UY-162/2020|2020-04-07|EPI_ISL_480332|Original|hCoV-19^^Montevideo|Human|Microbial Genomics Laboratory|Microbial Genomics Laboratory|Iraola|Uruguay

>Spike|hCoV-19/England/QEUEH-9F9784/2020|2020-09-25|EPI_ISL_589126|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6348/2020|2020-05-19|EPI_ISL_527706|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/WA-UW-13330/2020|2020-07-03|EPI_ISL_501139|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13091/2020|2020-08-27|EPI_ISL_788242|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-7525/2020|2020-10-12|EPI_ISL_619105|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1926/2020|2020-06-22|EPI_ISL_622519|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47F572/2020|2020-10-15|EPI_ISL_612692|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00233253/2020|2020-03-23|EPI_ISL_536013|Original|hCoV-19^^Quebec|Human|H\u00f4pital Honor\u00e9-Mercier|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/CAMC-C475B7/2020|2020-12-11|EPI_ISL_718636|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2AA552/2020|2020-04-09|EPI_ISL_538826|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15744/2020|2020-07-10|EPI_ISL_785428|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B2CA32/2020|2020-11-02|EPI_ISL_646732|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/331540/2020|2020-03-19|EPI_ISL_496686|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/CAMC-C72191/2020|2020-12-15|EPI_ISL_768912|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2681/2020|2020-03-13|EPI_ISL_604991|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/South Africa/KRISP-0282/2020|2020-06-16|EPI_ISL_482869|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-9EC70C/2020|2020-09-24|EPI_ISL_580400|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20156048204/2020|2020-04-07|EPI_ISL_466328|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-9EBCA4/2020|2020-09-23|EPI_ISL_584411|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-5D7B84/2020|2020-06-19|EPI_ISL_558513|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_154/2020|2020-04-28|EPI_ISL_461189|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-9F583A/2020|2020-09-24|EPI_ISL_588422|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7D908/2020|2020-11-14|EPI_ISL_727831|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI139/2020|2020-03-09|EPI_ISL_429358|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/New Zealand/20VR3011/2020|2020-00-00|EPI_ISL_579383|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_MR-03/2020|2020-07-11|EPI_ISL_774983|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Canada/ON-PHL-20-01795/2020|2020-07-00|EPI_ISL_636945|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Scotland/QEUA-95E653/2020|2020-08-09|EPI_ISL_532454|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4820C6/2020|2020-10-21|EPI_ISL_613198|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14593/2020|2020-10-11|EPI_ISL_787878|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-GBCL-26556561/2020|2020-04-15|EPI_ISL_485191|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/UT-02917/2020|2020-04-30|EPI_ISL_513692|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/ALDP-B859B2/2020|2020-11-11|EPI_ISL_675855|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B2058/2020|2020-04-15|EPI_ISL_479109|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-9655D4/2020|2020-08-12|EPI_ISL_531001|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4812A3/2020|2020-10-13|EPI_ISL_611691|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8241/2020|2020-10-26|EPI_ISL_617269|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9DC2D1/2020|2020-09-21|EPI_ISL_601265|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A93633/2020|2020-10-20|EPI_ISL_610922|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/1LS10H11/2020|2020-10-01|EPI_ISL_757343|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-9A509B/2020|2020-09-02|EPI_ISL_550167|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH466/2020|2020-08-04|EPI_ISL_512921|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/VA-DCLS-1956/2020|2020-10-07|EPI_ISL_644882|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/QEUA-9FFEF2/2020|2020-10-02|EPI_ISL_600184|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005906/2020|2020-03-11|EPI_ISL_537444|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Brazil/SP-719/2020|2020-07-02|EPI_ISL_693245|Original|hCoV-19^^S\u00e3o Paulo|Human|UPA Santa Isabel|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/CAMB-1B3575/2020|2020-05-27|EPI_ISL_461562|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012673507/2020|2020-06-19|EPI_ISL_746456|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-230019/2020|2020-08-02|EPI_ISL_516562|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-1362/2020|2020-03-30|EPI_ISL_622212|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A0B092/2020|2020-10-01|EPI_ISL_599184|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH1638S/2020|2020-09-08|EPI_ISL_596307|Original|hCoV-19^^Sverdlovsk|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-B1B896/2020|2020-11-01|EPI_ISL_645883|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020616989/2020|2020-12-12|EPI_ISL_751809|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/LIVE-DC287E/2020|2020-11-24|EPI_ISL_705043|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A85C50/2020|2020-10-17|EPI_ISL_610395|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S210/2020|2020-03-26|EPI_ISL_755818|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/MILK-A6BACF/2020|2020-10-08|EPI_ISL_608743|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A879/2020|2020-11-01|EPI_ISL_647580|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC-IGIB-C1A/2020|2020-06-12|EPI_ISL_581505|Original|hCoV-19^^Delhi|Human|NCDC/IGIB|NCDC/IGIB|Faruq|India

>Spike|hCoV-19/England/ALDP-49A650/2020|2020-06-13|EPI_ISL_559416|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-974F2F/2020|2020-08-19|EPI_ISL_552684|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499985/2020|2020-12-04|EPI_ISL_727382|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1949/2020|2020-09-15|EPI_ISL_613477|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/ALDP-94431D/2020|2020-06-07|EPI_ISL_554779|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC3C1/2020|2020-10-21|EPI_ISL_629337|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2509/2020|2020-04-00|EPI_ISL_690647|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-74E76/2020|2020-03-18|EPI_ISL_425381|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0173/2020|2020-05-18|EPI_ISL_698360|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/MI-MDHHS-SC21121/2020|2020-03-24|EPI_ISL_507897|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Sweden/20-53399/2020|2020-11-04|EPI_ISL_676500|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-19625/2020|2020-12-07|EPI_ISL_749067|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-126C1E/2020|2020-04-09|EPI_ISL_459079|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-45914/2020|2020-12-09|EPI_ISL_745054|Original|hCoV-19^^Central|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Japan/PG-5239/2020|2020-08-00|EPI_ISL_690342|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9490E4/2020|2020-07-25|EPI_ISL_556575|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1110/2020|2020-07-28|EPI_ISL_516535|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-A856AD/2020|2020-10-17|EPI_ISL_610527|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-CDC-8384/2020|2020-02-26|EPI_ISL_594459|original|hCoV-19^^Washington|Human|Washington State Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Spain/PV-IBV-98008364/2020|2020-10-13|EPI_ISL_654576|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Spain/PV-IBV-005161/2020|2020-06-23|EPI_ISL_509647|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/United Arab Emirates/L9584510/2020|2020-03-19|EPI_ISL_520743|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/England/CAMB-1B9D0E/2020|2020-11-06|EPI_ISL_650988|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B54266/2020|2020-11-08|EPI_ISL_656875|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0123/2020|2020-05-14|EPI_ISL_467475|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS) |KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/NSW595/2020|2020-04-08|EPI_ISL_478707|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH586/2020|2020-04-23|EPI_ISL_512976|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Wales/MILK-9D3A69/2020|2020-09-16|EPI_ISL_601737|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4658/2020|2020-08-00|EPI_ISL_689795|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/IL-CDC-2-3693786/2020|2020-11-10|EPI_ISL_747105|Original|hCoV-19^^Illinois|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/ALDP-9B5C1C/2020|2020-08-28|EPI_ISL_590210|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6034/2020|2020-06-30|EPI_ISL_547180|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18381/2020|2020-12-07|EPI_ISL_749930|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-01759/2020|2020-07-00|EPI_ISL_636912|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-AB7A88/2020|2020-10-22|EPI_ISL_623244|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0108/2020|2020-07-00|EPI_ISL_591449|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-6607/2020|2020-07-00|EPI_ISL_687719|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A2F1E0/2020|2020-10-05|EPI_ISL_586945|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Vietnam/PIHCM-237/2020|2020-03-14|EPI_ISL_654877|Vero E6|hCoV-19^^Ho Chi Minh city|Human|Pasteur Institute in Ho Chi Minh city|Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city|Vu|Viet Nam

>Spike|hCoV-19/Bangladesh/CU-CTG-13/2020|2020-11-24|EPI_ISL_735494|Original|hCoV-19^^Chittagong|Human|Cox's Bazar Medical College|Central Biological Research Laboratory and Department of Biochemistry and Molecular Biology|Faruque|Bangladesh

>Spike|hCoV-19/USA/UT-UPHL-2012861161/2020|2020-11-30|EPI_ISL_746900|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/ALDP-BB2864/2020|2020-11-20|EPI_ISL_702951|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1608/2020|2020-05-26|EPI_ISL_496034|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-UW-19539/2020|2020-08-01|EPI_ISL_570813|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-29463A/2020|2020-08-03|EPI_ISL_573349|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-123/2020|2020-04-29|EPI_ISL_735271|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/CA-CZB-14820/2020|2020-11-18|EPI_ISL_739242|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/202822172/2020|2020-05-31|EPI_ISL_490229|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B336AD/2020|2020-11-05|EPI_ISL_659112|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20633/2020|2020-12-21|EPI_ISL_759078|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CSMC53/2020|2020-04-01|EPI_ISL_475666|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/USA/CA-CZB-13345/2020|2020-05-03|EPI_ISL_672442|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-9C5A79/2020|2020-09-11|EPI_ISL_567711|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03006/2020|2020-07-19|EPI_ISL_765678|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/MILK-B56729/2020|2020-11-05|EPI_ISL_657575|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2230/2020|2020-08-10|EPI_ISL_617535|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-HLP-R56/2020|2020-04-20|EPI_ISL_530104|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/BRIS-128933/2020|2020-04-13|EPI_ISL_458773|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1452/2020|2020-11-18|EPI_ISL_720070|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7A483/2020|2020-10-16|EPI_ISL_606897|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2331/2020|2020-06-10|EPI_ISL_496963|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Iran/SA-Isf-18/2020|2020-05-09|EPI_ISL_591342|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/England/CAMC-B21402/2020|2020-11-02|EPI_ISL_647261|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW206/2020|2020-03-13|EPI_ISL_417355|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-95EC33/2020|2020-08-06|EPI_ISL_532308|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-21756/2020|2020-08-04|EPI_ISL_571003|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/20144013504/2020|2020-03-31|EPI_ISL_421932|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC15545/2020|2020-08-09|EPI_ISL_593355|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-126328/2020|2020-04-10|EPI_ISL_458987|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3418/2020|2020-08-31|EPI_ISL_616177|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10705/2020|2020-11-02|EPI_ISL_670150|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9FB05/2020|2020-06-04|EPI_ISL_472039|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_103/2020|2020-03-09|EPI_ISL_422862|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-79/2020|2020-03-23|EPI_ISL_421338|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUEH-961338/2020|2020-08-04|EPI_ISL_532113|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3014/2020|2020-08-24|EPI_ISL_616792|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9B27D/2020|2020-03-26|EPI_ISL_449425|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6434/2020|2020-07-04|EPI_ISL_545993|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-2141/2020|2020-05-21|EPI_ISL_486363|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/WA-S2541/2020|2020-06-16|EPI_ISL_497173|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A6C554/2020|2020-10-15|EPI_ISL_608204|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-351/2020|2020-07-15|EPI_ISL_514229|Original|hCoV-19^^Khulna|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/QEUEH-B2F6FF/2020|2020-11-04|EPI_ISL_659903|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94ECEB/2020|2020-06-20|EPI_ISL_556385|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-00634/2020|2020-11-24|EPI_ISL_770582|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/WI-WSLH-200355/2020|2020-04-21|EPI_ISL_578525|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/India/TG-CCMB-AB300/2020|2020-08-15|EPI_ISL_539639|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Finland/FIN-266/2020|2020-03-04|EPI_ISL_414646|Original|hCoV-19^^Finland|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Singapore/573/2020|2020-04-15|EPI_ISL_483596|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-20626/2020|2020-12-21|EPI_ISL_759263|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-10E61E/2020|2020-03-23|EPI_ISL_425571|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B21F4D/2020|2020-11-03|EPI_ISL_647327|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6724/2020|2020-06-24|EPI_ISL_546194|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-992F67/2020|2020-08-26|EPI_ISL_552074|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1256/2020|2020-05-30|EPI_ISL_644197|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-3209/2020|2020-06-12|EPI_ISL_544078|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-99864E/2020|2020-08-22|EPI_ISL_540069|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-752B5/2020|2020-03-18|EPI_ISL_440406|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB1544/2020|2020-04-12|EPI_ISL_433078|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1353/2020|2020-12-11|EPI_ISL_779019|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-49B947/2020|2020-12-06|EPI_ISL_742405|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC7034/2020|2020-07-25|EPI_ISL_564202|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0984/2020|2020-03-22|EPI_ISL_511532|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-9C85B1/2020|2020-09-11|EPI_ISL_567201|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-270097/2020|2020-09-03|EPI_ISL_541483|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-497F2B/2020|2020-06-03|EPI_ISL_559550|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0F13/2020|2020-11-22|EPI_ISL_705152|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200289/2020|2020-04-18|EPI_ISL_578476|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-51DFB3/2020|2020-06-02|EPI_ISL_559055|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9FF3F3/2020|2020-09-29|EPI_ISL_600375|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4046/2020|2020-10-03|EPI_ISL_636406|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Denmark/DCGC-21252/2020|2020-12-21|EPI_ISL_759635|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR3914/2020|2020-06-17|EPI_ISL_512462|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Belgium/reg-10181167/2020|2020-10-18|EPI_ISL_735139|Original|hCoV-19^^Huldenberg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUA-B0EABE/2020|2020-11-02|EPI_ISL_642139|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-511016/2020|2020-06-10|EPI_ISL_558903|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A91A0C/2020|2020-10-19|EPI_ISL_706002|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9AAAE3/2020|2020-08-31|EPI_ISL_550921|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A935DC/2020|2020-10-19|EPI_ISL_611285|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6226/2020|2020-07-07|EPI_ISL_547326|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B406BC/2020|2020-11-08|EPI_ISL_657338|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8913/2020|2020-07-02|EPI_ISL_780828|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-UHTC-0199/2020|2020-06-10|EPI_ISL_569969|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUH-A8B7E0/2020|2020-10-16|EPI_ISL_643138|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2010135868/2020|2020-10-12|EPI_ISL_710353|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/PHWC-35F23/2020|2020-04-27|EPI_ISL_474592|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-20859/2020|2020-09-17|EPI_ISL_660818|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr249/2020|2020-08-07|EPI_ISL_636854|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Canada/ON-PHL-20-00064/2020|2020-00-00|EPI_ISL_548740|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUH-BA2DD1/2020|2020-11-18|EPI_ISL_720932|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4944D4/2020|2020-11-19|EPI_ISL_726125|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AD440F/2020|2020-10-26|EPI_ISL_634568|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9469/2020|2020-07-03|EPI_ISL_781141|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-6C6E9D/2020|2020-07-01|EPI_ISL_556254|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4738/2020|2020-09-17|EPI_ISL_730116|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-ALSR-1653/2020|2020-04-01|EPI_ISL_494717|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A6700D/2020|2020-10-12|EPI_ISL_630699|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B046D/2020|2020-04-17|EPI_ISL_534767|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-9F9669/2020|2020-09-26|EPI_ISL_589206|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020305771/2020|2020-08-21|EPI_ISL_542054|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-085/2020|2020-06-01|EPI_ISL_466650|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/ALDP-A95F18/2020|2020-10-19|EPI_ISL_624779|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0626/2020|2020-04-06|EPI_ISL_508830|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-B973DD/2020|2020-11-14|EPI_ISL_675091|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n-5999/2020|2020-03-15|EPI_ISL_475014|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/WA-S548/2020|2020-03-31|EPI_ISL_434308|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-2284/2020|2020-08-10|EPI_ISL_617642|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C0163/2020|2020-03-25|EPI_ISL_420255|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/South Africa/N00040/2020|2020-08-11|EPI_ISL_623060|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-20206/2020|2020-11-30|EPI_ISL_747624|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15473/2020|2020-10-23|EPI_ISL_786957|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-SC049/2020|2020-04-03|EPI_ISL_666668|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/CA-CZB-14753/2020|2020-10-30|EPI_ISL_739430|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A66C46/2020|2020-10-12|EPI_ISL_630624|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6243/2020|2020-08-00|EPI_ISL_689354|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A6CE1D/2020|2020-10-15|EPI_ISL_608088|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-579/2020|2020-06-23|EPI_ISL_484954|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-3786/2020|2020-04-00|EPI_ISL_692037|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B33B71/2020|2020-11-05|EPI_ISL_659265|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4414/2020|2020-09-21|EPI_ISL_585288|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1923/2020|2020-04-14|EPI_ISL_542903|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2731/2020|2020-07-05|EPI_ISL_521566|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-123A17/2020|2020-04-06|EPI_ISL_442766|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20138/2020|2020-03-24|EPI_ISL_436853|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/BS-42335263/2020|2020-07-01|EPI_ISL_581893|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/TX-HMH-8077/2020|2020-07-04|EPI_ISL_545842|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-HLP-LP14-3/2020|2020-03-09|EPI_ISL_417975|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Poland/PL_MCB_48/2020|2020-05-10|EPI_ISL_645047|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/USA/TX-HMH-MCoV-12465/2020|2020-09-28|EPI_ISL_790351|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NM-UNM-00133/2020|2020-04-02|EPI_ISL_467651|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/CA-CZB-7160/2020|2020-08-20|EPI_ISL_583226|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/BC_14763711/2020|2020-04-00|EPI_ISL_468661|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/IN-QDX-184/2020|2020-04-28|EPI_ISL_494519|Original|hCoV-19^^Indiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LOND-D72C0/2020|2020-04-11|EPI_ISL_478470|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Singapore/1044/2020|2020-03-23|EPI_ISL_574529|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Germany/NW-HHU-90/2020|2020-08-17|EPI_ISL_539606|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/OR-OHSU-1923/2020|2020-07-29|EPI_ISL_526071|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-16487/2020|2020-11-16|EPI_ISL_714796|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18880/2020|2020-12-07|EPI_ISL_748614|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-123613/2020|2020-04-06|EPI_ISL_442635|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-C48000/2020|2020-12-12|EPI_ISL_718718|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2DC2C/2020|2020-11-03|EPI_ISL_647045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C7A9/2020|2020-11-08|EPI_ISL_666466|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20204115604/2020|2020-05-13|EPI_ISL_465653|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-2278/2020|2020-04-00|EPI_ISL_685883|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-PV09032/2020|2020-03-21|EPI_ISL_421602|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/MA-MASPHL-00368/2020|2020-05-22|EPI_ISL_693165|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/PG-1563/2020|2020-04-00|EPI_ISL_685169|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BS-ETHZ-280227/2020|2020-09-10|EPI_ISL_560474|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/897/2020|2020-09-06|EPI_ISL_536438|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-13024/2020|2020-11-30|EPI_ISL_712536|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7B079/2020|2020-04-11|EPI_ISL_433910|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A522/2020|2020-09-06|EPI_ISL_540901|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9C57FA/2020|2020-09-10|EPI_ISL_567535|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DEAAA/2020|2020-09-21|EPI_ISL_601218|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-18212/2020|2020-04-01|EPI_ISL_508963|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-A6CA55/2020|2020-10-15|EPI_ISL_606953|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-147/2020|2020-10-07|EPI_ISL_632626|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-20388/2020|2020-12-21|EPI_ISL_758857|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KDCA0096/2020|2020-09-01|EPI_ISL_747334|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/MO-QDX-2587/2020|2020-03-14|EPI_ISL_604944|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-494D9D/2020|2020-11-23|EPI_ISL_726252|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20311/2020|2020-11-23|EPI_ISL_747631|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A22420/2020|2020-10-01|EPI_ISL_587674|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-969BB0/2020|2020-08-12|EPI_ISL_531187|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AD0FD5/2020|2020-10-26|EPI_ISL_649684|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2724/2020|2020-03-17|EPI_ISL_605012|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-14077/2020|2020-11-30|EPI_ISL_711098|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR5597/2020|2020-10-31|EPI_ISL_651858|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC12485/2020|2020-07-30|EPI_ISL_641043|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-185349E/2020|2020-04-06|EPI_ISL_492347|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB044/2020|2020-09-16|EPI_ISL_575733|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-477i/2020|2020-03-11|EPI_ISL_427301|Vero E6 P1|hCoV-19^^Rio de Janeiro|Human|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Silva|Brazil

>Spike|hCoV-19/Denmark/DCGC-15450/2020|2020-11-23|EPI_ISL_713471|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5933/2020|2020-10-05|EPI_ISL_620198|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Peru/LIM-UPCH-0028/2020|2020-06-17|EPI_ISL_568510|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/India/WB-NCDC-2502/2020|2020-03-31|EPI_ISL_436414|Original|hCoV-19^^West Bengal|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/CAMB-7AC49/2020|2020-04-08|EPI_ISL_433856|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL915/2020|2020-07-09|EPI_ISL_653606|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-Wadsworth-26088-01/2020|2020-03-21|EPI_ISL_426300|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-262FF/2020|2020-03-27|EPI_ISL_422311|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC10957/2020|2020-07-31|EPI_ISL_563167|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B4369B/2020|2020-11-08|EPI_ISL_657312|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-867/2020|2020-05-11|EPI_ISL_614808|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/BRE-5413/2020|2020-03-28|EPI_ISL_443277|Original|hCoV-19^^Bretagne|Human|CHU - H\u00f4pital Cavale Blanche - Labo. de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/FL-BPHL-0621/2020|2020-04-04|EPI_ISL_508825|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-7793/2020|2020-07-00|EPI_ISL_686895|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-0333/2020|2020-03-29|EPI_ISL_480007|Original|hCoV-19^^Kanto|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-121A28/2020|2020-03-14|EPI_ISL_440274|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001140/2020|2020-10-23|EPI_ISL_671723|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/TX-HMH-2791/2020|2020-06-04|EPI_ISL_545556|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2040/2020|2020-02-19|EPI_ISL_471446|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-14850/2020|2020-11-23|EPI_ISL_712026|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BC1D72/2020|2020-11-22|EPI_ISL_705376|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21731/2020|2020-08-08|EPI_ISL_529850|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-16B3CD/2020|2020-09-13|EPI_ISL_560284|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB02_13KS/2020|2020-04-29|EPI_ISL_447630|Original|hCoV-19^^Netherlands|Mustela lutreola|Virology|Virology|Harders|Netherlands

>Spike|hCoV-19/England/QEUA-791340/2020|2020-07-15|EPI_ISL_533185|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5924/2020|2020-11-20|EPI_ISL_705673|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/NSW2723/2020|2020-08-31|EPI_ISL_530335|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Switzerland/UR-ETHZ-240087/2020|2020-08-12|EPI_ISL_523923|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/reg-09241236/2020|2020-09-24|EPI_ISL_735040|Original|hCoV-19^^Oudsbergen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-C3D0A4/2020|2020-12-10|EPI_ISL_731051|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F5594/2020|2020-00-00|EPI_ISL_704592|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-9AA53D/2020|2020-09-01|EPI_ISL_550858|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8870F/2020|2020-12-17|EPI_ISL_762655|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22083/2020|2020-12-14|EPI_ISL_758115|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC4BA0/2020|2020-11-11|EPI_ISL_704097|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/MILK-9C2F04/2020|2020-09-10|EPI_ISL_590172|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1F80B/2020|2020-11-01|EPI_ISL_646051|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-9169/2020|2020-08-31|EPI_ISL_594163|Original|hCoV-19^^\u00cele-de-France|Human|hopital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Japan/PG-6100/2020|2020-08-00|EPI_ISL_689212|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-483CEF/2020|2020-10-23|EPI_ISL_626861|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-200028/2020|2020-07-14|EPI_ISL_510717|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-9F3AFA/2020|2020-09-24|EPI_ISL_588644|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0995/2020|2020-04-12|EPI_ISL_583839|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/WI-UW-981/2020|2020-07-21|EPI_ISL_509977|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-A59736/2020|2020-10-09|EPI_ISL_597033|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A95877/2020|2020-10-19|EPI_ISL_624562|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B73F3D/2020|2020-11-12|EPI_ISL_664522|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Peru/LIM-INS-048/2020|2020-04-12|EPI_ISL_517959|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru

>Spike|hCoV-19/Wales/PHWC-492B59/2020|2020-11-26|EPI_ISL_725754|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-005334/2020|2020-03-17|EPI_ISL_510212|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-2634/2020|2020-07-09|EPI_ISL_635600|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Russia/CRIE4991529/2020|2020-07-16|EPI_ISL_610232|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Samoilov|Russia

>Spike|hCoV-19/England/OXON-B0BFF/2020|2020-04-17|EPI_ISL_478945|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/OCC-SC527/2020|2020-03-10|EPI_ISL_644697|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-13993/2020|2020-11-30|EPI_ISL_711501|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-1146/2020|2020-12-19|EPI_ISL_763223|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B218E8/2020|2020-11-01|EPI_ISL_647427|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B742CA/2020|2020-11-12|EPI_ISL_662015|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2169/2020|2020-08-10|EPI_ISL_653322|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11513/2020|2020-09-09|EPI_ISL_790038|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/GSTT-265D949/2020|2020-03-26|EPI_ISL_484037|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/LIVE-DB399B/2020|2020-10-21|EPI_ISL_650192|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2364456/2020|2020-11-07|EPI_ISL_740109|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/NSW1068/2020|2020-08-01|EPI_ISL_593708|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/New Zealand/20VR1960/2020|2020-04-05|EPI_ISL_579179|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Australia/VIC14332/2020|2020-08-01|EPI_ISL_592454|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1BC3DC/2020|2020-11-27|EPI_ISL_723869|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1212/2020|2020-08-17|EPI_ISL_569088|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/SHEF-10C802F/2020|2020-12-11|EPI_ISL_727878|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-63A605/2020|2020-07-04|EPI_ISL_557764|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1272/2020|2020-05-11|EPI_ISL_495722|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC8431/2020|2020-00-00|EPI_ISL_565006|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-C0725/2020|2020-03-25|EPI_ISL_420261|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2807B/2020|2020-03-25|EPI_ISL_431926|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_3972884/2020|2020-03-10|EPI_ISL_418822|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/South Korea/KCDC2172/2020|2020-03-23|EPI_ISL_506966|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/LA-BIE-011/2020|2020-04-08|EPI_ISL_468706|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/England/QEUA-A222EA/2020|2020-10-01|EPI_ISL_587350|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20140050604/2020|2020-03-26|EPI_ISL_420764|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9717/2020|2020-03-17|EPI_ISL_672159|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/ON-S1462/2020|2020-08-00|EPI_ISL_770835|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Australia/VIC2389/2020|2020-06-29|EPI_ISL_522107|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/70/2020|2020-04-15|EPI_ISL_428849|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-8845/2020|2020-07-02|EPI_ISL_780791|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7CDBD/2020|2020-04-05|EPI_ISL_442257|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-BE02E7/2020|2020-11-29|EPI_ISL_709880|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2468/2020|2020-04-26|EPI_ISL_776527|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Saudi Arabia/KAIMRC69/2020|2020-04-05|EPI_ISL_507030|unknown|hCoV-19^^Saudi Arabia|Human|unknown|Infectious Diseases Research|Submitter|Saudi Arabia

>Spike|hCoV-19/Scotland/QEUA-98F8EA/2020|2020-08-27|EPI_ISL_540062|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16344/2020|2020-11-16|EPI_ISL_714147|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-7590/2020|2020-06-26|EPI_ISL_546875|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-13674/2020|2020-11-30|EPI_ISL_712950|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-FA31F/2020|2020-12-11|EPI_ISL_725495|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-9A5523/2020|2020-09-03|EPI_ISL_550193|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/CE-UHL298/2020|2020-04-27|EPI_ISL_681714|Original|hCoV-19^^Clare|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/CO-UW-MAYO38/2020|2020-03-20|EPI_ISL_500527|Original|hCoV-19^^Colorado|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/WAM-030676/2020|2020-03-06|EPI_ISL_420332|Original|hCoV-19^^Herstal|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Japan/PG-4702/2020|2020-07-00|EPI_ISL_689839|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR3162/2020|2020-04-22|EPI_ISL_449196|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-BF475A/2020|2020-12-05|EPI_ISL_709039|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B31144/2020|2020-11-04|EPI_ISL_646390|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-24CC6/2020|2020-03-21|EPI_ISL_420938|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AAB155/2020|2020-10-21|EPI_ISL_652775|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DC1C5/2020|2020-09-22|EPI_ISL_575344|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0405289/2020|2020-04-05|EPI_ISL_464083|Original|hCoV-19^^Edingen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Switzerland/BL-ETHZ-200052/2020|2020-07-11|EPI_ISL_510736|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A7B30D/2020|2020-10-14|EPI_ISL_607589|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6372/2020|2020-07-06|EPI_ISL_547426|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1BBD39/2020|2020-00-00|EPI_ISL_679225|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/204691949/2020|2020-11-15|EPI_ISL_693454|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/205090693/2020|2020-12-12|EPI_ISL_768808|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/205260418/2020|2020-00-00|EPI_ISL_766538|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012782938/2020|2020-10-26|EPI_ISL_746247|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/ON-UHTC_0345/2020|2020-09-11|EPI_ISL_609804|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/ALDP-B45F9E/2020|2020-11-07|EPI_ISL_655986|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1642/2020|2020-03-17|EPI_ISL_775679|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/NSW1201/2020|2020-11-08|EPI_ISL_667801|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Jordan/AM-ALSR-5152/2020|2020-10-12|EPI_ISL_730391|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14978/2020|2020-10-16|EPI_ISL_786462|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2B02D/2020|2020-04-08|EPI_ISL_432392|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99010821/2020|2020-08-02|EPI_ISL_691658|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORT-29D0BB/2020|2020-05-04|EPI_ISL_488157|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-775/2020|2020-09-26|EPI_ISL_632612|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/WA440/2020|2020-09-26|EPI_ISL_672652|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-9500CC/2020|2020-06-18|EPI_ISL_555263|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-PODV-15961609/2020|2020-09-03|EPI_ISL_788952|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/Japan/PG-6922/2020|2020-09-00|EPI_ISL_688029|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B0DB34/2020|2020-11-02|EPI_ISL_642127|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6C93E6/2020|2020-07-02|EPI_ISL_556128|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_6129127/2020|2020-03-10|EPI_ISL_418837|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Sweden/20-50336/2020|2020-03-13|EPI_ISL_475088|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-BAB43D/2020|2020-11-18|EPI_ISL_681652|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-QDX-1055/2020|2020-03-17|EPI_ISL_571716|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUIH-C4C01B/2020|2020-12-14|EPI_ISL_757111|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1357/2020|2020-04-14|EPI_ISL_579734|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/CAMC-A593D8/2020|2020-10-09|EPI_ISL_597154|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547256/2020|2020-07-03|EPI_ISL_695452|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/South Africa/KRISP-K002179/2020|2020-07-08|EPI_ISL_515580|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-7332/2020|2020-06-29|EPI_ISL_546681|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18380/2020|2020-11-18|EPI_ISL_784728|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1975/2020|2020-04-08|EPI_ISL_433268|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0993/2020|2020-07-02|EPI_ISL_517883|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Jordan/IR-ALSR-5194/2020|2020-10-08|EPI_ISL_730432|Original|hCoV-19^^Irbid|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/QEUIH-A1F58D/2020|2020-10-01|EPI_ISL_599036|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204742188/2020|2020-00-00|EPI_ISL_649902|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2068/2020|2020-02-19|EPI_ISL_497969|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Wales/PHWC-49B25B/2020|2020-10-30|EPI_ISL_742310|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A5968/2020|2020-12-15|EPI_ISL_763733|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13EEC2/2020|2020-12-14|EPI_ISL_764377|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-C8C1A3/2020|2020-12-15|EPI_ISL_777036|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC1262/2020|2020-11-06|EPI_ISL_665141|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Ireland/WX-NVRL-72IRL33041/2020|2020-08-15|EPI_ISL_578230|Original|hCoV-19^^Wexford|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-2326/2020|2020-08-10|EPI_ISL_617663|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT0087/2020|2020-03-22|EPI_ISL_421490|Original|hCoV-19^^Portugal|Human|H Santarem|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-A7B024/2020|2020-10-14|EPI_ISL_607297|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17324/2020|2020-12-14|EPI_ISL_750907|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-B1B69C/2020|2020-11-01|EPI_ISL_710947|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A5849A/2020|2020-10-08|EPI_ISL_597209|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-260122/2020|2020-08-26|EPI_ISL_539429|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/LA-EVTL329/2020|2020-05-19|EPI_ISL_578735|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19429/2020|2020-11-30|EPI_ISL_783835|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB3662/2020|2020-04-28|EPI_ISL_453101|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C5EB/2020|2020-11-05|EPI_ISL_666447|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2D5C1D/2020|2020-12-19|EPI_ISL_763660|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/UT-08683/2020|2020-05-08|EPI_ISL_524404|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-QDX-1981/2020|2020-03-17|EPI_ISL_604294|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20174000904/2020|2020-04-21|EPI_ISL_465377|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E40D/2020|2020-10-13|EPI_ISL_595453|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_194/2020|2020-05-11|EPI_ISL_461366|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/NSW2232/2020|2020-03-20|EPI_ISL_509511|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Canada/ON-PHL-20-01766/2020|2020-07-00|EPI_ISL_636919|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/204691197/2020|2020-11-14|EPI_ISL_693441|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-A0B34E/2020|2020-10-01|EPI_ISL_599460|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A2195F/2020|2020-10-01|EPI_ISL_598833|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C04A6C/2020|2020-12-04|EPI_ISL_720770|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1179/2020|2020-04-12|EPI_ISL_648107|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Denmark/DCGC-19495/2020|2020-12-07|EPI_ISL_748987|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC470/2020|2020-03-26|EPI_ISL_426762|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-481B02/2020|2020-10-18|EPI_ISL_612178|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B249E2/2020|2020-11-04|EPI_ISL_646932|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1860/2020|2020-03-14|EPI_ISL_604174|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-9E1F78/2020|2020-09-20|EPI_ISL_581356|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B01E37/2020|2020-10-24|EPI_ISL_642923|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Palestine/14/2020|2020-03-10|EPI_ISL_596503|Original|hCoV-19^^Bethlehem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/England/QEUA-9DD416/2020|2020-09-21|EPI_ISL_599780|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7B1D5/2020|2020-11-12|EPI_ISL_723992|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160BC0/2020|2020-05-19|EPI_ISL_473026|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B2624F/2020|2020-11-04|EPI_ISL_646560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-R11-9364V/2020|2020-04-23|EPI_ISL_507296|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-DSHS-0893/2020|2020-06-16|EPI_ISL_610029|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-9DBDC2/2020|2020-09-21|EPI_ISL_601284|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-410/2020|2020-11-12|EPI_ISL_722621|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LEED-2A8369/2020|2020-04-02|EPI_ISL_538994|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health

England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-0181/2020|2020-04-06|EPI_ISL_437397|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Netherlands/NH-RIVM-20654/2020|2020-12-21|EPI_ISL_790726|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Wales/PHWC-320F6/2020|2020-04-14|EPI_ISL_446605|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Scotland/CVR5267/2020|2020-10-19|EPI_ISL_626855|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/CAMC-A57659/2020|2020-10-09|EPI_ISL_597502|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah126/2020|2020-03-24|EPI_ISL_437692|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/USA/TX-HMH-3710/2020|2020-06-15|EPI_ISL_543127|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Spain/MD-IBV-005349/2020|2020-03-19|EPI_ISL_510226|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/England/CAMC-A58FC6/2020|2020-10-09|EPI_ISL_597007|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9D9FDD/2020|2020-09-18|EPI_ISL_576834|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/USA/WA-S2029/2020|2020-06-05|EPI_ISL_497457|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/England/MILK-AC9670/2020|2020-10-21|EPI_ISL_629303|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC2098/2020|2020-06-15|EPI_ISL_480707|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Japan/PG-8424/2020|2020-09-00|EPI_ISL_687523|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/CA-CHLA-PLM21494482/2020|2020-12-01|EPI_ISL_753569|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA
>Spike|hCoV-19/Canada/ON-S1924/2020|2020-11-24|EPI_ISL_729269|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/mink/Netherlands/NB-EMC-1-11/2020|2020-04-28|EPI_ISL_522994|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/20149009304/2020|2020-03-30|EPI_ISL_466145|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL711/2020|2020-07-15|EPI_ISL_653403|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Zimbabwe/ZW-27BY/2020|2020-04-01|EPI_ISL_644753|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/Japan/PG-0546/2020|2020-04-01|EPI_ISL_480202|Original|hCoV-19^^HokurikuShinsyu|Human|Toyama Institute of Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S686/2020|2020-04-08|EPI_ISL_449856|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/EXET-13606A/2020|2020-04-17|EPI_ISL_457192|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-A6986D/2020|2020-10-09|EPI_ISL_665675|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUA-AE27E7/2020|2020-10-27|EPI_ISL_633639|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20002906/2020|2020-02-25|EPI_ISL_426400|Original|hCoV-19^^Hong Kong|Human|Pamela Youde Nethersole Eastern Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Scotland/EDB7820/2020|2020-09-22|EPI_ISL_573796|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMB-7E920/2020|2020-04-08|EPI_ISL_443072|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1048/2020|2020-04-04|EPI_ISL_437048|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/France/IDF-10076MH/2020|2020-03-00|EPI_ISL_447686|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/USA/WI-UW-317/2020|2020-04-19|EPI_ISL_436611|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/20188064104/2020|2020-05-01|EPI_ISL_465510|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-95806A/2020|2020-06-14|EPI_ISL_554842|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-444/2020|2020-06-18|EPI_ISL_484819|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NOTT-113D11/2020|2020-09-29|EPI_ISL_573476|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-942AFC/2020|2020-07-23|EPI_ISL_556913|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-A47A8D/2020|2020-10-06|EPI_ISL_609224|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD753/2020|2020-10-01|EPI_ISL_588017|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6590/2020|2020-06-24|EPI_ISL_546108|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9E9D67/2020|2020-09-24|EPI_ISL_580035|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20140070804/2020|2020-03-30|EPI_ISL_423410|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A57264/2020|2020-10-08|EPI_ISL_597365|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2E154/2020|2020-04-09|EPI_ISL_446062|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B882F0/2020|2020-11-14|EPI_ISL_674280|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F8D9/2020|2020-10-06|EPI_ISL_609721|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S216/2020|2020-03-20|EPI_ISL_430254|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Portugal/PT0202/2020|2020-03-29|EPI_ISL_455626|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMB-7E665/2020|2020-04-07|EPI_ISL_442576|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-220/2020|2020-03-31|EPI_ISL_463155|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/India/WB-IK50/2020|2020-05-05|EPI_ISL_508377|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/AZ-TG666155/2020|2020-05-02|EPI_ISL_696236|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15834/2020|2020-07-10|EPI_ISL_785518|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16383/2020|2020-11-16|EPI_ISL_714735|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/6016/2020|2020-11-26|EPI_ISL_775356|Original|hCoV-19^^Viken|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/LIVE-DC43C6/2020|2020-11-10|EPI_ISL_702739|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D6E9/2020|2020-11-09|EPI_ISL_703465|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-BFCCEA/2020|2020-12-02|EPI_ISL_720840|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14133/2020|2020-05-23|EPI_ISL_739196|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-5068/2020|2020-08-00|EPI_ISL_690178|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2D1E2A/2020|2020-04-06|EPI_ISL_499283|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17369/2020|2020-12-14|EPI_ISL_750938|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC14556/2020|2020-08-07|EPI_ISL_592891|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC9541/2020|2020-08-20|EPI_ISL_565594|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Norway/5663/2020|2020-10-30|EPI_ISL_708141|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Spain/VC-FISABIO-31/2020|2020-03-09|EPI_ISL_420116|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-B868D2/2020|2020-11-13|EPI_ISL_674033|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3B905/2020|2020-12-11|EPI_ISL_767218|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B12923/2020|2020-11-02|EPI_ISL_642245|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00444/2020|2020-04-08|EPI_ISL_717839|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/India/KA-nimh-11866/2020|2020-05-06|EPI_ISL_515950|Original|hCoV-19^^Karnataka|Human|VICTORIA HOSPITAL|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/India/MH-NIV-209852/2020|2020-09-13|EPI_ISL_577669|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/MILK-B39A32/2020|2020-11-02|EPI_ISL_679659|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Portugal/PT0273/2020|2020-04-05|EPI_ISL_453987|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-3056/2020|2020-04-00|EPI_ISL_691179|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-PV09183/2020|2020-03-19|EPI_ISL_422542|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Russia/SPE-RII-34646S/2020|2020-09-18|EPI_ISL_596237|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Wales/MILK-5938E7/2020|2020-06-11|EPI_ISL_558328|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4975DE/2020|2020-12-01|EPI_ISL_726853|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/256/2020|2020-03-17|EPI_ISL_417584|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/South Korea/KDCA0239/2020|2020-08-24|EPI_ISL_760004|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Denmark/DCGC-9832/2020|2020-11-09|EPI_ISL_669210|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Overijssel_12/2020|2020-04-08|EPI_ISL_460801|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A6CB07/2020|2020-10-15|EPI_ISL_608096|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA2B7D/2020|2020-11-18|EPI_ISL_672796|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-UniMI-5439/2020|2020-04-11|EPI_ISL_525569|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/Denmark/DCGC-1700/2020|2020-06-22|EPI_ISL_618167|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG664231/2020|2020-04-28|EPI_ISL_696038|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-7A3CC/2020|2020-04-02|EPI_ISL_440574|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA1015/2020|2020-11-18|EPI_ISL_719654|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00608/2020|2020-05-11|EPI_ISL_560361|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/ALDP-9E62F2/2020|2020-09-24|EPI_ISL_580525|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-202/2020|2020-03-30|EPI_ISL_463140|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Australia/NSW1019/2020|2020-03-29|EPI_ISL_593664|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMC-A3F851/2020|2020-10-07|EPI_ISL_609734|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D322C/2020|2020-04-09|EPI_ISL_628317|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUEH-964942/2020|2020-08-13|EPI_ISL_531077|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD50E/2020|2020-10-01|EPI_ISL_587784|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200449/2020|2020-10-09|EPI_ISL_752992|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/India/MH-ACTREC-376/2020|2020-07-24|EPI_ISL_700025|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/WA-S1720/2020|2020-06-01|EPI_ISL_496146|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9FDD33/2020|2020-10-01|EPI_ISL_588002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0188/2020|2020-11-14|EPI_ISL_747421|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Australia/VIC8165/2020|2020-08-11|EPI_ISL_564881|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/GJ-GBRC279/2020|2020-06-18|EPI_ISL_495016|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMC-BD48C6/2020|2020-11-27|EPI_ISL_702294|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG338117/2020|2020-05-30|EPI_ISL_694372|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC5095/2020|2020-07-19|EPI_ISL_519898|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MD-HP12141/2020|2020-12-26|EPI_ISL_791450|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/CAMB-82570/2020|2020-04-13|EPI_ISL_443562|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Ireland/D-SVUH-R6635/2020|2020-04-05|EPI_ISL_596674|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/England/CAMC-BBBFDF/2020|2020-11-21|EPI_ISL_724113|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/204690096/2020|2020-11-13|EPI_ISL_683527|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Iceland/599/2020|2020-03-28|EPI_ISL_424619|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Scotland/CVR5754/2020|2020-11-01|EPI_ISL_704089|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/ARA-12499/2020|2020-03-23|EPI_ISL_420608|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Spain/VC-FISABIO-206/2020|2020-03-17|EPI_ISL_436301|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/ALDP-9FD234/2020|2020-10-02|EPI_ISL_587739|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9C7C53/2020|2020-09-10|EPI_ISL_567086|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F6B21/2020|2020-09-27|EPI_ISL_600644|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B96C2E/2020|2020-11-13|EPI_ISL_674971|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B558BE/2020|2020-11-05|EPI_ISL_657554|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7833/2020|2020-10-19|EPI_ISL_618797|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR2837/2020|2020-04-21|EPI_ISL_438987|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Russia/PSK-RII-MH5658S/2020|2020-11-09|EPI_ISL_733310|Original|hCoV-19^^Pskov|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-7234/2020|2020-06-29|EPI_ISL_546616|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0979/2020|2020-06-14|EPI_ISL_698212|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-20000/2020|2020-12-07|EPI_ISL_747920|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-001994/2020|2020-03-16|EPI_ISL_452399|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/South Korea/KCDC2609/2020|2020-06-30|EPI_ISL_515012|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/MILK-62CDD4/2020|2020-07-05|EPI_ISL_557854|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A47CE1/2020|2020-10-05|EPI_ISL_598518|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6330/2020|2020-09-07|EPI_ISL_621187|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13018/2020|2020-08-28|EPI_ISL_788169|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16DCEE/2020|2020-09-25|EPI_ISL_577521|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-29/2020|2020-05-29|EPI_ISL_537561|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/CAMB-1ADBE5/2020|2020-05-04|EPI_ISL_448046|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Portugal/PT0460/2020|2020-04-17|EPI_ISL_454184|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-7657/2020|2020-06-26|EPI_ISL_546919|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-72B44/2020|2020-03-22|EPI_ISL_440064|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir8319/2020|2020-07-26|EPI_ISL_729577|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-CZB-6711/2020|2020-08-17|EPI_ISL_582975|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-AAEFC1/2020|2020-10-21|EPI_ISL_721555|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7900/2020|2020-10-26|EPI_ISL_618825|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-82886/2020|2020-04-21|EPI_ISL_438635|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-216883-01/2020|2020-09-14|EPI_ISL_765504|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-A3F97C/2020|2020-10-07|EPI_ISL_609667|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/FR-EMC-47/2020|2020-06-01|EPI_ISL_523139|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-MDH-1370/2020|2020-07-01|EPI_ISL_507958|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/South Africa/R12631-20/2020|2020-06-16|EPI_ISL_504202|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Hungary/US-57557w/2020|2020-10-02|EPI_ISL_677793|Original|hCoV-19^^B\u00e9cs-Kiskun county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Scotland/EDB6813/2020|2020-03-28|EPI_ISL_526491|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-A6793F/2020|2020-10-12|EPI_ISL_630572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201080072/2020|2020-03-03|EPI_ISL_464457|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-95A4C6/2020|2020-06-12|EPI_ISL_553417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0064/2020|2020-05-25|EPI_ISL_509468|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/England/CAMC-B0AF2C/2020|2020-10-30|EPI_ISL_643409|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036287673/2020|2020-10-05|EPI_ISL_596570|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Belgium/TMG-0326391/2020|2020-03-26|EPI_ISL_462245|Original|hCoV-19^^Grote-Brogel|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-22610/2020|2020-12-14|EPI_ISL_757669|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1242/2020|2020-08-27|EPI_ISL_676625|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10233/2020|2020-07-07|EPI_ISL_789382|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV0063v2/2020|2020-04-08|EPI_ISL_768761|Original|hCoV-19^^Wicklow|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-9315/2020|2020-11-16|EPI_ISL_668904|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/VEN-IZSVE-20RS2165-3/2020|2020-11-24|EPI_ISL_747478|Original|hCoV-19^^Veneto|Human|ULSS 5 Polesana|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/Wales/PHWC-491C93/2020|2020-11-12|EPI_ISL_706764|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EB9F1/2020|2020-05-09|EPI_ISL_457466|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-A1FF8F/2020|2020-10-01|EPI_ISL_599116|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3678/2020|2020-04-00|EPI_ISL_691931|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-8B9D16/2020|2020-06-28|EPI_ISL_557009|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA374/2020|2020-10-23|EPI_ISL_605851|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Scotland/CVR2957/2020|2020-04-22|EPI_ISL_461610|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/NH-EMC-83/2020|2020-09-02|EPI_ISL_632529|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Serbia/Novi Sad-091180205/2020|2020-05-01|EPI_ISL_676578|Original|hCoV-19^^Novi Sad|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/England/MILK-C7B8B1/2020|2020-12-15|EPI_ISL_757031|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PDL-SC610/2020|2020-03-23|EPI_ISL_649175|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Switzerland/Vs-ETHZ-390403/2020|2020-12-02|EPI_ISL_721702|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9CB730/2020|2020-09-16|EPI_ISL_575627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB4816/2020|2020-12-18|EPI_ISL_761742|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B78606/2020|2020-11-12|EPI_ISL_783414|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8064090/2020|2020-11-01|EPI_ISL_744675|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-BBBD99/2020|2020-11-21|EPI_ISL_705569|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-7531/2020|2020-08-00|EPI_ISL_686633|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-289692/2020|2020-03-31|EPI_ISL_458658|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3453/2020|2020-07-00|EPI_ISL_691563|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14988/2020|2020-11-23|EPI_ISL_713565|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-8845FE/2020|2020-07-26|EPI_ISL_532726|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14814/2020|2020-11-18|EPI_ISL_739531|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-97460C/2020|2020-08-21|EPI_ISL_575928|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/CMX-INER-01/2020|2020-03-12|EPI_ISL_424345|Original|hCoV-19^^Mexico City|Human|Instituto Nacional de Enfermedades Respiratorias|Instituto Nacional de Enfermedades Respiratorias|Vazquez|Mexico

>Spike|hCoV-19/USA/CA-CZB-14935/2020|2020-11-28|EPI_ISL_739034|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Netherlands/Limburg_62/2020|2020-04-19|EPI_ISL_461048|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-B80762/2020|2020-11-14|EPI_ISL_661927|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B97373/2020|2020-11-14|EPI_ISL_674928|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10470/2020|2020-07-08|EPI_ISL_789489|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1ADF34/2020|2020-04-26|EPI_ISL_459457|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01168/2020|2020-06-00|EPI_ISL_548790|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Luxembourg/LNS5807524/2020|2020-04-13|EPI_ISL_434502|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/QEUA-9FFE7A/2020|2020-10-02|EPI_ISL_600318|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4146/2020|2020-07-00|EPI_ISL_692385|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG491494/2020|2020-06-17|EPI_ISL_695124|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/South Korea/KCDC2683/2020|2020-06-27|EPI_ISL_522464|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/USA/AZ-TG305791/2020|2020-04-27|EPI_ISL_694278|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/BRIS-1853E63/2020|2020-04-27|EPI_ISL_492300|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-005978/2020|2020-03-11|EPI_ISL_500412|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A45C7A/2020|2020-10-06|EPI_ISL_598541|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B11915/2020|2020-11-02|EPI_ISL_642451|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF6249/2020|2020-10-30|EPI_ISL_663072|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04895/2020|2020-05-26|EPI_ISL_575191|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-22000/2020|2020-12-14|EPI_ISL_758504|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9CE463/2020|2020-09-17|EPI_ISL_590066|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19760/2020|2020-11-20|EPI_ISL_784103|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9997/2020|2020-07-06|EPI_ISL_780112|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/SP-549/2020|2020-04-01|EPI_ISL_471552|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Sancta Maggiore|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Germany/NW-HHU-436/2020|2020-10-25|EPI_ISL_733511|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcrseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Scotland/CVR4095/2020|2020-09-04|EPI_ISL_540800|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-95466C/2020|2020-06-13|EPI_ISL_555356|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31710/2020|2020-04-13|EPI_ISL_446478|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13E8A6/2020|2020-00-00|EPI_ISL_724344|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3038/2020|2020-05-31|EPI_ISL_543950|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-2055/2020|2020-07-13|EPI_ISL_618276|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-UNM-00806/2020|2020-05-12|EPI_ISL_610254|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/Belgium/reg-10191306/2020|2020-10-19|EPI_ISL_735209|Original|hCoV-19^^Erps-Kwerps|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Netherlands/Andel_1365066/2020|2020-03-01|EPI_ISL_413564|Original|hCoV-19^^Andel|Human|MHC West-Brabant|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/KA-nimh-1596/2020|2020-04-17|EPI_ISL_436156|Original|hCoV-19^^Karnataka|Human|District Surveillance Unit|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Germany/NW-HHU-34/2020|2020-03-16|EPI_ISL_419551|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Spain/PV-IBV-000669/2020|2020-03-06|EPI_ISL_452783|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-CADEC3/2020|2020-12-20|EPI_ISL_761252|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AA00AE/2020|2020-10-20|EPI_ISL_652706|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AA05DC/2020|2020-10-21|EPI_ISL_665329|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3729/2020|2020-06-16|EPI_ISL_543141|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Czech Republic/NRL_7942/2020|2020-07-28|EPI_ISL_545956|Original|hCoV-19^^Olomouc Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/BRIS-126470/2020|2020-04-10|EPI_ISL_459014|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20G35041/2020|2020-03-19|EPI_ISL_605113|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Japan/PG-1587/2020|2020-04-00|EPI_ISL_685193|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-4152/2020|2020-09-21|EPI_ISL_621972|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC1499/2020|2020-04-29|EPI_ISL_456472|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1303/2020|2020-04-09|EPI_ISL_495602|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03791/2020|2020-11-00|EPI_ISL_775052|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUH-B417A9/2020|2020-11-08|EPI_ISL_658528|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA2AAE/2020|2020-10-22|EPI_ISL_630730|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-UW335/2020|2020-03-13|EPI_ISL_418902|Original|hCoV-19^^Minnesota|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-6657/2020|2020-06-24|EPI_ISL_546151|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17215/2020|2020-12-14|EPI_ISL_750832|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B89BC7/2020|2020-11-13|EPI_ISL_675480|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ECF40/2020|2020-05-05|EPI_ISL_589312|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-151/2020|2020-04-08|EPI_ISL_427458|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-S919/2020|2020-04-25|EPI_ISL_463409|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Guatemala/CDC-1230/2020|2020-03-15|EPI_ISL_509697|Original|hCoV-19^^Guatemala|Human|Guatemala Ministry of Public Health|Pathogen Discovery|Queen|Guatemala

>Spike|hCoV-19/Scotland/CVR2331/2020|2020-04-13|EPI_ISL_477906|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-0887/2020|2020-04-00|EPI_ISL_684497|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-ACTREC-254/2020|2020-07-08|EPI_ISL_699906|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/CVR2886/2020|2020-04-21|EPI_ISL_473618|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/204200187/2020|2020-10-10|EPI_ISL_609877|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2EE701/2020|2020-12-21|EPI_ISL_763606|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2331A5/2020|2020-09-27|EPI_ISL_680263|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-102CAF/2020|2020-04-19|EPI_ISL_489198|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-CDC-2-3693560/2020|2020-11-20|EPI_ISL_747168|Original|hCoV-19^^Oregon|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-13266/2020|2020-11-30|EPI_ISL_712691|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-1228D2/2020|2020-04-03|EPI_ISL_440723|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-A60B8B/2020|2020-10-12|EPI_ISL_665394|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Nigeria/BO-CV335/2020|2020-04-29|EPI_ISL_730002|Original|hCoV-19^^Borno State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/204682424/2020|2020-11-12|EPI_ISL_693427|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Ukraine/203100335/2020|2020-06-26|EPI_ISL_512614|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/England/ALDP-95A587/2020|2020-06-12|EPI_ISL_553508|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5413/2020|2020-07-07|EPI_ISL_520176|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/QEUEH-964E07/2020|2020-08-13|EPI_ISL_531168|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002209/2020|2020-07-24|EPI_ISL_515606|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-7A90F3/2020|2020-07-10|EPI_ISL_533084|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-111211/2020|2020-06-26|EPI_ISL_746582|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/20138012104/2020|2020-03-26|EPI_ISL_421819|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B5316A/2020|2020-11-09|EPI_ISL_657645|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3C8F/2020|2020-12-12|EPI_ISL_764614|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1723/2020|2020-03-18|EPI_ISL_604041|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC12956/2020|2020-07-29|EPI_ISL_592122|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20168038104/2020|2020-04-13|EPI_ISL_466617|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003369/2020|2020-09-04|EPI_ISL_602759|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-CC3067/2020|2020-12-21|EPI_ISL_778133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49CCC5/2020|2020-12-08|EPI_ISL_742673|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6617/2020|2020-07-19|EPI_ISL_521379|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/OXON-B0AF2/2020|2020-04-19|EPI_ISL_478936|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB8246/2020|2020-10-01|EPI_ISL_585497|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Portugal/PT1564/2020|2020-06-27|EPI_ISL_693574|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Scotland/CVR2257/2020|2020-04-12|EPI_ISL_453034|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/ON-S1270/2020|2020-05-01|EPI_ISL_586322|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Shanghai/SH0030/2020|2020-02-03|EPI_ISL_416339|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/Singapore/52cul/2020|2020-06-05|EPI_ISL_574480|VeroE6 P1|hCoV-19^^Singapore|Human|Programme in Emerging Infectious Diseases|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-520C10/2020|2020-06-02|EPI_ISL_559090|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_6849-7/2020|2020-09-15|EPI_ISL_577630|Original|hCoV-19^^Central Bohemia Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/USA/TX-HMH-8033/2020|2020-07-01|EPI_ISL_545805|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/4810/2020|2020-10-26|EPI_ISL_668410|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Shanghai/SH0083/2020|2020-02-04|EPI_ISL_416384|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/Australia/VIC9748/2020|2020-08-23|EPI_ISL_565690|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-3512/2020|2020-08-31|EPI_ISL_616301|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9EE2AF/2020|2020-05-06|EPI_ISL_589419|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-2896/2020|2020-09-04|EPI_ISL_667396|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-B564AA/2020|2020-11-05|EPI_ISL_657518|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22254/2020|2020-10-30|EPI_ISL_666920|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/201141189/2020|2020-03-10|EPI_ISL_464746|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/France/IDF-5851/2020|2020-03-25|EPI_ISL_443298|Original|hCoV-19^^\u00cele-de-France|Human|H\u00f4pital Necker - Enfants - Malades\nLaboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-10641/2020|2020-07-08|EPI_ISL_789279|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/6613/2020|2020-12-04|EPI_ISL_775404|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Belgium/regal-0509646/2020|2020-05-09|EPI_ISL_734718|Original|hCoV-19^^Hoegaarden|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-B338A7/2020|2020-11-05|EPI_ISL_659222|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5703/2020|2020-06-18|EPI_ISL_546955|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/NC-IBV-001371/2020|2020-03-13|EPI_ISL_452530|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/ON-UHTC_0159/2020|2020-06-20|EPI_ISL_526285|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Bermuda/205081286/2020|2020-10-29|EPI_ISL_780402|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Spike|hCoV-19/Australia/VIC4392/2020|2020-07-12|EPI_ISL_519688|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-5CD170/2020|2020-06-19|EPI_ISL_558594|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-100832/2020|2020-03-25|EPI_ISL_451780|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4949D5/2020|2020-11-22|EPI_ISL_726200|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NA_605/2020|2020-03-14|EPI_ISL_460768|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/MD-IBV-99008612/2020|2020-08-06|EPI_ISL_654172|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-18506/2020|2020-12-07|EPI_ISL_750009|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B2DB01/2020|2020-11-03|EPI_ISL_646885|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2299/2020|2020-06-12|EPI_ISL_496931|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-9E4C41/2020|2020-09-22|EPI_ISL_579862|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6ED3C/2020|2020-10-15|EPI_ISL_607776|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C9AB7/2020|2020-12-10|EPI_ISL_727889|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11645/2020|2020-10-26|EPI_ISL_671045|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-875/2020|2020-12-01|EPI_ISL_755641|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Santo Andre|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/CT-Yale-079/2020|2020-03-02|EPI_ISL_431080|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Wales/PHWC-4862AE/2020|2020-10-30|EPI_ISL_639027|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A87043/2020|2020-10-17|EPI_ISL_605995|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4663/2020|2020-07-16|EPI_ISL_519052|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21324/2020|2020-04-04|EPI_ISL_507579|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-7308/2020|2020-06-29|EPI_ISL_546665|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0236/2020|2020-03-29|EPI_ISL_569399|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/ME-HETL-J0090/2020|2020-03-20|EPI_ISL_513499|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/NORW-F0A6F/2020|2020-10-09|EPI_ISL_584749|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/20118000304/2020|2020-03-11|EPI_ISL_464876|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA2E83/2020|2020-11-18|EPI_ISL_672842|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96D132/2020|2020-08-18|EPI_ISL_530801|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-ISCI-201441/2020|2020-03-04|EPI_ISL_578189|Original|hCoV-19^^Aragon|Human|Hospital Universitario Miguel Servet|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/USA/OR-OHSU-0150/2020|2020-05-06|EPI_ISL_468112|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/SHEF-C2FA3/2020|2020-08-31|EPI_ISL_540725|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-B11881/2020|2020-11-02|EPI_ISL_642223|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03059/2020|2020-08-05|EPI_ISL_765697|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/CAMC-B07C73/2020|2020-10-29|EPI_ISL_643895|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12564/2020|2020-09-30|EPI_ISL_790394|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-970D92/2020|2020-08-18|EPI_ISL_553161|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95B128/2020|2020-06-10|EPI_ISL_555679|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-61CB28/2020|2020-07-06|EPI_ISL_557795|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15508/2020|2020-10-24|EPI_ISL_786992|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/North Macedonia/ChVir7905/2020|2020-06-27|EPI_ISL_492077|Original|hCoV-19^^North Macedonia|Human|Institute for Public Health of the Republic of North Macedonia|Charite Universitatsmedizin Berlin|Muehleemann|North Macedonia

>Spike|hCoV-19/USA/LA-EVTL046/2020|2020-05-01|EPI_ISL_451207|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/204380511/2020|2020-10-23|EPI_ISL_660750|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1611/2020|2020-03-16|EPI_ISL_603986|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR5021/2020|2020-10-11|EPI_ISL_594756|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485E14/2020|2020-10-26|EPI_ISL_627207|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/R09085/2020|2020-04-28|EPI_ISL_470878|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National

Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/England/201060066/2020|2020-03-04|EPI_ISL_464392|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-01408/2020|2020-04-03|EPI_ISL_575055|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Scotland/QEUH-AD1727/2020|2020-10-26|EPI_ISL_649707|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/IB-IBV-99011586/2020|2020-12-18|EPI_ISL_779909|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/England/MILK-B8C7EE/2020|2020-11-13|EPI_ISL_675850|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-289182/2020|2020-03-28|EPI_ISL_458592|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9CC5BD/2020|2020-09-15|EPI_ISL_573115|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/England/NOTT-112714/2020|2020-04-16|EPI_ISL_490570|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14397/2020|2020-11-30|EPI_ISL_711743|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Switzerland/BL-ETHZ-230024/2020|2020-08-03|EPI_ISL_516567|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Australia/VIC5465/2020|2020-07-15|EPI_ISL_520214|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/QEUH-AEFD33/2020|2020-10-29|EPI_ISL_662752|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-488B65/2020|2020-10-26|EPI_ISL_639471|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/NV-NSPHL-A0180/2020|2020-05-19|EPI_ISL_515437|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spike|hCoV-19/England/LIVE-1D222E/2020|2020-05-11|EPI_ISL_572843|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/WA-UW-546/2020|2020-03-12|EPI_ISL_430885|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/20179044704/2020|2020-04-24|EPI_ISL_527355|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom
>Spike|hCoV-19/USA/LA-EVTL774/2020|2020-07-22|EPI_ISL_653465|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/Wales/PHWC-487CAF/2020|2020-10-29|EPI_ISL_639294|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/BRIS-1853A9C/2020|2020-04-17|EPI_ISL_492279|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-299/2020|2020-07-03|EPI_ISL_523641|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-QDX-1952/2020|2020-03-16|EPI_ISL_604270|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Portugal/PT0621/2020|2020-03-25|EPI_ISL_454344|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/OR-PROV-124/2020|2020-04-28|EPI_ISL_482388|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Ecuador/USFQ-212/2020|2020-08-04|EPI_ISL_539785|Original|hCoV-19^^Azuay|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/Oman/C-6584/2020|2020-04-26|EPI_ISL_491132|Original|hCoV-19^^South Batinah|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/England/ALDP-94CC83/2020|2020-06-15|EPI_ISL_555963|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA49F8/2020|2020-12-15|EPI_ISL_762423|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-78355/2020|2020-04-05|EPI_ISL_433721|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Beijing/DT-travelNO01/2020|2020-03-12|EPI_ISL_452342|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/England/ALDP-CB5842/2020|2020-12-15|EPI_ISL_761693|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0025/2020|2020-03-07|EPI_ISL_491437|Original|hCoV-19^^San Jose|Human|Area de Salud Escazu (Coopesana)|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/England/MILK-B8D413/2020|2020-11-13|EPI_ISL_674040|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2753/2020|2020-08-28|EPI_ISL_667301|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-343/2020|2020-07-15|EPI_ISL_504184|Original|hCoV-19^^Rajshahi|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/ALDP-C480E2/2020|2020-12-12|EPI_ISL_718929|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS29/2020|2020-04-12|EPI_ISL_522706|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A8774E/2020|2020-10-16|EPI_ISL_606187|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1D2E/2020|2020-10-22|EPI_ISL_624211|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1c4CE/2020|2020-11-01|EPI_ISL_645672|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6703/2020|2020-12-17|EPI_ISL_765067|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1015/2020|2020-07-08|EPI_ISL_525948|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Spain/VC-FISABIO-194/2020|2020-03-23|EPI_ISL_436289|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/CAMB-7AF04/2020|2020-04-10|EPI_ISL_433893|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Croatia/Zagreb-16/2020|2020-09-07|EPI_ISL_710559|Original|hCoV-19^^Zagreb|Human|University Hospital Dubrava|Ru\u0111er Bo\u0161kovic Institute; Forensic Science Centre Ivan Vu\u010deti\u0107; University of Zagreb Faculty of Science|Karlic|Croatia

>Spike|hCoV-19/Singapore/351/2020|2020-03-28|EPI_ISL_469106|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-16032/2020|2020-11-23|EPI_ISL_714548|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-390218/2020|2020-11-27|EPI_ISL_721961|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-11276/2020|2020-09-03|EPI_ISL_789756|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C584F2/2020|2020-12-14|EPI_ISL_735881|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9794/2020|2020-11-09|EPI_ISL_669183|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0169/2020|2020-09-15|EPI_ISL_755351|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/France/PAC-IHU-0521/2020|2020-04-06|EPI_ISL_569569|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Mexico/BCN-ALSR-2495/2020|2020-05-30|EPI_ISL_635504|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/TX-HMH-MCoV-18977/2020|2020-11-25|EPI_ISL_785260|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/ULG-10817/2020|2020-11-17|EPI_ISL_661241|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMB-1AC612/2020|2020-04-24|EPI_ISL_489559|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68233/2020|2020-10-12|EPI_ISL_608600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74549/2020|2020-11-12|EPI_ISL_678924|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-35178S/2020|2020-09-24|EPI_ISL_596244|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-1653/2020|2020-04-00|EPI_ISL_685259|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-0718-SAN/2020|2020-03-27|EPI_ISL_483321|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-9586FF/2020|2020-06-09|EPI_ISL_554831|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036392191/2020|2020-10-12|EPI_ISL_610065|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-BFF5BF/2020|2020-12-02|EPI_ISL_720781|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200020/2020|2020-04-09|EPI_ISL_471186|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15002/2020|2020-10-16|EPI_ISL_786486|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/reg-0414583/2020|2020-04-14|EPI_ISL_734581|Original|hCoV-19^^Wilsele|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUA-9DCB8B/2020|2020-09-21|EPI_ISL_581047|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-10317/2020|2020-03-10|EPI_ISL_636507|Original|hCoV-19^^NoordBrabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Australia/VIC6256/2020|2020-07-20|EPI_ISL_518248|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B6A82/2020|2020-10-08|EPI_ISL_612269|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-A8B99F/2020|2020-10-16|EPI_ISL_643084|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-288/2020|2020-04-08|EPI_ISL_436582|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-19829/2020|2020-12-07|EPI_ISL_747815|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-342/2020|2020-07-20|EPI_ISL_699991|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Russia/SVE-RII-MH4662S/2020|2020-08-29|EPI_ISL_733225|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-9ED361/2020|2020-05-05|EPI_ISL_589560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0212/2020|2020-11-17|EPI_ISL_747447|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-18289/2020|2020-11-17|EPI_ISL_784637|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9F33A/2020|2020-05-01|EPI_ISL_453448|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-BAC7BB/2020|2020-11-18|EPI_ISL_783193|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV0486v1/2020|2020-04-26|EPI_ISL_644298|Original|hCoV-19^^Wicklow|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-16300/2020|2020-10-30|EPI_ISL_785984|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4013/2020|2020-07-00|EPI_ISL_692254|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-10882/2020|2020-11-13|EPI_ISL_678425|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/LA-GBCL-26556543/2020|2020-04-15|EPI_ISL_485181|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Australia/VIC17338/2020|2020-07-28|EPI_ISL_663849|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21709/2020|2020-05-19|EPI_ISL_529828|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMB-1AA4A1/2020|2020-04-16|EPI_ISL_443659|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4985DD/2020|2020-12-04|EPI_ISL_727098|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4865/2020|2020-07-18|EPI_ISL_519249|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-IBV-99008543/2020|2020-09-08|EPI_ISL_654089|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-18945/2020|2020-11-25|EPI_ISL_785241|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6F858/2020|2020-10-15|EPI_ISL_607247|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00638/2020|2020-05-13|EPI_ISL_692991|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/MILK-B89EEC/2020|2020-11-13|EPI_ISL_675565|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1955/2020|2020-11-24|EPI_ISL_755675|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/SHEF-D087A/2020|2020-04-14|EPI_ISL_457676|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10921F/2020|2020-10-22|EPI_ISL_650452|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18070/2020|2020-11-14|EPI_ISL_784418|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1700/2020|2020-08-20|EPI_ISL_594389|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Israel/CVL-n14269/2020|2020-03-17|EPI_ISL_514309|Original|hCoV-19^^Central District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Australia/VIC16081/2020|2020-00-00|EPI_ISL_640643|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-9870/2020|2020-11-09|EPI_ISL_669242|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/52/2020|2020-03-13|EPI_ISL_428831|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Australia/VIC11134/2020|2020-07-25|EPI_ISL_563263|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-1967/2020|2020-04-00|EPI_ISL_685573|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Gambia/NPHL-941/2020|2020-00-00|EPI_ISL_561332|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/BRIS-123A62/2020|2020-04-07|EPI_ISL_442797|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/PORT-2F52D9/2020|2020-00-00|EPI_ISL_703564|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020135005/2020|2020-06-18|EPI_ISL_535292|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Canada/ON-PHL-20-00056/2020|2020-00-00|EPI_ISL_548733|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Northern Ireland/NIRE-10875D/2020|2020-09-13|EPI_ISL_585199|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Iceland/426/2020|2020-03-20|EPI_ISL_424450|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Switzerland/BE-ETHZ-370506/2020|2020-11-17|EPI_ISL_693990|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-AA3D68/2020|2020-10-21|EPI_ISL_624230|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-112760/2020|2020-06-28|EPI_ISL_746589|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/ALDP-BBA8B7/2020|2020-11-20|EPI_ISL_701768|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/14M32/2020|2020-03-14|EPI_ISL_418408|Original|hCoV-19^^Helsinki|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/CVR4405/2020|2020-09-21|EPI_ISL_585279|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB9252/2020|2020-11-04|EPI_ISL_650800|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Scotland/EDB8826/2020|2020-10-26|EPI_ISL_652006|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/CAMC-B9C53C/2020|2020-11-15|EPI_ISL_673425|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18613/2020|2020-12-07|EPI_ISL_750080|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6270/2020|2020-06-23|EPI_ISL_547355|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6D070/2020|2020-10-14|EPI_ISL_608079|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B384F9/2020|2020-11-01|EPI_ISL_659027|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00554/2020|2020-10-29|EPI_ISL_717938|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/QEUEH-9D054D/2020|2020-09-16|EPI_ISL_589913|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBAC42/2020|2020-11-21|EPI_ISL_701934|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1237/2020|2020-05-01|EPI_ISL_667776|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/NORT-28CB81/2020|2020-05-18|EPI_ISL_469329|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-UF5/2020|2020-03-27|EPI_ISL_447589|Vero E6|hCoV-19^^Florida|Human|University of Florida|University of Florida|Elbadry|USA

>Spike|hCoV-19/England/QEUEH-AD5161/2020|2020-10-25|EPI_ISL_634172|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG412165/2020|2020-06-25|EPI_ISL_694982|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-2DE5E/2020|2020-04-14|EPI_ISL_446030|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS-Jakir/2020|2020-12-06|EPI_ISL_747283|Original|hCoV-19^^Dhaka|Human|DNA SOLUTION LTD.|DNA SOLUTION LTD.|Khan|Bangladesh

>Spike|hCoV-19/DRC/4694/2020|2020-04-30|EPI_ISL_514107|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/CA-ALSR-3065/2020|2020-08-04|EPI_ISL_635824|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/CVR1937/2020|2020-04-08|EPI_ISL_493749|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1130/2020|2020-06-13|EPI_ISL_677988|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/NY-NYCPHL-000404/2020|2020-03-24|EPI_ISL_631888|Original|hCoV-19^^New York|Human|St Barnabas Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-16D6FF/2020|2020-09-25|EPI_ISL_577435|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9668214/2020|2020-10-30|EPI_ISL_744964|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-3283/2020|2020-04-00|EPI_ISL_691398|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-32C3E/2020|2020-04-15|EPI_ISL_446668|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CEB3A/2020|2020-04-26|EPI_ISL_479265|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6740/2020|2020-06-25|EPI_ISL_546207|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-111DF5/2020|2020-04-14|EPI_ISL_472409|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-28D35B/2020|2020-11-16|EPI_ISL_706339|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14549/2020|2020-11-30|EPI_ISL_711069|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-1333DD/2020|2020-05-20|EPI_ISL_495117|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E9A96/2020|2020-04-30|EPI_ISL_448349|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20379/2020|2020-12-06|EPI_ISL_728599|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/PORT-2D35AB/2020|2020-04-15|EPI_ISL_529345|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Austria/CeMM0252/2020|2020-03-21|EPI_ISL_438082|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-16175/2020|2020-11-16|EPI_ISL_714621|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AF51E3/2020|2020-10-30|EPI_ISL_662992|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2011197332/2020|2020-11-18|EPI_ISL_771253|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/CAMB-1BAEDD/2020|2020-11-11|EPI_ISL_664185|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-1960/2020|2020-04-00|EPI_ISL_685566|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-1266FBB/2020|2020-12-11|EPI_ISL_741238|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-B8974B/2020|2020-11-13|EPI_ISL_675922|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E9BA2/2020|2020-04-30|EPI_ISL_461847|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8D78/2020|2020-10-31|EPI_ISL_650447|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/IL-NM09/2020|2020-03-17|EPI_ISL_444522|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/UT-UPHL-201128144/2020|2020-05-12|EPI_ISL_648594|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUH-962EDC/2020|2020-08-11|EPI_ISL_531821|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/VAC-GVI-97181/2020|2020-04-03|EPI_ISL_447792|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9dez|Colombia

>Spike|hCoV-19/USA/TX-HMH-1334/2020|2020-04-16|EPI_ISL_542655|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20124101202/2020|2020-03-18|EPI_ISL_418740|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-916C46/2020|2020-06-22|EPI_ISL_551514|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12629/2020|2020-00-00|EPI_ISL_640656|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-5155/2020|2020-08-00|EPI_ISL_690262|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20086/2020|2020-12-07|EPI_ISL_747972|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CM-ISCI-201328/2020|2020-03-01|EPI_ISL_418245|Original|hCoV-19^^Castilla La Mancha|Human|Hospital General y Universitario de Guadalajara|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Scotland/GCVR-173D88/2020|2020-04-07|EPI_ISL_459159|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S22/2020|2020-03-16|EPI_ISL_586381|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Ireland/D-NVRL-20G43510/2020|2020-03-25|EPI_ISL_681925|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/MILK-AC8F94/2020|2020-10-22|EPI_ISL_629712|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F6F3D/2020|2020-11-24|EPI_ISL_706384|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B08076/2020|2020-10-29|EPI_ISL_643350|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9705196/2020|2020-10-19|EPI_ISL_744971|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-B3C370/2020|2020-11-01|EPI_ISL_706137|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC7942/2020|2020-08-18|EPI_ISL_564761|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-6847FA/2020|2020-07-02|EPI_ISL_581393|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7304/2020|2020-08-00|EPI_ISL_688407|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-15918/2020|2020-07-10|EPI_ISL_785602|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6572/2020|2020-09-00|EPI_ISL_687684|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-110F87/2020|2020-04-22|EPI_ISL_448442|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-AA564D/2020|2020-10-22|EPI_ISL_625097|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2191/2020|2020-03-21|EPI_ISL_776419|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/LIVE-99576/2020|2020-04-08|EPI_ISL_439735|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200374/2020|2020-04-22|EPI_ISL_578543|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/QEUA-A79484/2020|2020-10-14|EPI_ISL_638803|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13170/2020|2020-11-30|EPI_ISL_712632|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8465/2020|2020-08-00|EPI_ISL_687564|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012957045/2020|2020-09-22|EPI_ISL_745522|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Germany/NW-UBI-43/2020|2020-06-17|EPI_ISL_631297|Original|hCoV-19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/Australia/VIC2318/2020|2020-06-24|EPI_ISL_522039|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-96457B/2020|2020-08-11|EPI_ISL_536833|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-951887/2020|2020-06-10|EPI_ISL_555456|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1530/2020|2020-09-10|EPI_ISL_605408|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/PORT-2D2102/2020|2020-03-21|EPI_ISL_611555|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-A1E481/2020|2020-09-29|EPI_ISL_587436|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2623/2020|2020-08-22|EPI_ISL_667266|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8534/2020|2020-07-01|EPI_ISL_780612|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC11501/2020|2020-08-31|EPI_ISL_563398|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/KRISP-0417/2020|2020-07-02|EPI_ISL_495541|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B3A5A9/2020|2020-11-02|EPI_ISL_659032|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29B2E/2020|2020-04-02|EPI_ISL_474242|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DC2BC0/2020|2020-11-25|EPI_ISL_702871|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC913/2020|2020-05-07|EPI_ISL_467406|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-83BD7/2020|2020-04-16|EPI_ISL_443368|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB10322/2020|2020-11-24|EPI_ISL_724223|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/CAMB-1B135F/2020|2020-05-08|EPI_ISL_458531|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1525/2020|2020-08-13|EPI_ISL_569189|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/CA-CZB-12788/2020|2020-10-14|EPI_ISL_648445|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/EDB5960/2020|2020-05-02|EPI_ISL_487683|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4451/2020|2020-07-16|EPI_ISL_519747|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-AA967/2020|2020-08-10|EPI_ISL_540588|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-96D976/2020|2020-08-20|EPI_ISL_530643|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4366/2020|2020-04-25|EPI_ISL_449299|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/CAMB-83C2F/2020|2020-04-16|EPI_ISL_443357|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11117/2020|2020-05-29|EPI_ISL_625510|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/VA-DCLS-0233/2020|2020-04-04|EPI_ISL_452810|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-4F5C15/2020|2020-06-24|EPI_ISL_559202|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_Ismail/2020|2020-06-28|EPI_ISL_774998|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/CAMC-A8101C/2020|2020-10-14|EPI_ISL_610636|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D9C0/2020|2020-10-14|EPI_ISL_607063|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA09/2020|2020-03-14|EPI_ISL_420538|Original|hCoV-19^^Western Australia|Human|Department of Microbiology|Department of Microbiology|Sikazwe|Australia

>Spike|hCoV-19/Brazil/RJ-00526/2020|2020-06-02|EPI_ISL_717912|Original|hCoV-19^^Rio de Janeiro|Human|LACEN Dr. Francisco Rimolo Neto|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Scotland/EDB5871/2020|2020-04-28|EPI_ISL_487931|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-991029/2020|2020-08-27|EPI_ISL_551897|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3485/2020|2020-08-31|EPI_ISL_616273|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9F33A4/2020|2020-09-23|EPI_ISL_588637|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8670/2020|2020-07-01|EPI_ISL_780690|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-CB355C/2020|2020-12-20|EPI_ISL_761273|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7269/2020|2020-11-00|EPI_ISL_740650|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC21177/2020|2020-07-02|EPI_ISL_507434|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/UT-UPHL-2008783/2020|2020-06-01|EPI_ISL_524811|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Luxembourg/LNS1234709/2020|2020-03-12|EPI_ISL_419570|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/LOND-D8678/2020|2020-04-19|EPI_ISL_492762|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9551E2/2020|2020-06-12|EPI_ISL_553594|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12738/2020|2020-11-16|EPI_ISL_682919|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94F813/2020|2020-06-16|EPI_ISL_555789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-974CDD/2020|2020-08-21|EPI_ISL_552528|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49560A/2020|2020-11-23|EPI_ISL_726372|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D57A5/2020|2020-04-17|EPI_ISL_449721|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-79/2020|2020-03-20|EPI_ISL_523950|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Japan/PG-3289/2020|2020-04-00|EPI_ISL_691404|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Hong Kong/VB20065870/2020|2020-04-08|EPI_ISL_463323|Original|hCoV-19^^Hong Kong|Human|Yuen Long JC GOPC|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Turkey/IST-GLAB-143/2020|2020-04-30|EPI_ISL_735280|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/TX-HMH-MCoV-12637/2020|2020-09-01|EPI_ISL_789852|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-78971/2020|2020-04-07|EPI_ISL_433797|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-99D5B5/2020|2020-08-31|EPI_ISL_549817|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10953/2020|2020-11-02|EPI_ISL_670307|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-A1FCC4/2020|2020-10-01|EPI_ISL_587607|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A697BB/2020|2020-10-08|EPI_ISL_665851|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13251/2020|2020-08-25|EPI_ISL_788401|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16024/2020|2020-11-23|EPI_ISL_714543|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1999/2020|2020-05-00|EPI_ISL_685604|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2008901/2020|2020-05-26|EPI_ISL_525014|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/New Zealand/20VR1996/2020|2020-00-00|EPI_ISL_579196|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-A86D2F/2020|2020-10-17|EPI_ISL_606131|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2063/2020|2020-08-03|EPI_ISL_667552|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Scotland/QEUH-9B770A/2020|2020-09-08|EPI_ISL_602120|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5869/2020|2020-08-00|EPI_ISL_688984|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/ALAB-SSI293/2020|2020-03-10|EPI_ISL_429448|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10806/2020|2020-07-05|EPI_ISL_789258|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Bahrain/340844843/2020|2020-10-26|EPI_ISL_681310|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Netherlands/LI-RIVM-20956/2020|2020-12-22|EPI_ISL_790980|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/France/ARA-101085/2020|2020-11-04|EPI_ISL_732679|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/MD-MDH-0141/2020|2020-07-09|EPI_ISL_534701|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-058/2020|2020-05-10|EPI_ISL_466636|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/MILK-62A6CC/2020|2020-07-05|EPI_ISL_557884|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1853A23/2020|2020-04-16|EPI_ISL_492389|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC307/2020|2020-03-24|EPI_ISL_649945|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CHU de Saint-\u00c9tienne H\u00f4pital Nord|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/SHEF-CEEC8/2020|2020-10-29|EPI_ISL_653090|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6400/2020|2020-04-03|EPI_ISL_430975|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-BBBB26/2020|2020-11-21|EPI_ISL_724090|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003390/2020|2020-09-10|EPI_ISL_602778|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Italy/BAS-IZSPB-388PT/2020|2020-10-26|EPI_ISL_722887|Original|hCoV-19^^Basilicata|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/USA/TX-HMH-MCoV-15294/2020|2020-10-19|EPI_ISL_786778|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/201360139/2020|2020-03-24|EPI_ISL_423225|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/tiger/USA/NY-4-040420/2020|2020-04-04|EPI_ISL_566042|Original|hCoV-19^^New York|Panthera tigris jacksoni|Wildlife Conservation Society|Diagnostic Virology Laboratory|Mitchell|USA

>Spike|hCoV-19/Australia/VIC8094/2020|2020-08-16|EPI_ISL_564844|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-CDC-1916/2020|2020-05-07|EPI_ISL_535343|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Curacao/CW-RIVM-10364/2020|2020-08-11|EPI_ISL_636519|Original|hCoV-19^^Curacao|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Curacao

>Spike|hCoV-19/England/MILK-9A523B/2020|2020-09-02|EPI_ISL_549951|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/63/2020|2020-03-07|EPI_ISL_417855|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMC-B07305/2020|2020-10-30|EPI_ISL_643970|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-005951/2020|2020-03-25|EPI_ISL_500385|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-BA231B/2020|2020-11-18|EPI_ISL_719865|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4417/2020|2020-10-21|EPI_ISL_624504|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21660/2020|2020-12-21|EPI_ISL_758293|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-AC613/2020|2020-04-05|EPI_ISL_448468|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Ireland/LK-UHL45/2020|2020-04-14|EPI_ISL_681753|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/MI-MDHHS-SC20851/2020|2020-04-29|EPI_ISL_471872|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-21452/2020|2020-12-21|EPI_ISL_758173|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Malaysia/UNIMAS-M3851/2020|2020-05-11|EPI_ISL_718133|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/Japan/PG-6162/2020|2020-08-00|EPI_ISL_689274|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-DAF4E/2020|2020-11-14|EPI_ISL_724733|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-9AB0A4/2020|2020-08-31|EPI_ISL_551235|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12385/2020|2020-09-12|EPI_ISL_563557|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-96B7AB/2020|2020-08-16|EPI_ISL_534647|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17363/2020|2020-08-21|EPI_ISL_663857|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/RI-IBV-98002295/2020|2020-03-05|EPI_ISL_537818|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/GCVR-17129A/2020|2020-03-26|EPI_ISL_459678|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-A97CC4/2020|2020-12-12|EPI_ISL_764276|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9EAC5A/2020|2020-09-24|EPI_ISL_579987|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21802/2020|2020-07-06|EPI_ISL_565845|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LIVE-A778E/2020|2020-03-27|EPI_ISL_517068|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168B22/2020|2020-04-19|EPI_ISL_494332|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7305/2020|2020-10-12|EPI_ISL_619058|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-20473/2020|2020-12-21|EPI_ISL_759172|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-969831/2020|2020-08-14|EPI_ISL_530959|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17013/2020|2020-12-14|EPI_ISL_750709|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Nigeria/LA-CV380/2020|2020-05-16|EPI_ISL_730036|Original|hCoV-19^^Lagos State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Colombia/NAR-INS-103303-2/2020|2020-04-28|EPI_ISL_526955|Original|hCoV-19^^Narino|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Wales/PHWC-48DD5B/2020|2020-11-06|EPI_ISL_680752|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1515/2020|2020-05-13|EPI_ISL_494637|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-1722/2020|2020-04-21|EPI_ISL_542791|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16967B/2020|2020-03-28|EPI_ISL_512493|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B9F40F/2020|2020-11-18|EPI_ISL_721028|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0639/2020|2020-04-06|EPI_ISL_508843|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-1AF5A9/2020|2020-05-07|EPI_ISL_448083|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22133/2020|2020-10-13|EPI_ISL_614184|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/QEUH-9B0F18/2020|2020-09-03|EPI_ISL_560051|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-C5D2E/2020|2020-04-28|EPI_ISL_475387|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D2B6/2020|2020-11-14|EPI_ISL_680601|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7379A/2020|2020-03-30|EPI_ISL_425236|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A45ED/2020|2020-12-16|EPI_ISL_763761|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1685E8/2020|2020-04-17|EPI_ISL_494261|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C34D/2020|2020-11-10|EPI_ISL_655892|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-7918/2020|2020-03-00|EPI_ISL_548209|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Denmark/DCGC-10073/2020|2020-11-09|EPI_ISL_668499|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B9903E/2020|2020-11-15|EPI_ISL_673747|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12265/2020|2020-08-12|EPI_ISL_640379|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-8017/2020|2020-08-00|EPI_ISL_687118|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-p1364/2020|2020-03-28|EPI_ISL_776560|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Poland/PL_P32/2020|2020-03-13|EPI_ISL_455445|Original|hCoV-19^^Mazowieckie|Human|1. ViroGenetics - BSL3 Laboratory of Virology|1. ViroGenetics - BSL3 Laboratory of Virology|Pyrz|Poland

>Spike|hCoV-19/England/CAMB-7C306/2020|2020-04-14|EPI_ISL_434026|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredit|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1647D7/2020|2020-04-22|EPI_ISL_479309|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3296/2020|2020-04-00|EPI_ISL_691411|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B788F1/2020|2020-11-09|EPI_ISL_783383|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3201/2020|2020-03-29|EPI_ISL_579486|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-489047/2020|2020-11-01|EPI_ISL_639529|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201032758/2020|2020-07-06|EPI_ISL_594056|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NY-NYUMC773/2020|2020-03-27|EPI_ISL_456010|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-A86053/2020|2020-10-17|EPI_ISL_606124|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7C5E/2020|2020-10-25|EPI_ISL_638370|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03629/2020|2020-11-00|EPI_ISL_775135|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/LA-EVTL1440/2020|2020-12-15|EPI_ISL_779106|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-483FB9/2020|2020-10-18|EPI_ISL_627002|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9E4C14/2020|2020-09-21|EPI_ISL_579869|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4622/2020|2020-11-03|EPI_ISL_667042|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-B1A0EA/2020|2020-11-02|EPI_ISL_645686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8443/2020|2020-07-28|EPI_ISL_565016|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15950/2020|2020-11-23|EPI_ISL_714501|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-20ILR10842/2020|2020-11-16|EPI_ISL_732383|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Netherlands/ZH-EMC-1108/2020|2020-12-13|EPI_ISL_722777|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CSMC112/2020|2020-04-02|EPI_ISL_475588|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/ALDP-522FAC/2020|2020-06-02|EPI_ISL_558918|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6307/2020|2020-06-28|EPI_ISL_547380|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/R13562-20/2020|2020-07-13|EPI_ISL_622912|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/QEUA-B7BFAE/2020|2020-11-14|EPI_ISL_668176|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG273318/2020|2020-04-02|EPI_ISL_426569|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/England/ALDP-59985A/2020|2020-06-08|EPI_ISL_558312|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2795/2020|2020-03-30|EPI_ISL_489015|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5975/2020|2020-08-00|EPI_ISL_689090|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9FB4F4/2020|2020-09-28|EPI_ISL_588223|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16873/2020|2020-12-14|EPI_ISL_750308|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-15C356/2020|2020-05-04|EPI_ISL_472474|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204221446/2020|2020-00-00|EPI_ISL_593817|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000109/2020|2020-03-27|EPI_ISL_631601|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-A4F9F1/2020|2020-10-07|EPI_ISL_597806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-270087/2020|2020-09-02|EPI_ISL_541425|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-5E1510/2020|2020-06-17|EPI_ISL_533307|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3327C/2020|2020-11-05|EPI_ISL_659419|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0289/2020|2020-10-25|EPI_ISL_760083|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/NORW-EC644/2020|2020-05-09|EPI_ISL_457543|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NOTT-11BCB2/2020|2020-11-13|EPI_ISL_650767|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20834/2020|2020-12-21|EPI_ISL_758920|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1142/2020|2020-04-15|EPI_ISL_648051|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/TX-HMH-5566/2020|2020-06-24|EPI_ISL_544867|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-13172/2020|2020-11-30|EPI_ISL_712144|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17318/2020|2020-12-14|EPI_ISL_750902|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1412/2020|2020-03-25|EPI_ISL_511371|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-974D9E/2020|2020-08-22|EPI_ISL_552484|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1071/2020|2020-11-27|EPI_ISL_768341|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Iran/GRC-9695/2020|2020-06-11|EPI_ISL_596455|Original|hCoV-19^^Tehran|Human|Department of Pathology|Genetics Research Center|Najmabadi|Iran

>Spike|hCoV-19/India/DL-NCDC-01710/2020|2020-03-18|EPI_ISL_435070|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/ALDP-C3BE24/2020|2020-12-10|EPI_ISL_731864|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F1DD5/2020|2020-09-24|EPI_ISL_589727|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B3FDAC/2020|2020-11-08|EPI_ISL_658616|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9F8C2/2020|2020-05-11|EPI_ISL_472022|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Uganda/UG136/2020|2020-10-01|EPI_ISL_738043|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/USA/MI-MDHHS-SC20896/2020|2020-04-23|EPI_ISL_476033|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-B62CB2/2020|2020-11-08|EPI_ISL_655579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/MASRI-009/2020|2020-04-30|EPI_ISL_483035|Original|hCoV-19^^Cairo|Human|Medical Ain Shams Research Institute (MASRI)|Medical Ain Shams Research Institute (MASRI)|Moustafa|Egypt

>Spike|hCoV-19/Wales/ALDP-CB39F6/2020|2020-12-18|EPI_ISL_761789|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29CC30/2020|2020-05-01|EPI_ISL_484294|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Italy/VEN-IZSVE-20RS2272-38_PD/2020|2020-12-11|EPI_ISL_763080|Original|hCoV-19^^Veneto|Human|Microbiologia e Virologia|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/Denmark/DCGC-2724/2020|2020-08-17|EPI_ISL_616469|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4409/2020|2020-07-14|EPI_ISL_519705|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7895/2020|2020-06-30|EPI_ISL_545687|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB11316/2020|2020-12-24|EPI_ISL_764221|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48247F/2020|2020-10-21|EPI_ISL_613221|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488CBD/2020|2020-11-01|EPI_ISL_639490|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003606/2020|2020-03-16|EPI_ISL_538623|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/GE-RIVM-20542/2020|2020-11-23|EPI_ISL_728757|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MN-MDH-1831/2020|2020-09-17|EPI_ISL_602966|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-21506/2020|2020-12-21|EPI_ISL_758199|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-12862/2020|2020-08-18|EPI_ISL_788015|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Chile/RM-ISPCH-12/2020|2020-03-10|EPI_ISL_445255|Original|hCoV-19^^Region Metropolitana de Santiago|Human|CLINICA ALEMA\u00f1A DE SANTIAGO S.A.|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/ALDP-929080/2020|2020-06-22|EPI_ISL_552985|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6111/2020|2020-08-00|EPI_ISL_689223|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/PAC-IHU-0355/2020|2020-03-21|EPI_ISL_569473|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Australia/VIC3448/2020|2020-07-05|EPI_ISL_521114|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-UW-MAYO74/2020|2020-03-16|EPI_ISL_500537|Original|hCoV-19^^Minnesota|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/reg-10061197/2020|2020-10-06|EPI_ISL_735071|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUH-A334C2/2020|2020-10-05|EPI_ISL_628385|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-A7E4E9/2020|2020-10-16|EPI_ISL_638491|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20260/2020|2020-03-15|EPI_ISL_447059|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/South Korea/KCDC2762/2020|2020-07-21|EPI_ISL_522541|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Luxembourg/LNS3491081/2020|2020-10-19|EPI_ISL_740317|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-A93624/2020|2020-10-20|EPI_ISL_611090|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-X52/2020|2020-07-14|EPI_ISL_528860|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/MILK-B56B0F/2020|2020-11-05|EPI_ISL_656774|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3866/2020|2020-09-07|EPI_ISL_615584|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/IC-0536/2021|2021-01-00|EPI_ISL_779219|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW1005/2020|2020-10-12|EPI_ISL_591501|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-4094/2020|2020-09-14|EPI_ISL_622050|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-5DE507/2020|2020-06-17|EPI_ISL_533312|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487FB5/2020|2020-10-28|EPI_ISL_639333|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16879/2020|2020-12-14|EPI_ISL_750618|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10409/2020|2020-07-08|EPI_ISL_789457|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BB8C17/2020|2020-11-20|EPI_ISL_702645|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1660/2020|2020-07-05|EPI_ISL_594349|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-B76477/2020|2020-11-12|EPI_ISL_723763|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17182F/2020|2020-03-28|EPI_ISL_489658|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL148/2020|2020-04-08|EPI_ISL_454406|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/Wales/PHWC-483C94/2020|2020-10-24|EPI_ISL_627917|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5046/2020|2020-07-00|EPI_ISL_690157|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/GSTT-265D8E2/2020|2020-03-26|EPI_ISL_484032|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Japan/PG-0351/2020|2020-03-27|EPI_ISL_480023|Original|hCoV-19^^Kanto|Human|Ibaraki Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-BFBA0F/2020|2020-12-04|EPI_ISL_709232|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrain/04/2020|2020-06-23|EPI_ISL_486889|Original|hCoV-19^^Bahrain|Human|National Influenza Center|National Influenza Center|Altaif|Bahrain

>Spike|hCoV-19/USA/LA-BIE-003/2020|2020-04-06|EPI_ISL_468703|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Brazil/CE-L13-CD208/2020|2020-03-16|EPI_ISL_476228|Original|hCoV-19^^Cear\u00e1|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/TX-HMH-6895/2020|2020-06-25|EPI_ISL_546329|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-9E5123/2020|2020-09-24|EPI_ISL_601027|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C860/2020|2020-04-01|EPI_ISL_445919|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49004D/2020|2020-10-27|EPI_ISL_705459|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-96BAA2/2020|2020-08-14|EPI_ISL_531243|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1415/2020|2020-06-28|EPI_ISL_678092|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Wales/PHWC-15E7FE/2020|2020-05-14|EPI_ISL_472833|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-2A5830/2020|2020-09-28|EPI_ISL_584700|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/20139001704/2020|2020-03-27|EPI_ISL_423334|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-C6D78/2020|2020-05-15|EPI_ISL_462028|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-170023/2020|2020-06-23|EPI_ISL_486535|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/AL-UW-MAYO12/2020|2020-04-16|EPI_ISL_500522|Original|hCoV-19^^Alabama|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-A9B61D/2020|2020-10-20|EPI_ISL_611365|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1493/2020|2020-12-21|EPI_ISL_754102|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-A6B115/2020|2020-10-09|EPI_ISL_608800|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2004220709/2020|2020-04-22|EPI_ISL_710153|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/CT-Yale-039/2020|2020-03-17|EPI_ISL_419527|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/QEUEH-B2B5C9/2020|2020-11-02|EPI_ISL_646690|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F81F/2020|2020-10-15|EPI_ISL_612730|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAEED3/2020|2020-10-22|EPI_ISL_624043|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2952/2020|2020-00-00|EPI_ISL_579372|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUEH-B9F029/2020|2020-11-18|EPI_ISL_719827|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/19/2020|2020-03-02|EPI_ISL_417817|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/LIVE-DB3EE7/2020|2020-10-20|EPI_ISL_650324|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A9480F/2020|2020-10-19|EPI_ISL_611038|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0469/2020|2020-04-21|EPI_ISL_626417|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/QEUEH-A8B892/2020|2020-10-16|EPI_ISL_643065|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9DFA9A/2020|2020-09-21|EPI_ISL_638439|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1096AA/2020|2020-10-22|EPI_ISL_680215|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4210/2020|2020-09-14|EPI_ISL_622103|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-03341/2020|2020-04-22|EPI_ISL_498646|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Australia/VIC10525/2020|2020-08-27|EPI_ISL_562946|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4918DB/2020|2020-11-07|EPI_ISL_706707|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CBB52/2020|2020-09-16|EPI_ISL_575519|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A616F2/2020|2020-10-13|EPI_ISL_628628|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-817/2020|2020-03-23|EPI_ISL_571508|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Belgium/ULG-10627/2020|2020-10-27|EPI_ISL_636606|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMB-1B1586/2020|2020-05-06|EPI_ISL_458566|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0291/2020|2020-10-14|EPI_ISL_629071|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/QEUEH-B9FD22/2020|2020-11-18|EPI_ISL_721139|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1829/2020|2020-04-08|EPI_ISL_613731|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUEH-A003C1/2020|2020-10-02|EPI_ISL_600470|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B36983/2020|2020-11-05|EPI_ISL_645247|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B4611F/2020|2020-11-07|EPI_ISL_656106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA65C/2020|2020-09-24|EPI_ISL_580025|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C60C2C/2020|2020-12-13|EPI_ISL_769461|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1429/2020|2020-12-14|EPI_ISL_779095|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/India/DL-NCDC-01638/2020|2020-03-17|EPI_ISL_435109|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Denmark/DCGC-2710/2020|2020-08-17|EPI_ISL_616443|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B329D2/2020|2020-11-05|EPI_ISL_659680|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6042/2020|2020-07-00|EPI_ISL_689154|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47DAEE/2020|2020-10-10|EPI_ISL_586238|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13211/2020|2020-08-25|EPI_ISL_788362|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9D00E2/2020|2020-09-15|EPI_ISL_589951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EE581/2020|2020-00-00|EPI_ISL_529241|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7249/2020|2020-11-00|EPI_ISL_740638|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/MILK-B94ABD/2020|2020-11-13|EPI_ISL_676021|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0330/2020|2020-10-14|EPI_ISL_648275|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/PORT-2D4003/2020|2020-00-00|EPI_ISL_507159|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036822680/2020|2020-11-06|EPI_ISL_728420|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-10341/2020|2020-04-06|EPI_ISL_636564|Original|hCoV-19^^NoordHolland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-1095AD/2020|2020-10-13|EPI_ISL_650543|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Switzerland/SG-ETHZ-390384/2020|2020-12-01|EPI_ISL_721851|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUIH-961DB2/2020|2020-07-31|EPI_ISL_537132|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-213/2020|2020-06-14|EPI_ISL_483647|Original|hCoV-19^^Sylhet|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Luxembourg/LNS1724590/2020|2020-11-14|EPI_ISL_739982|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NORW-F1309/2020|2020-00-00|EPI_ISL_595224|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D9E7/2020|2020-09-21|EPI_ISL_577477|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C2CFC9/2020|2020-12-08|EPI_ISL_733610|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG281576/2020|2020-04-30|EPI_ISL_694224|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Belgium/ULG-6839/2020|2020-03-14|EPI_ISL_447120|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Australia/VIC7696/2020|2020-08-03|EPI_ISL_564585|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/HDF-8242/2020|2020-03-19|EPI_ISL_560594|Original|hCoV-19^^Hauts-de-France|Human|hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Finland/10A17S14/2020|2020-04-10|EPI_ISL_481518|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUIH-A3678A/2020|2020-10-05|EPI_ISL_705466|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/R13278-20/2020|2020-06-29|EPI_ISL_622938|Original|hCoV-19^^KwaZulu-Natal|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/20144067704/2020|2020-03-28|EPI_ISL_466006|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-UW-5781/2020|2020-04-06|EPI_ISL_461442|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-72E87/2020|2020-03-21|EPI_ISL_440061|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-153-8040/2020|2020-03-12|EPI_ISL_574794|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/England/ALDP-A6C7B8/2020|2020-10-14|EPI_ISL_607205|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB251/2020|2020-11-18|EPI_ISL_681378|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664219/2020|2020-04-28|EPI_ISL_696028|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-9B3B8A/2020|2020-09-08|EPI_ISL_573535|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NOTT-1110A1/2020|2020-05-09|EPI_ISL_453625|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4864E4/2020|2020-10-27|EPI_ISL_639051|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-95FBAE/2020|2020-08-07|EPI_ISL_531876|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-991AFE/2020|2020-08-26|EPI_ISL_577021|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-B943B2/2020|2020-11-14|EPI_ISL_676292|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21398/2020|2020-03-24|EPI_ISL_507652|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-9FABF0/2020|2020-09-28|EPI_ISL_588154|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036756404/2020|2020-11-03|EPI_ISL_682175|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-DSHS-1033/2020|2020-06-15|EPI_ISL_628744|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-4A3672/2020|2020-12-15|EPI_ISL_744122|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Oman/205038906/2020|2020-05-26|EPI_ISL_492001|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of Microbiology and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/Denmark/DCGC-3192/2020|2020-08-31|EPI_ISL_616015|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-AD4AB2/2020|2020-10-27|EPI_ISL_644048|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-88B287/2020|2020-07-27|EPI_ISL_532694|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAFC32/2020|2020-10-22|EPI_ISL_623333|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B250BF/2020|2020-11-04|EPI_ISL_646741|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH20/2020|2020-03-10|EPI_ISL_429278|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/ALDP-A6FCC5/2020|2020-10-14|EPI_ISL_607158|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010041/2020|2020-03-12|EPI_ISL_779723|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9dnico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-AA4286/2020|2020-10-22|EPI_ISL_624497|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9707/2020|2020-08-20|EPI_ISL_565664|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-QDX-1958/2020|2020-03-16|EPI_ISL_604213|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-A22BD0/2020|2020-10-03|EPI_ISL_611945|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-BC012C/2020|2020-11-22|EPI_ISL_705025|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48DFA0/2020|2020-11-09|EPI_ISL_680787|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG381597/2020|2020-06-15|EPI_ISL_694667|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/MN-MDH-1797/2020|2020-04-14|EPI_ISL_590799|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUA-A4D01C/2020|2020-10-05|EPI_ISL_596081|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/AZ-TG274800/2020|2020-04-08|EPI_ISL_694082|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/France/ARA-12915/2020|2020-03-23|EPI_ISL_420618|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Wales/PHWC-47D635/2020|2020-09-23|EPI_ISL_586170|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1819970/2020|2020-11-15|EPI_ISL_739997|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/NY-Wadsworth-204636-01/2020|2020-08-26|EPI_ISL_677088|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-B886B8/2020|2020-11-14|EPI_ISL_674238|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A8A73/2020|2020-04-02|EPI_ISL_539045|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CC99/2020|2020-11-02|EPI_ISL_664374|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0312/2020|2020-06-02|EPI_ISL_489721|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-9FA13A/2020|2020-09-27|EPI_ISL_595789|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-7C8CB/2020|2020-04-05|EPI_ISL_442076|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-A5DF85/2020|2020-10-12|EPI_ISL_597360|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_02169597/2020|2020-04-00|EPI_ISL_466718|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/LIVE-DBB571/2020|2020-11-13|EPI_ISL_664671|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-94671F/2020|2020-07-16|EPI_ISL_556916|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP382/2020|2020-03-21|EPI_ISL_492147|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/QEUA-963BF2/2020|2020-08-12|EPI_ISL_531562|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14853/2020|2020-11-23|EPI_ISL_712028|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F917974/2020|2020-03-26|EPI_ISL_576166|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/QEUA-C9332B/2020|2020-12-17|EPI_ISL_762003|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6633/2020|2020-10-12|EPI_ISL_619535|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-2793/2020|2020-06-08|EPI_ISL_545558|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/GA-CDC-5113/2020|2020-06-29|EPI_ISL_566097|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-A91644/2020|2020-10-16|EPI_ISL_705972|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49EDEC/2020|2020-12-01|EPI_ISL_743125|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7C2A5/2020|2020-10-15|EPI_ISL_606342|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002755/2020|2020-08-12|EPI_ISL_529751|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-A7A15F/2020|2020-10-15|EPI_ISL_709941|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/990059252/2020|2020-03-25|EPI_ISL_447268|Original|hCoV-19^^South Coast District|Human|Microbiology laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/LIVE-9ED2E/2020|2020-04-04|EPI_ISL_453388|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/QEUA-A625A9/2020|2020-10-12|EPI_ISL_706971|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-400296/2020|2020-12-07|EPI_ISL_729062|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-3258/2020|2020-04-29|EPI_ISL_700463|Original|hCoV-19^^Western Cape|Human|Hanover Park CHC wc HPH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/MILK-9F14FE/2020|2020-09-24|EPI_ISL_589718|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MH-NVRL-MPF36363/2020|2020-04-08|EPI_ISL_767817|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Hungary/US-57508w/2020|2020-10-02|EPI_ISL_677783|Original|hCoV-19^^B\u00e9cs-Kiskun county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/MA-MGH-00552/2020|2020-03-20|EPI_ISL_460456|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Japan/IC-0243/2020|2020-10-00|EPI_ISL_667672|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C99EA/2020|2020-09-15|EPI_ISL_559926|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-5A1B1A/2020|2020-06-14|EPI_ISL_558695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B35FE/2020|2020-04-07|EPI_ISL_534873|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9F0802/2020|2020-09-25|EPI_ISL_580786|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BA2F44/2020|2020-11-18|EPI_ISL_672821|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A8A03/2020|2020-09-01|EPI_ISL_549438|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-00171/2020|2020-03-00|EPI_ISL_548764|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/20146002104/2020|2020-04-01|EPI_ISL_466013|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547294/2020|2020-07-06|EPI_ISL_695468|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Jordan/AM-ALSR-4062/2020|2020-10-03|EPI_ISL_636422|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Australia/VIC4640/2020|2020-07-12|EPI_ISL_519031|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A2CB1/2020|2020-05-19|EPI_ISL_499831|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2655/2020|2020-12-15|EPI_ISL_743921|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S31/2020|2020-03-02|EPI_ISL_417084|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Israel/n14284/2020|2020-03-29|EPI_ISL_483701|Original|hCoV-19^^Kfar Saba|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/NORT-294F4E/2020|2020-03-29|EPI_ISL_488593|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B675C1/2020|2020-11-11|EPI_ISL_662367|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-890/2020|2020-05-18|EPI_ISL_614454|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11616/2020|2020-11-02|EPI_ISL_671026|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/IGC4000/2020|2020-05-31|EPI_ISL_491219|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/Luxembourg/LNS9146043/2020|2020-10-28|EPI_ISL_744860|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-6438C7/2020|2020-07-04|EPI_ISL_556112|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AACBFC/2020|2020-10-21|EPI_ISL_652906|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-72EA5/2020|2020-03-23|EPI_ISL_440074|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/un-EMC-736/2020|2020-06-07|EPI_ISL_523491|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A93B9E/2020|2020-10-19|EPI_ISL_610965|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D70E/2020|2020-10-06|EPI_ISL_586806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20253/2020|2020-11-30|EPI_ISL_748076|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C1E26/2020|2020-09-10|EPI_ISL_566653|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW605/2020|2020-06-19|EPI_ISL_478717|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Concord Repatriation General Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-2398/2020|2020-04-00|EPI_ISL_686003|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/ARA-115781/2020|2020-12-04|EPI_ISL_745319|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-6404/2020|2020-10-12|EPI_ISL_620304|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Hong Kong/HKU-200723-054/2020|2020-03-30|EPI_ISL_497821|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/USA/TX-HMH-4773/2020|2020-06-22|EPI_ISL_544320|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-274/2020|2020-03-31|EPI_ISL_436568|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/LA-BIE-043/2020|2020-04-06|EPI_ISL_463291|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Northern Ireland/NIRE-102313/2020|2020-03-23|EPI_ISL_441402|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Turkey/HSGM-1014/2020|2020-03-25|EPI_ISL_437331|Vero Pl|hCoV-19^^Ankara|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Scotland/QEUH-9F670F/2020|2020-09-27|EPI_ISL_600726|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6156/2020|2020-10-05|EPI_ISL_620059|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/HI-H200015/2020|2020-04-16|EPI_ISL_752611|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21111/2020|2020-03-25|EPI_ISL_507887|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-2678/2020|2020-08-17|EPI_ISL_617899|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-99009649/2020|2020-10-27|EPI_ISL_654383|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-19514/2020|2020-11-17|EPI_ISL_783893|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-99761/2020|2020-04-10|EPI_ISL_439756|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-7901/2020|2020-07-00|EPI_ISL_687002|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-1265AA/2020|2020-04-10|EPI_ISL_459069|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13764/2020|2020-11-30|EPI_ISL_713008|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49841C/2020|2020-12-01|EPI_ISL_727072|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF46F/2020|2020-09-21|EPI_ISL_637903|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-B8C344/2020|2020-11-13|EPI_ISL_674219|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9983FC/2020|2020-08-04|EPI_ISL_539933|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B21183/2020|2020-11-02|EPI_ISL_647627|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1251/2020|2020-05-30|EPI_ISL_644192|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-ALSR-0813-SAN/2020|2020-03-31|EPI_ISL_483376|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Suriname/SR-66/2020|2020-07-18|EPI_ISL_518815|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/Scotland/CVR2717/2020|2020-04-17|EPI_ISL_473538|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV127/2020|2020-12-14|EPI_ISL_733497|Original|hCoV-19^^Zurich|Human|University Hospital Z\u00f0fcrich|Institute of Medical Virology|Huber|Switzerland

>Spike|hCoV-19/USA/FL-BPHL-0935/2020|2020-07-16|EPI_ISL_517825|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-CC2341/2020|2020-12-21|EPI_ISL_760525|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5856/2020|2020-07-18|EPI_ISL_518649|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1AED39/2020|2020-05-07|EPI_ISL_448077|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2572/2020|2020-06-26|EPI_ISL_514975|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/UT-UPHL-2012392041/2020|2020-08-05|EPI_ISL_746047|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/OCC-84/2020|2020-09-30|EPI_ISL_603220|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|Latour|France

>Spike|hCoV-19/Wales/PHWC-486675/2020|2020-10-16|EPI_ISL_639065|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08555/2020|2020-05-18|EPI_ISL_524314|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Germany/NW-HHU-38/2020|2020-03-16|EPI_ISL_425122|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Scotland/QEUH-999267/2020|2020-08-24|EPI_ISL_568367|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/448/2020|2020-04-15|EPI_ISL_475979|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-10298/2020|2020-11-02|EPI_ISL_669883|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-27AE7/2020|2020-03-30|EPI_ISL_431995|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B7E460/2020|2020-11-14|EPI_ISL_668235|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B48809/2020|2020-11-07|EPI_ISL_649313|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0542/2020|2020-04-07|EPI_ISL_569583|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/NY-Wadsworth-278034-01/2020|2020-11-22|EPI_ISL_754602|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Germany/HH-hpi-p1675/2020|2020-03-18|EPI_ISL_776091|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-B63C0C/2020|2020-11-08|EPI_ISL_655434|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4855A6/2020|2020-10-21|EPI_ISL_628195|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A47030/2020|2020-10-06|EPI_ISL_598371|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1393/2020|2020-04-00|EPI_ISL_685000|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-286361/2020|2020-10-09|EPI_ISL_638561|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B6264B/2020|2020-11-08|EPI_ISL_656381|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42216366/2020|2020-04-01|EPI_ISL_581814|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Egypt/CUNCI-HGC4I030/2020|2020-06-02|EPI_ISL_479703|Original|hCoV-19^^Egypt|Human|Egyptian National Cancer Institute (ENCI)|Egyptian National Cancer Institute (ENCI)|Zekri|Egypt

>Spike|hCoV-19/England/CAMC-B79C12/2020|2020-11-12|EPI_ISL_741040|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20697/2020|2020-04-27|EPI_ISL_471721|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-4866/2020|2020-06-22|EPI_ISL_544388|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-QDX-1960/2020|2020-03-15|EPI_ISL_604227|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21116/2020|2020-03-23|EPI_ISL_507892|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-9E59C1/2020|2020-09-24|EPI_ISL_589522|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2038/2020|2020-06-05|EPI_ISL_497466|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-2164/2020|2020-08-10|EPI_ISL_617463|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-28454F/2020|2020-03-21|EPI_ISL_488714|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-AD34D3/2020|2020-10-26|EPI_ISL_634749|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1335/2020|2020-03-18|EPI_ISL_511294|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-BD46DB/2020|2020-11-27|EPI_ISL_702150|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D880/2020|2020-09-24|EPI_ISL_577456|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC3032/2020|2020-07-01|EPI_ISL_520746|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-14873/2020|2020-11-23|EPI_ISL_711211|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/VC-FISABIO-230/2020|2020-03-26|EPI_ISL_436325|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Clínico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Japan/PG-0832/2020|2020-04-00|EPI_ISL_684442|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC5497/2020|2020-07-21|EPI_ISL_520243|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB6081/2020|2020-05-11|EPI_ISL_478207|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-400046/2020|2020-12-04|EPI_ISL_729105|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-9CB8F1/2020|2020-09-16|EPI_ISL_575507|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-133C78/2020|2020-08-20|EPI_ISL_529485|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15412/2020|2020-10-21|EPI_ISL_786896|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01764/2020|2020-07-00|EPI_ISL_636917|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/CA-CZB-15456/2020|2020-12-04|EPI_ISL_739314|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Canada/BC_07850299/2020|2020-04-00|EPI_ISL_466823|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/OXON-AEBF4/2020|2020-00-00|EPI_ISL_448769|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/PORT-2D0DF1/2020|2020-03-30|EPI_ISL_475288|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/EDB6731/2020|2020-04-12|EPI_ISL_491526|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5256/2020|2020-06-19|EPI_ISL_544630|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9951B9/2020|2020-08-24|EPI_ISL_552339|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001257/2020|2020-11-06|EPI_ISL_683951|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Netherlands/LI-EMC-102/2020|2020-10-30|EPI_ISL_722572|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-A61F33/2020|2020-10-12|EPI_ISL_706945|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A34D2/2020|2020-12-15|EPI_ISL_744103|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-295B0D/2020|2020-04-03|EPI_ISL_478651|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Netherlands/NA_619/2020|2020-03-24|EPI_ISL_460782|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC6885/2020|2020-07-12|EPI_ISL_562704|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR4012/2020|2020-08-29|EPI_ISL_535111|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR318/2020|2020-03-21|EPI_ISL_439048|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB5511/2020|2020-04-20|EPI_ISL_487799|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2984/2020|2020-07-22|EPI_ISL_549109|Original|hCoV-19^^Oslo|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/LIVE-DB7B55/2020|2020-11-01|EPI_ISL_650269|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20131103204/2020|2020-03-23|EPI_ISL_423692|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/MH-NIV-223126/2020|2020-09-23|EPI_ISL_577658|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/CT-Yale-072/2020|2020-03-30|EPI_ISL_428400|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Germany/BB-ChVir-W2128-8294/2020|2020-10-09|EPI_ISL_753859|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/CAMC-B337E6/2020|2020-11-05|EPI_ISL_659117|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7129/2020|2020-10-12|EPI_ISL_619157|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LEED-2A9BE8/2020|2020-04-12|EPI_ISL_538874|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-112C06/2020|2020-04-30|EPI_ISL_493599|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5523/2020|2020-09-21|EPI_ISL_620848|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S2107/2020|2020-06-07|EPI_ISL_497535|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Germany/HH-hpi-p1555/2020|2020-03-15|EPI_ISL_776039|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-11479/2020|2020-11-02|EPI_ISL_670944|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-283/2020|2020-03-30|EPI_ISL_450754|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/LOND-12504A6/2020|2020-10-20|EPI_ISL_665212|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036767679/2020|2020-11-03|EPI_ISL_682209|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-DSHS-0551/2020|2020-05-14|EPI_ISL_574455|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/NOTT-11232F/2020|2020-05-01|EPI_ISL_484371|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-9E319E/2020|2020-09-21|EPI_ISL_581156|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480FDA/2020|2020-10-13|EPI_ISL_613024|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/BRE-2344/2020|2020-03-06|EPI_ISL_416509|Original|hCoV-19^^Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-A927C8/2020|2020-10-19|EPI_ISL_611228|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28ABDE/2020|2020-04-15|EPI_ISL_457310|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-9AE1DB/2020|2020-09-04|EPI_ISL_638629|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2026/2020|2020-06-29|EPI_ISL_618156|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC375/2020|2020-03-22|EPI_ISL_426682|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-A91B81/2020|2020-10-19|EPI_ISL_706012|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-95C38B/2020|2020-06-20|EPI_ISL_554920|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16034/2020|2020-10-15|EPI_ISL_785718|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-01921/2020|2020-04-13|EPI_ISL_576363|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-963D29/2020|2020-08-11|EPI_ISL_531487|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C4FDF3/2020|2020-12-11|EPI_ISL_769591|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8D46E/2020|2020-11-13|EPI_ISL_674080|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-248FF/2020|2020-03-19|EPI_ISL_419455|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12953E/2020|2020-04-15|EPI_ISL_458749|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regA-03031158/2020|2020-03-03|EPI_ISL_738199|Original|hCoV-19^^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/UT-UPHL-2009334/2020|2020-05-17|EPI_ISL_524934|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC8382/2020|2020-08-12|EPI_ISL_564974|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-12728/2020|2020-06-29|EPI_ISL_570894|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-A33732/2020|2020-10-05|EPI_ISL_628407|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-B7F71B/2020|2020-11-14|EPI_ISL_674585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA87B/2020|2020-11-20|EPI_ISL_701886|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA63E/2020|2020-09-24|EPI_ISL_580235|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8EB0E/2020|2020-11-13|EPI_ISL_674538|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0766/2020|2020-03-00|EPI_ISL_684376|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B32E4C/2020|2020-11-05|EPI_ISL_659128|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Oman/RESP-20-6701/2020|2020-03-28|EPI_ISL_457998|Original|hCoV-19^^South Batinah|Human|Oman-NIC|Oman-NIC|Al Mahruqi|Oman

>Spike|hCoV-19/England/ALDP-B73FE2/2020|2020-11-12|EPI_ISL_662031|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22647/2020|2020-11-02|EPI_ISL_647403|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8F4D/2020|2020-04-24|EPI_ISL_453566|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-286/2020|2020-09-30|EPI_ISL_631330|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/CA-ALSR-1003-SAN/2020|2020-04-19|EPI_ISL_483457|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/SHEF-C38F2/2020|2020-11-30|EPI_ISL_705220|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D1085-1/2020|2020-04-02|EPI_ISL_527436|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/ALDP-9E9EBF/2020|2020-09-24|EPI_ISL_580168|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE2037/2020|2020-10-24|EPI_ISL_633439|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2153/2020|2020-08-14|EPI_ISL_653306|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-260098/2020|2020-08-24|EPI_ISL_539418|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-2012250398/2020|2020-08-03|EPI_ISL_745765|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-AAE3E3/2020|2020-10-20|EPI_ISL_741774|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9746/2020|2020-11-09|EPI_ISL_669143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16109/2020|2020-11-16|EPI_ISL_714588|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9B9CEB/2020|2020-09-07|EPI_ISL_549560|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9535/2020|2020-04-10|EPI_ISL_672093|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-9C4649/2020|2020-09-09|EPI_ISL_566976|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5358/2020|2020-07-18|EPI_ISL_520121|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A5133A/2020|2020-10-08|EPI_ISL_597961|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2948/2020|2020-07-07|EPI_ISL_521778|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-106731/2020|2020-05-14|EPI_ISL_501007|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10917/2020|2020-11-24|EPI_ISL_678458|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-9508/2020|2020-11-09|EPI_ISL_669010|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-12363/2020|2020-10-12|EPI_ISL_648433|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/EXET-13F438/2020|2020-12-17|EPI_ISL_764215|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14962/2020|2020-10-15|EPI_ISL_786446|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1153/2020|2020-08-18|EPI_ISL_526639|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Spain/VC-IBV-98003600/2020|2020-03-15|EPI_ISL_538617|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-1693/2020|2020-04-00|EPI_ISL_685299|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-UCLA-155/2020|2020-03-30|EPI_ISL_537494|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Wales/ALDP-B487C0/2020|2020-11-07|EPI_ISL_710898|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B8097B/2020|2020-11-14|EPI_ISL_674736|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9561167/2020|2020-11-05|EPI_ISL_744938|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-AF575A/2020|2020-10-30|EPI_ISL_663163|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10812/2020|2020-11-02|EPI_ISL_670222|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-12184/2020|2020-11-16|EPI_ISL_682365|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC13318/2020|2020-07-29|EPI_ISL_563669|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW1197/2020|2020-10-17|EPI_ISL_667797|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-9B539F/2020|2020-09-03|EPI_ISL_590297|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC375/2020|2020-04-10|EPI_ISL_430402|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/QEUA-555BF7/2020|2020-05-11|EPI_ISL_532181|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9AE575/2020|2020-09-04|EPI_ISL_665285|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-551/2020|2020-03-26|EPI_ISL_447493|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-A7BA44/2020|2020-10-15|EPI_ISL_607456|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4912/2020|2020-10-06|EPI_ISL_594678|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Taiwan/TSGH-16/2020|2020-03-19|EPI_ISL_436101|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/Switzerland/BL-UHB-42189451/2020|2020-03-13|EPI_ISL_528045|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Luxembourg/LNS8726389/2020|2020-03-23|EPI_ISL_429776|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-2081/2020|2020-05-09|EPI_ISL_545110|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AE777/2020|2020-04-29|EPI_ISL_524573|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1090/2020|2020-11-30|EPI_ISL_768360|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-AA5531/2020|2020-10-21|EPI_ISL_625125|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/BO-CV327/2020|2020-04-24|EPI_ISL_729996|Original|hCoV-19^^Borno State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/QEUEH-A4AFF4/2020|2020-10-07|EPI_ISL_741761|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1632/2020|2020-06-23|EPI_ISL_710089|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/QEUEH-AD1C91/2020|2020-10-26|EPI_ISL_644043|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-103691/2020|2020-04-17|EPI_ISL_489369|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00680/2020|2020-04-08|EPI_ISL_692965|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/QEUEH-9F762F/2020|2020-09-25|EPI_ISL_589203|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-48/2020|2020-04-29|EPI_ISL_523432|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-3780/2020|2020-04-00|EPI_ISL_692032|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-576/2020|2020-06-19|EPI_ISL_484951|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-1756/2020|2020-04-00|EPI_ISL_685362|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-0289/2020|2020-05-15|EPI_ISL_480940|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-AD4487/2020|2020-10-26|EPI_ISL_634630|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42209603/2020|2020-03-27|EPI_ISL_581799|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUEH-AD2A4B/2020|2020-10-26|EPI_ISL_629841|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A50A90/2020|2020-10-07|EPI_ISL_597795|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-95E723/2020|2020-08-09|EPI_ISL_532327|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/CHRF-0031/2020|2020-06-16|EPI_ISL_477140|Original|hCoV-19^^Bangladesh|Human|Child Health Research Foundation|Child Health Research Foundation|Saha|Bangladesh

>Spike|hCoV-19/USA/MI-MDHHS-SC22504/2020|2020-11-16|EPI_ISL_708207|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15520/2020|2020-10-24|EPI_ISL_787004|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR5576/2020|2020-10-29|EPI_ISL_651848|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12634/2020|2020-08-31|EPI_ISL_789831|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/BCN-ALSR-1477/2020|2020-04-28|EPI_ISL_496346|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/MI-UM-10036762637/2020|2020-11-03|EPI_ISL_682223|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUEH-B7CF34/2020|2020-11-14|EPI_ISL_674590|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13483/2020|2020-11-30|EPI_ISL_712238|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2363/2020|2020-05-00|EPI_ISL_685968|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-QDX-1435/2020|2020-03-18|EPI_ISL_572087|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/France/PAC-IHU-0733/2020|2020-04-22|EPI_ISL_568952|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Canada/ON-S1905/2020|2020-11-24|EPI_ISL_729321|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/UT-UPHL-2009316/2020|2020-06-22|EPI_ISL_524921|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-A413B5/2020|2020-10-05|EPI_ISL_609534|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE439/2020|2020-09-10|EPI_ISL_567962|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/CO-NVRL-75IRL84314/2020|2020-10-13|EPI_ISL_671881|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-DSHS-0102/2020|2020-05-28|EPI_ISL_522385|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-9B9331/2020|2020-09-07|EPI_ISL_549628|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB8E99/2020|2020-11-20|EPI_ISL_703226|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1807/2020|2020-04-20|EPI_ISL_542855|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16481/2020|2020-11-16|EPI_ISL_714793|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3422/2020|2020-04-00|EPI_ISL_691534|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47FF47/2020|2020-10-06|EPI_ISL_612201|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22374/2020|2020-11-12|EPI_ISL_708354|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-A68682/2020|2020-10-12|EPI_ISL_630492|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-126C87/2020|2020-04-09|EPI_ISL_459056|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D793-8179/2020|2020-03-13|EPI_ISL_753920|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-5144/2020|2020-09-21|EPI_ISL_621682|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F918445/2020|2020-03-30|EPI_ISL_593965|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Brazil/SP-559/2020|2020-04-01|EPI_ISL_574591|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Domingos Leonardo Ceravolo Presidente Prudente|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/QEUA-A4CB3A/2020|2020-10-03|EPI_ISL_596022|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/RI-ISCI-201563/2020|2020-03-04|EPI_ISL_455338|Original|hCoV-19^^La Rioja|Human|Hospital San Pedro|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Australia/QLD1279/2020|2020-03-20|EPI_ISL_693280|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Netherlands/ZE-EMC-62/2020|2020-00-00|EPI_ISL_523561|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MASPHL-00271/2020|2020-04-17|EPI_ISL_791703|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Netherlands/UT-EMC-128/2020|2020-10-22|EPI_ISL_632326|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC21721/2020|2020-07-15|EPI_ISL_529840|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-9502/2020|2020-11-09|EPI_ISL_669005|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9FA2BF/2020|2020-09-25|EPI_ISL_595797|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/204581643/2020|2020-11-05|EPI_ISL_678703|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0149/2020|2020-03-11|EPI_ISL_480800|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-48FE0B/2020|2020-11-11|EPI_ISL_681233|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A35D7A/2020|2020-10-05|EPI_ISL_706892|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22378/2020|2020-12-14|EPI_ISL_757395|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/TAS265/2020|2020-04-09|EPI_ISL_522693|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-6E9A18/2020|2020-06-30|EPI_ISL_557615|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-410148/2020|2020-12-15|EPI_ISL_737845|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-02757/2020|2020-04-29|EPI_ISL_513644|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM99533378/2020|2020-12-17|EPI_ISL_753681|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Denmark/DCGC-19409/2020|2020-12-07|EPI_ISL_748307|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4051/2020|2020-07-00|EPI_ISL_692292|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/QEuh-95E9F0/2020|2020-08-09|EPI_ISL_532482|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8943/2020|2020-07-28|EPI_ISL_565297|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA1465/2020|2020-10-22|EPI_ISL_624064|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEuh-96B9B4/2020|2020-08-16|EPI_ISL_531337|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8949/2020|2020-10-26|EPI_ISL_626188|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6343/2020|2020-06-22|EPI_ISL_547404|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-1911/2020|2020-07-28|EPI_ISL_526067|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-4A92F0/2020|2020-06-09|EPI_ISL_559497|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10532/2020|2020-07-08|EPI_ISL_789523|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-08687/2020|2020-03-22|EPI_ISL_430856|Original|hCoV-19^^Norrbotten|Human|Laboratoriemedicin|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEuh-A1E1C6/2020|2020-10-01|EPI_ISL_587479|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_179/2020|2020-04-22|EPI_ISL_461351|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-53/2020|2020-03-18|EPI_ISL_421311|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-9A86B4/2020|2020-09-02|EPI_ISL_549989|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1286/2020|2020-03-22|EPI_ISL_483007|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/VA-DCLS-0442/2020|2020-05-04|EPI_ISL_477658|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-CZB-14601/2020|2020-10-29|EPI_ISL_739628|Original|hCoV-19^^California|Human|Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/India/UP-ACTREC-001/2020|2020-04-23|EPI_ISL_699658|Original|hCoV-19^^Uttar Pradesh|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Germany/HH-hpi-p1434/2020|2020-03-09|EPI_ISL_775954|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Canada/BC_02083468/2020|2020-04-00|EPI_ISL_466715|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/South Korea/KCDC2029/2020|2020-02-20|EPI_ISL_471445|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Germany/TH-IIMK-CaSe-30/2020|2020-12-00|EPI_ISL_768725|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/USA/TX-HMH-5618/2020|2020-06-23|EPI_ISL_544906|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-10819/2020|2020-11-02|EPI_ISL_669513|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BFF5FB/2020|2020-12-02|EPI_ISL_720747|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12168/2020|2020-07-27|EPI_ISL_563532|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MASPHL-00586/2020|2020-05-08|EPI_ISL_693020|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/India/KA-IB59/2020|2020-05-19|EPI_ISL_511949|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/BIRM-67A18/2020|2020-11-04|EPI_ISL_650250|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-4456/2020|2020-08-00|EPI_ISL_692679|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG280810/2020|2020-04-20|EPI_ISL_694161|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-DSHS-1868/2020|2020-06-24|EPI_ISL_745266|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20139003004/2020|2020-03-27|EPI_ISL_421848|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-3911/2020|2020-09-30|EPI_ISL_636277|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/LA-EVTL1103/2020|2020-12-03|EPI_ISL_768373|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/205041750/2020|2020-00-00|EPI_ISL_710522|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/BIRM-64F94/2020|2020-09-28|EPI_ISL_594536|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1828/2020|2020-04-24|EPI_ISL_486144|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/QEUA-A1E74C/2020|2020-09-29|EPI_ISL_587372|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3171/2020|2020-03-00|EPI_ISL_691291|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-EFEB2/2020|2020-10-04|EPI_ISL_584727|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4343/2020|2020-06-19|EPI_ISL_543546|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/BC-BCCDC-8397/2020|2020-11-00|EPI_ISL_740773|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/QEUA-B7F678/2020|2020-11-14|EPI_ISL_668144|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2594/2020|2020-04-00|EPI_ISL_690728|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/PV-IBV-000876/2020|2020-03-25|EPI_ISL_452681|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48F366/2020|2020-11-09|EPI_ISL_681080|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-99D62B/2020|2020-08-31|EPI_ISL_549867|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1853908/2020|2020-04-11|EPI_ISL_492344|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005039/2020|2020-04-19|EPI_ISL_510342|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-14521/2020|2020-10-09|EPI_ISL_787806|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH836/2020|2020-05-24|EPI_ISL_513009|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/UT-UPHL-2012682075/2020|2020-08-16|EPI_ISL_746270|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-17645/2020|2020-12-14|EPI_ISL_751120|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9F0AC/2020|2020-04-05|EPI_ISL_453426|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Taiwan/NTU36/2020|2020-11-27|EPI_ISL_738064|Vero cells|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/England/ALDP-BB9A94/2020|2020-11-20|EPI_ISL_702724|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4878F6/2020|2020-10-30|EPI_ISL_639252|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96C6CB/2020|2020-08-07|EPI_ISL_530929|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC8FA3/2020|2020-10-22|EPI_ISL_629546|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B491A3/2020|2020-11-07|EPI_ISL_649279|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-113651/2020|2020-11-28|EPI_ISL_745320|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Japan/PG-4916/2020|2020-07-00|EPI_ISL_690036|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC20629/2020|2020-04-17|EPI_ISL_462711|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/South Korea/KCDC2044/2020|2020-02-19|EPI_ISL_471450|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC15580/2020|2020-09-23|EPI_ISL_593369|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9C8593/2020|2020-09-11|EPI_ISL_567033|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-170C60/2020|2020-03-25|EPI_ISL_459608|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7496221/2020|2020-10-19|EPI_ISL_744579|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/RI-IBV-98002372/2020|2020-03-22|EPI_ISL_537868|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Brazil/SP-205/2020|2020-04-21|EPI_ISL_523988|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Sao Paulo de Ensino da Unifesp|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Wales/PHWC-495251/2020|2020-11-22|EPI_ISL_726317|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2447/2020|2020-03-14|EPI_ISL_604801|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Hungary/UD-90448/2020|2020-10-04|EPI_ISL_671468|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/CA-LACPHL-AF00055/2020|2020-12-19|EPI_ISL_754130|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/MILK-A6A1BC/2020|2020-10-08|EPI_ISL_608832|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2452/2020|2020-05-29|EPI_ISL_545318|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CDPHE-2004220712/2020|2020-04-22|EPI_ISL_710161|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/TX-DSHS-2059/2020|2020-12-04|EPI_ISL_766652|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC3173/2020|2020-07-07|EPI_ISL_520865|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9F4349/2020|2020-09-24|EPI_ISL_588652|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9A53ED/2020|2020-09-03|EPI_ISL_550244|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C52610/2020|2020-12-11|EPI_ISL_736403|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB5DC/2020|2020-09-16|EPI_ISL_575676|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-QDX-1638/2020|2020-03-18|EPI_ISL_603940|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/North Macedonia/2052/2020|2020-06-01|EPI_ISL_677675|Original|hCoV-19^^Veles|Human|General Hospital - Veles|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/England/MILK-B8EDCC/2020|2020-11-13|EPI_ISL_674676|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/HR-THSTI-BAL-914/2020|2020-04-16|EPI_ISL_454866|Original|hCoV-19^^Haryana|Human|Translational Health Science and Technology Institute -ESIC medical college and hospital|THSTI Bioassay laboratory|Medigeshi|India

>Spike|hCoV-19/Wales/PHWC-49FC0E/2020|2020-12-09|EPI_ISL_743333|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D37B6/2020|2020-03-31|EPI_ISL_440986|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AD53D4/2020|2020-10-24|EPI_ISL_649692|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A6646/2020|2020-03-19|EPI_ISL_499726|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-120047/2020|2020-04-20|EPI_ISL_468234|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-B96FAD/2020|2020-11-13|EPI_ISL_681670|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4843BC/2020|2020-10-23|EPI_ISL_627998|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B99C/2020|2020-12-10|EPI_ISL_731114|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC892D/2020|2020-10-21|EPI_ISL_629748|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3850/2020|2020-04-30|EPI_ISL_439339|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8384/2020|2020-11-00|EPI_ISL_740766|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Netherlands/NB-RIVM-20573/2020|2020-12-11|EPI_ISL_790657|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-13687/2020|2020-08-20|EPI_ISL_788784|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-ABC27C/2020|2020-10-21|EPI_ISL_630995|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LAM-INS-034/2020|2020-04-01|EPI_ISL_491459|Original|hCoV-19^^Lambayeque|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/Portugal/PT1582/2020|2020-07-01|EPI_ISL_693530|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-MCoV-13633/2020|2020-08-20|EPI_ISL_788739|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K003996/2020|2020-09-28|EPI_ISL_634984|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-MCoV-14670/2020|2020-10-10|EPI_ISL_787955|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-67C7C/2020|2020-11-06|EPI_ISL_650245|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Scotland/CVR215/2020|2020-03-18|EPI_ISL_425743|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Belgium/regal-12141380/2020|2020-12-14|EPI_ISL_738432|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/BRIS-127FC9/2020|2020-04-18|EPI_ISL_469730|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-92/2020|2020-09-10|EPI_ISL_632496|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC103/2020|2020-03-17|EPI_ISL_419814|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUH-A62521/2020|2020-10-12|EPI_ISL_741767|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002257/2020|2020-07-19|EPI_ISL_515642|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Israel/CVL-n-11594/2020|2020-04-25|EPI_ISL_475017|Original|hCoV-19^^Tirat Zvi|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Wales/ALDP-B1B68D/2020|2020-11-01|EPI_ISL_710965|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0066/2020|2020-04-06|EPI_ISL_515347|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/South Africa/KRISP-K002572/2020|2020-07-30|EPI_ISL_535438|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-A79B70/2020|2020-10-15|EPI_ISL_606803|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21898/2020|2020-03-28|EPI_ISL_565959|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/France/PAC-IHU-1191/2020|2020-08-17|EPI_ISL_569080|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUH-C32E69/2020|2020-12-11|EPI_ISL_733990|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B14174/2020|2020-11-03|EPI_ISL_641632|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9522C4/2020|2020-06-09|EPI_ISL_551329|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-BC428F/2020|2020-11-24|EPI_ISL_703514|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6532/2020|2020-07-22|EPI_ISL_521302|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-96C458/2020|2020-08-13|EPI_ISL_530845|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46699/2020|2020-10-05|EPI_ISL_598672|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B72C52/2020|2020-12-08|EPI_ISL_724920|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Portugal/PT0830/2020|2020-03-21|EPI_ISL_511089|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-MCoV-9681/2020|2020-07-04|EPI_ISL_780221|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B734C5/2020|2020-11-12|EPI_ISL_662518|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9514FC/2020|2020-06-13|EPI_ISL_554384|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16202/2020|2020-10-29|EPI_ISL_785886|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BAC2D8/2020|2020-11-18|EPI_ISL_783091|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48EEA2/2020|2020-11-12|EPI_ISL_681017|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/HDF-1645/2020|2020-02-28|EPI_ISL_418220|Original|hCoV-19^^Hauts-de-France|Human|Centre Hospitalier Compi\ue8gne Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-95610F/2020|2020-06-08|EPI_ISL_553872|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R10517/2020|2020-06-09|EPI_ISL_490282|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Jordan/AM-ALSR-4045/2020|2020-10-03|EPI_ISL_636405|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/SHEF-C3F1B/2020|2020-05-07|EPI_ISL_475375|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47DC60/2020|2020-10-12|EPI_ISL_595345|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL389/2020|2020-06-04|EPI_ISL_578795|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Peru/AMZ-UPCH-0266/2020|2020-08-26|EPI_ISL_729912|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\uf3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Scotland/EDB2663/2020|2020-04-26|EPI_ISL_439255|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13214/2020|2020-11-30|EPI_ISL_712657|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-WSLH-200072/2020|2020-04-04|EPI_ISL_471237|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Denmark/DCGC-18901/2020|2020-12-07|EPI_ISL_748628|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-46995/2020|2020-12-14|EPI_ISL_756303|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-250091/2020|2020-08-19|EPI_ISL_535609|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Bangladesh/DNAS-CPH-isl-441/2020|2020-04-29|EPI_ISL_605882|Original|hCoV-19^^Bangladesh|Human|NGS Lab|NGS Lab|Rabbi|Bangladesh

>Spike|hCoV-19/Portugal/PT0577/2020|2020-03-24|EPI_ISL_454300|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMB-7EC36/2020|2020-04-07|EPI_ISL_443050|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NJ-QDX-1974/2020|2020-03-15|EPI_ISL_604234|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Canada/Qc-L00241168/2020|2020-03-27|EPI_ISL_450311|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-4584/2020|2020-09-14|EPI_ISL_622253|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B8054A/2020|2020-11-14|EPI_ISL_661949|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB0158/2020|2020-04-08|EPI_ISL_429044|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-495312/2020|2020-11-21|EPI_ISL_726328|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/DRC/10644/2020|2020-05-22|EPI_ISL_527549|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/ALDP-9CB527/2020|2020-09-16|EPI_ISL_575514|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACFB7B/2020|2020-10-22|EPI_ISL_652125|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009556/2020|2020-07-18|EPI_ISL_605235|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B684E1/2020|2020-11-11|EPI_ISL_655064|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17071/2020|2020-08-09|EPI_ISL_663717|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR3525/2020|2020-05-14|EPI_ISL_473663|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORW-E81FC/2020|2020-04-08|EPI_ISL_449123|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9EFE1/2020|2020-11-18|EPI_ISL_719897|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0B9E2/2020|2020-10-03|EPI_ISL_599178|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH887/2020|2020-05-24|EPI_ISL_513036|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/DRC/2496/2020|2020-04-15|EPI_ISL_437337|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Muyembe|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-ABBA93/2020|2020-10-22|EPI_ISL_623252|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9B28C/2020|2020-03-26|EPI_ISL_449426|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003483/2020|2020-04-08|EPI_ISL_539279|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-11477/2020|2020-11-02|EPI_ISL_670942|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-165CE6/2020|2020-05-14|EPI_ISL_490792|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10786/2020|2020-11-16|EPI_ISL_661205|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-A416AD/2020|2020-10-05|EPI_ISL_609518|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A25D0/2020|2020-12-15|EPI_ISL_743913|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-95E495/2020|2020-08-10|EPI_ISL_534413|Original|hCoV-19^^Scotland|Human|NHS GGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1264DB3/2020|2020-11-23|EPI_ISL_724567|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2398/2020|2020-05-19|EPI_ISL_513827|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/HI-H200582/2020|2020-10-29|EPI_ISL_753108|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/OXON-AD0C9/2020|2020-04-07|EPI_ISL_448561|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/IL-UW-1039/2020|2020-08-01|EPI_ISL_516465|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/UT-08547/2020|2020-05-18|EPI_ISL_524307|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR3931/2020|2020-06-08|EPI_ISL_512474|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-9DDAAB/2020|2020-09-21|EPI_ISL_599666|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D49E/2020|2020-05-04|EPI_ISL_472724|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18926/2020|2020-11-26|EPI_ISL_785224|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1150/2020|2020-04-30|EPI_ISL_476735|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/France/OCC-SC510/2020|2020-04-24|EPI_ISL_660701|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-B02425/2020|2020-10-23|EPI_ISL_642878|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15615/2020|2020-10-23|EPI_ISL_785299|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/1068/2020|2020-10-05|EPI_ISL_596458|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-9D3D42/2020|2020-09-17|EPI_ISL_601667|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9754D4/2020|2020-08-21|EPI_ISL_552489|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1100/2020|2020-08-29|EPI_ISL_593715|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Russia/OMS-ORINFI-2292S/2020|2020-06-30|EPI_ISL_639921|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Singapore/93/2020|2020-03-18|EPI_ISL_435698|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-BB53AC/2020|2020-11-21|EPI_ISL_701802|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3563/2020|2020-06-00|EPI_ISL_691819|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-1406/2020|2020-04-00|EPI_ISL_685013|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9C6E03/2020|2020-09-09|EPI_ISL_572513|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/CVR3598/2020|2020-05-19|EPI_ISL_473725|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19866/2020|2020-12-07|EPI_ISL_747550|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A5DD5/2020|2020-00-00|EPI_ISL_764975|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9F8F5/2020|2020-10-20|EPI_ISL_652686|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-C393CD/2020|2020-12-08|EPI_ISL_731263|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B31BE/2020|2020-04-01|EPI_ISL_534841|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002189/2020|2020-07-08|EPI_ISL_515588|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-6419/2020|2020-07-00|EPI_ISL_689525|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4899C4/2020|2020-10-26|EPI_ISL_652435|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19273/2020|2020-11-27|EPI_ISL_783732|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/D-NVRL-71IRL07177/2020|2020-07-07|EPI_ISL_500587|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/MD-MDH-0289/2020|2020-10-12|EPI_ISL_629069|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/SHEF-C0FE1/2020|2020-05-27|EPI_ISL_535044|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D9C0/2020|2020-11-12|EPI_ISL_680708|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6810/2020|2020-10-12|EPI_ISL_619507|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B2FA5/2020|2020-05-23|EPI_ISL_456741|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Canada/BC_22473210/2020|2020-03-00|EPI_ISL_462834|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/WA-UW-23423/2020|2020-08-09|EPI_ISL_576451|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-9D0176/2020|2020-09-16|EPI_ISL_589976|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1858/2020|2020-05-27|EPI_ISL_496284|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-B11A6D/2020|2020-11-02|EPI_ISL_642321|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Kuwait/KU005/2020|2020-03-16|EPI_ISL_422426|Original|hCoV-19^^Dasman|Human|JABER AL AHMAD AL SABAH HOSPITAL \u2013 KUWAIT CITY|Dasman Diabetes Institute|Al-Mulla|Kuwait

>Spike|hCoV-19/USA/WA-S1537/2020|2020-05-25|EPI_ISL_495963|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WI-UW-2336/2020|2020-11-19|EPI_ISL_728102|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-NYUMC127/2020|2020-04-01|EPI_ISL_424934|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Singapore/1273/2020|2020-05-05|EPI_ISL_648757|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Brazil/SP-416/2020|2020-07-06|EPI_ISL_693211|Original|hCoV-19^^S\u00e3o Paulo|Human|Santa Casa de Misericordia e Maternidade|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Wales/PHWC-1698A2/2020|2020-07-19|EPI_ISL_512527|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0210/2020|2020-07-02|EPI_ISL_569891|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Gambia/GC19-2991/2020|2020-07-24|EPI_ISL_561159|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Denmark/DCGC-17984/2020|2020-12-14|EPI_ISL_749681|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-98008363/2020|2020-10-13|EPI_ISL_654575|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Iceland/173/2020|2020-03-15|EPI_ISL_417700|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Denmark/DCGC-4577/2020|2020-09-14|EPI_ISL_622246|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-7151/2020|2020-06-29|EPI_ISL_546548|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-76269/2020|2020-03-30|EPI_ISL_438333|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12295/2020|2020-11-16|EPI_ISL_682476|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/ALAB-SSI-815/2020|2020-03-30|EPI_ISL_444921|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/MI-QDX-729/2020|2020-03-21|EPI_ISL_571462|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-926AA3/2020|2020-06-23|EPI_ISL_552847|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/KU-033/2020|2020-04-29|EPI_ISL_495443|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/Wales/PHWC-4A0C19/2020|2020-12-11|EPI_ISL_743560|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-BFF5A0/2020|2020-12-02|EPI_ISL_720905|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAA9D5/2020|2020-11-17|EPI_ISL_681526|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5261/2020|2020-10-14|EPI_ISL_626992|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20065/2020|2020-12-07|EPI_ISL_747571|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10526/2020|2020-11-02|EPI_ISL_670034|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9711E0/2020|2020-08-18|EPI_ISL_553111|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-22513-01/2020|2020-03-16|EPI_ISL_525622|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Iceland/390/2020|2020-03-19|EPI_ISL_424414|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/MA-MGH-01460/2020|2020-04-28|EPI_ISL_791952|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-18247/2020|2020-12-14|EPI_ISL_749841|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-2360/2020|2020-05-13|EPI_ISL_513806|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/QEUEH-C33C31/2020|2020-12-11|EPI_ISL_757138|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9AAD5/2020|2020-11-15|EPI_ISL_673239|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033871564/2020|2020-04-07|EPI_ISL_578144|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-9826/2020|2020-11-09|EPI_ISL_669206|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001491/2020|2020-11-30|EPI_ISL_745420|Original|hCoV-19^^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MI-UM-10036709608/2020|2020-10-30|EPI_ISL_710039|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMC-B518C1/2020|2020-11-08|EPI_ISL_658131|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0090/2020|2020-09-18|EPI_ISL_747329|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/204262899/2020|2020-10-09|EPI_ISL_603212|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/519/2020|2020-04-15|EPI_ISL_479597|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-340E5/2020|2020-04-20|EPI_ISL_446870|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1118/2020|2020-04-30|EPI_ISL_444076|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Spain/IB-IBV-99011560/2020|2020-12-15|EPI_ISL_779897|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUEH-78CC4D/2020|2020-07-15|EPI_ISL_533076|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL-10717/2020|2020-11-03|EPI_ISL_693666|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/ALDP-94EC36/2020|2020-06-17|EPI_ISL_556404|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11627/2020|2020-11-02|EPI_ISL_671035|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-28217A/2020|2020-03-26|EPI_ISL_472200|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Serbia/Kragujevac-00040304/2020|2020-04-02|EPI_ISL_582524|Original|hCoV-19^^Kragujevac|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/Denmark/DCGC-18424/2020|2020-12-07|EPI_ISL_749540|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7567/2020|2020-07-00|EPI_ISL_686669|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9F425B/2020|2020-09-25|EPI_ISL_588659|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-ETHZ-320596/2020|2020-10-12|EPI_ISL_737754|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-2231/2020|2020-04-00|EPI_ISL_685836|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-5257/2020|2020-07-00|EPI_ISL_690360|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3477/2020|2020-07-05|EPI_ISL_521138|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-10854/2020|2020-07-05|EPI_ISL_789660|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-95FFC0/2020|2020-08-07|EPI_ISL_531923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE6AC/2020|2020-09-09|EPI_ISL_568206|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10517/2020|2020-10-23|EPI_ISL_626276|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-11839/2020|2020-10-26|EPI_ISL_671166|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Romania/USAFSAM-S549/2020|2020-11-28|EPI_ISL_738332|Original|hCoV-19^^Romania|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania

>Spike|hCoV-19/USA/TX-HMH-2446/2020|2020-04-29|EPI_ISL_545313|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B522B3/2020|2020-11-08|EPI_ISL_656857|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3DAE3/2020|2020-11-02|EPI_ISL_741387|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC6164/2020|2020-07-23|EPI_ISL_518170|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-2E224/2020|2020-04-07|EPI_ISL_446074|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18161/2020|2020-12-14|EPI_ISL_749318|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR1020/2020|2020-03-20|EPI_ISL_456185|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/PA-MGEL-00439/2020|2020-07-04|EPI_ISL_682020|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/ALDP-A50A45/2020|2020-10-07|EPI_ISL_597676|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19241/2020|2020-11-23|EPI_ISL_783713|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/VA-DCLS-1217/2020|2020-06-23|EPI_ISL_572284|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/AZ-TG618028/2020|2020-07-18|EPI_ISL_695675|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-9CDE93/2020|2020-09-16|EPI_ISL_566364|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8183/2020|2020-04-08|EPI_ISL_449117|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUAH-95F6BC/2020|2020-08-06|EPI_ISL_532421|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4961DB/2020|2020-11-25|EPI_ISL_726544|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/UN-2020c32/2020|2020-00-00|EPI_ISL_420556|Vero CCL81 P1|hCoV-19^^India|Human|Indian Council of Medical Research-National Institute of Virology|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/England/ALDP-95D065/2020|2020-06-17|EPI_ISL_553547|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16362/2020|2020-11-16|EPI_ISL_714723|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20129038804/2020|2020-03-20|EPI_ISL_424042|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S627/2020|2020-04-18|EPI_ISL_438180|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/NY-Wadsworth-142765-01/2020|2020-04-18|EPI_ISL_676970|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-24929/2020|2020-03-19|EPI_ISL_419458|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUAH-9F4EFD/2020|2020-09-27|EPI_ISL_638914|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-1D5838/2020|2020-09-19|EPI_ISL_576964|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1251/2020|2020-12-18|EPI_ISL_768520|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/France/GES-8536/2020|2020-05-26|EPI_ISL_560587|Original|hCoV-19^^Grand-Est|Human|Hopital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/AZ-TG648653/2020|2020-04-29|EPI_ISL_695881|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/UT-UPHL-2012731963/2020|2020-06-16|EPI_ISL_746380|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/ALDP-9FC9A9/2020|2020-10-01|EPI_ISL_587973|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20031/2020|2020-03-17|EPI_ISL_437118|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-15389/2020|2020-11-23|EPI_ISL_713799|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18101/2020|2020-11-16|EPI_ISL_784449|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-NIV-76773/2020|2020-06-23|EPI_ISL_541741|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-219/2020|2020-06-24|EPI_ISL_483707|Original|hCoV-19^^Sylhet|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/NORT-2948AD/2020|2020-03-27|EPI_ISL_490446|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1547/2020|2020-09-03|EPI_ISL_568645|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/LOND-1261299/2020|2020-04-02|EPI_ISL_524636|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH297/2020|2020-04-21|EPI_ISL_513219|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/CA-CDC-5/2020|2020-01-29|EPI_ISL_408010|Original|hCoV-19^^California|Human|California Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Oman/205040194/2020|2020-05-31|EPI_ISL_492012|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of Microbiology and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/Japan/IC-0165/2020|2020-09-00|EPI_ISL_667594|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9DF4F6/2020|2020-09-20|EPI_ISL_637425|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Spain/MD-ISCI-2014780/2020|2020-08-20|EPI_ISL_691722|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/USA/DE-DHSS-F1019092/2020|2020-10-28|EPI_ISL_708447|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Wales/PHWC-264CC/2020|2020-03-28|EPI_ISL_422319|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4365/2020|2020-07-00|EPI_ISL_692592|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/New Zealand/20VR1851/2020|2020-03-27|EPI_ISL_579150|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/NM-NMDOH-2020327064/2020|2020-09-03|EPI_ISL_569644|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/SHEF-C6C20/2020|2020-04-09|EPI_ISL_441999|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TN-CDC-2-3693694/2020|2020-11-06|EPI_ISL_747061|Original|hCoV-19^^Tennessee|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/MILK-99509E/2020|2020-08-22|EPI_ISL_552258|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-71/2020|2020-04-15|EPI_ISL_451182|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Wales/PHWC-2A422/2020|2020-04-06|EPI_ISL_445567|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW2265/2020|2020-03-22|EPI_ISL_500700|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/ALDP-9FCFD4/2020|2020-10-01|EPI_ISL_587792|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76937/2020|2020-03-30|EPI_ISL_438275|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/VGG-RII-MH3365S/2020|2020-10-07|EPI_ISL_733108|Original|hCoV-19^^Vologograd|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-A3F51E/2020|2020-10-06|EPI_ISL_609722|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1263419/2020|2020-10-28|EPI_ISL_637999|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4175/2020|2020-09-14|EPI_ISL_621995|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-03911/2020|2020-04-13|EPI_ISL_450568|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Ireland/MO-NVRL-20G46419/2020|2020-04-03|EPI_ISL_708514|Original|hCoV-19^^Mayo|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Oakpark|Della Bartola|Ireland

>Spike|hCoV-19/USA/TX-HMH-3843/2020|2020-06-11|EPI_ISL_543246|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20VR1109/2020|2020-03-03|EPI_ISL_456190|Original|hCoV-19^^Waikato|Human|Waikato Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Wales/MILK-A4780B/2020|2020-10-05|EPI_ISL_609227|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96CD20/2020|2020-08-21|EPI_ISL_534629|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-BC0951/2020|2020-11-22|EPI_ISL_710828|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12862/2020|2020-08-02|EPI_ISL_641245|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-IBV-99007346/2020|2020-08-28|EPI_ISL_582830|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/HI-H200441/2020|2020-10-07|EPI_ISL_752984|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Wales/MILK-A23F1F/2020|2020-10-04|EPI_ISL_652104|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-C49816/2020|2020-12-12|EPI_ISL_718705|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2AA33A/2020|2020-03-30|EPI_ISL_538915|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009280/2020|2020-05-15|EPI_ISL_525261|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/PDL-SC657/2020|2020-04-25|EPI_ISL_649187|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Singapore/884/2020|2020-08-31|EPI_ISL_536425|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/MI-UM-10036767160/2020|2020-11-03|EPI_ISL_707825|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-8791/2020|2020-08-00|EPI_ISL_686379|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC4778/2020|2020-07-18|EPI_ISL_519164|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B43464/2020|2020-11-08|EPI_ISL_657114|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-39-3/2020|2020-08-24|EPI_ISL_577784|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-1478/2020|2020-04-13|EPI_ISL_542742|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Panama/332298/2020|2020-03-20|EPI_ISL_496708|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/MILK-B55915/2020|2020-11-05|EPI_ISL_657411|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C7224/2020|2020-09-07|EPI_ISL_573290|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2317/2020|2020-07-10|EPI_ISL_635427|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-72D6C/2020|2020-03-23|EPI_ISL_440121|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-318/2020|2020-04-19|EPI_ISL_436612|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-A35EC2/2020|2020-10-04|EPI_ISL_706899|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-83867/2020|2020-04-15|EPI_ISL_443391|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-395b/2020|2020-07-06|EPI_ISL_524765|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUH-9C8663/2020|2020-09-11|EPI_ISL_567090|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-98FBD2/2020|2020-08-26|EPI_ISL_539914|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-80E59/2020|2020-04-18|EPI_ISL_444435|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/EDB6742/2020|2020-04-13|EPI_ISL_491649|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DD188/2020|2020-09-22|EPI_ISL_599701|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1480/2020|2020-09-10|EPI_ISL_541612|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-Wadsworth-234464-01/2020|2020-10-02|EPI_ISL_734314|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/France/NAQ-SC300/2020|2020-04-28|EPI_ISL_666719|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/New Zealand/20CV0190/2020|2020-08-28|EPI_ISL_548056|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-C2F676/2020|2020-12-07|EPI_ISL_782837|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C480F1/2020|2020-12-12|EPI_ISL_718888|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0009/2020|2020-09-08|EPI_ISL_747250|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/MILK-9C4A4D/2020|2020-09-10|EPI_ISL_572716|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00028/2020|2020-12-20|EPI_ISL_754111|Original|hCoV-19^^California|Human|UCLA Clinical Micro Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/LIVE-A4709/2020|2020-03-13|EPI_ISL_500034|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-CDC-8378/2020|2020-03-03|EPI_ISL_594451|original|hCoV-19^^Washington|Human|Washington State Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FA9C2/2020|2020-04-06|EPI_ISL_441747|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20802/2020|2020-05-19|EPI_ISL_471823|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-A20343/2020|2020-10-01|EPI_ISL_587710|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-CDC-2-3713964/2020|2020-11-15|EPI_ISL_751759|Original|hCoV-19^^Connecticut|Human|CT-Dr. Katherine A. Kelley State Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/CO-CDPHE-2009164036/2020|2020-09-16|EPI_ISL_677654|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-A6E868/2020|2020-10-15|EPI_ISL_607970|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0294/2020|2020-03-27|EPI_ISL_438117|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/MILK-A44D1E/2020|2020-10-06|EPI_ISL_598782|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEAF9C/2020|2020-10-25|EPI_ISL_633300|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0411452/2020|2020-04-11|EPI_ISL_476962|Original|hCoV-19^^Schepensehevel-Zchem|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MI-MDHHS-SC20501/2020|2020-05-11|EPI_ISL_460039|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/NSW2233/2020|2020-03-21|EPI_ISL_509512|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Wales/PHWC-487AF0/2020|2020-10-31|EPI_ISL_639273|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201131911/2020|2020-09-23|EPI_ISL_628934|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/ALAB-HH61/2020|2020-03-17|EPI_ISL_429307|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/CA-ALSR-2947/2020|2020-07-12|EPI_ISL_635745|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Thailand/Siriraj_5/2020|2020-00-00|EPI_ISL_447908|unknown|hCoV-19^^Bangkok|Human|Siriraj hospital|National Institute of Health. Department of medical Sciences|Okada|Thailand

>Spike|hCoV-19/Denmark/DCGC-21721/2020|2020-12-21|EPI_ISL_757916|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-2934/2020|2020-06-09|EPI_ISL_543873|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/reg-0414490/2020|2020-04-14|EPI_ISL_734573|Original|hCoV-19^^Tubize|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUEH-B435BC/2020|2020-11-08|EPI_ISL_657196|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10D58AF/2020|2020-12-20|EPI_ISL_764227|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15132/2020|2020-11-23|EPI_ISL_713648|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-251969-01/2020|2020-10-22|EPI_ISL_734396|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasèk-Nesselquist|USA

>Spike|hCoV-19/USA/MA-MASPHL-00960/2020|2020-10-31|EPI_ISL_692811|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/CAMB-1B3B73/2020|2020-05-27|EPI_ISL_461580|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-951368/2020|2020-06-13|EPI_ISL_554129|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F18A/2020|2020-10-15|EPI_ISL_606971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5070/2020|2020-10-12|EPI_ISL_594803|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Sweden/20-52650/2020|2020-08-10|EPI_ISL_548258|Original|hCoV-19^^Stockholm|Human|Karolinska universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-1392/2020|2020-04-21|EPI_ISL_542693|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7D0E0/2020|2020-04-06|EPI_ISL_441549|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-QDX-225/2020|2020-04-16|EPI_ISL_498706|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-17847/2020|2020-12-14|EPI_ISL_749484|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10615/2020|2020-11-02|EPI_ISL_669474|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NV-NSPHL-A0089/2020|2020-04-13|EPI_ISL_515366|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/QEUEH-B693E3/2020|2020-11-11|EPI_ISL_661456|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3592/2020|2020-08-02|EPI_ISL_590941|Original|hCoV-19^^Norway|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/CA-QDX-1527/2020|2020-03-18|EPI_ISL_603780|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/EDB5441/2020|2020-04-12|EPI_ISL_473821|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/205091056/2020|2020-12-11|EPI_ISL_766298|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15291/2020|2020-11-20|EPI_ISL_739117|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-DSHS-0708/2020|2020-09-08|EPI_ISL_576351|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-A8B7D1/2020|2020-10-16|EPI_ISL_643278|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62F5F/2020|2020-11-08|EPI_ISL_655274|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2628/2020|2020-03-13|EPI_ISL_604973|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-B22401/2020|2020-11-02|EPI_ISL_646135|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/5039/2020|2020-10-30|EPI_ISL_775461|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Australia/VIC7777/2020|2020-08-02|EPI_ISL_564649|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7672/2020|2020-06-26|EPI_ISL_546930|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/HH-hpi-pl543/2020|2020-03-15|EPI_ISL_776034|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Netherlands/ZH-EMC-1218/2020|2020-12-17|EPI_ISL_763288|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-BA2D2C/2020|2020-11-18|EPI_ISL_720992|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10729/2020|2020-09-15|EPI_ISL_641571|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CO-CDPHE-2100010222/2020|2020-11-19|EPI_ISL_771295|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB105/2020|2020-04-07|EPI_ISL_470026|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1555/2020|2020-09-04|EPI_ISL_755914|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/UT-QDX-2004/2020|2020-03-15|EPI_ISL_604379|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/SAP061/2020|2020-03-28|EPI_ISL_451100|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12509/2020|2020-09-30|EPI_ISL_790373|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-AD59D2/2020|2020-10-25|EPI_ISL_633756|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B9E79E/2020|2020-11-18|EPI_ISL_719967|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8774/2020|2020-10-26|EPI_ISL_651994|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Belgium/reg-0411899/2020|2020-04-11|EPI_ISL_734566|Original|hCoV-19^^Perwez|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-48DA45/2020|2020-11-01|EPI_ISL_680716|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-91D80F/2020|2020-06-23|EPI_ISL_556635|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9C1846/2020|2020-09-10|EPI_ISL_573207|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B32987/2020|2020-11-05|EPI_ISL_659559|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB86A1/2020|2020-10-21|EPI_ISL_623259|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9EF37/2020|2020-04-09|EPI_ISL_453412|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH060/2020|2020-03-18|EPI_ISL_434769|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01311/2020|2020-06-00|EPI_ISL_548914|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Australia/VIC4829/2020|2020-07-16|EPI_ISL_519213|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2929/2020|2020-04-21|EPI_ISL_461595|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020643067/2020|2020-12-27|EPI_ISL_767082|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/USA/MI-QDX-2146/2020|2020-03-16|EPI_ISL_604467|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-1635B0/2020|2020-05-11|EPI_ISL_473967|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5153/2020|2020-10-16|EPI_ISL_730392|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMB-1BB258/2020|2020-11-13|EPI_ISL_665004|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17885/2020|2020-12-14|EPI_ISL_749622|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KDCA0439/2020|2020-11-12|EPI_ISL_760223|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-C3B7B0/2020|2020-12-11|EPI_ISL_731073|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14040/2020|2020-09-16|EPI_ISL_563941|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A587E/2020|2020-03-20|EPI_ISL_499641|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482CC2/2020|2020-10-21|EPI_ISL_611666|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9D926B/2020|2020-09-18|EPI_ISL_576712|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-10D7B77/2020|2020-12-20|EPI_ISL_742108|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-36D19/2020|2020-05-03|EPI_ISL_474794|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A5275B/2020|2020-10-07|EPI_ISL_598172|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20130055602/2020|2020-03-20|EPI_ISL_420634|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC834/2020|2020-04-25|EPI_ISL_456107|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/LA-GBCL-26684466/2020|2020-04-11|EPI_ISL_485286|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/MD-MDH-0435/2020|2020-11-10|EPI_ISL_666803|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Wales/ALDP-94E6B0/2020|2020-06-16|EPI_ISL_555438|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11020/2020|2020-11-28|EPI_ISL_722938|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-923B3A/2020|2020-06-23|EPI_ISL_551429|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-30AAF/2020|2020-04-10|EPI_ISL_446316|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20715/2020|2020-04-14|EPI_ISL_471739|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LIVE-A7F1D/2020|2020-03-26|EPI_ISL_517091|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/MD-ISCI-201276/2020|2020-03-06|EPI_ISL_462478|Original|hCoV-19^^Madrid|Human|Fundaci\u00f3n Jim\u00e9nez D\u00e9daz|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/CAMC-A58D26/2020|2020-10-08|EPI_ISL_597011|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/17/2020|2020-03-02|EPI_ISL_417811|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Germany/HH-hpi-p2404/2020|2020-04-23|EPI_ISL_776477|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUA-B0F30D/2020|2020-11-02|EPI_ISL_642131|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB8744/2020|2020-10-21|EPI_ISL_623552|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-1572/2020|2020-05-20|EPI_ISL_561014|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Wales/PHWC-494EF4/2020|2020-11-22|EPI_ISL_726270|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-95F32E/2020|2020-08-06|EPI_ISL_532315|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC366/2020|2020-04-09|EPI_ISL_430393|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/India/WB-S65/2020|2020-05-24|EPI_ISL_508455|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/20100000204/2020|2020-03-01|EPI_ISL_464233|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6888/2020|2020-12-17|EPI_ISL_765080|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A70B/2020|2020-04-05|EPI_ISL_445610|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9B7A5C/2020|2020-09-04|EPI_ISL_590506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B45D2B/2020|2020-11-07|EPI_ISL_656331|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2041/2020|2020-05-15|EPI_ISL_486285|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Scotland/GCVR-172B9E/2020|2020-04-05|EPI_ISL_459137|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20174/2020|2020-03-25|EPI_ISL_436864|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/UT-UPHL-05540/2020|2020-06-02|EPI_ISL_575214|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/SHEF-C029D/2020|2020-03-27|EPI_ISL_420182|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22427/2020|2020-12-14|EPI_ISL_757402|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ME-HETL-J0461/2020|2020-12-16|EPI_ISL_755553|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Australia/VIC624/2020|2020-03-28|EPI_ISL_426928|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-801/2020|2020-04-13|EPI_ISL_614725|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B63DCD/2020|2020-11-08|EPI_ISL_655439|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-CMM-29192/2020|2020-03-21|EPI_ISL_459860|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Center for Genome Regulation (CRG)|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/USA/CA-ALSR-2637/2020|2020-07-11|EPI_ISL_635603|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-2497/2020|2020-05-22|EPI_ISL_513884|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20444/2020|2020-03-16|EPI_ISL_452318|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/ON-UHTC-0200/2020|2020-06-10|EPI_ISL_569961|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/VA-DCLS-1124/2020|2020-06-18|EPI_ISL_529921|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/BIRM-6A893/2020|2020-11-11|EPI_ISL_679095|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Gibraltar/204421203/2020|2020-10-27|EPI_ISL_613664|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Luxembourg/LNS0914893/2020|2020-11-05|EPI_ISL_739855|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Sweden/20-52568/2020|2020-08-10|EPI_ISL_534255|Original|hCoV-19^^Vasternorrland|Human|Laboratoriemedicin Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-ALSR-0678-IPL/2020|2020-04-29|EPI_ISL_483295|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-9EF806/2020|2020-09-23|EPI_ISL_594945|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-B38CF1/2020|2020-11-01|EPI_ISL_658859|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2059/2020|2020-02-24|EPI_ISL_481379|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-A9614E/2020|2020-10-20|EPI_ISL_624719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20243/2020|2020-03-24|EPI_ISL_447213|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-A0AD41/2020|2020-10-03|EPI_ISL_599397|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/PE-IAM29/2020|2020-04-08|EPI_ISL_500872|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Scotland/CVR4144/2020|2020-08-31|EPI_ISL_540832|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10173/2020|2020-11-09|EPI_ISL_669436|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-H12-41/2020|2020-04-05|EPI_ISL_529976|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/Scotland/QEUH-9FB430/2020|2020-09-29|EPI_ISL_600572|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3ADFB/2020|2020-12-08|EPI_ISL_767186|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL982/2020|2020-08-18|EPI_ISL_653673|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-486815/2020|2020-10-31|EPI_ISL_639082|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A856F8/2020|2020-10-17|EPI_ISL_610483|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-172CB9/2020|2020-04-06|EPI_ISL_524516|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C665F/2020|2020-05-19|EPI_ISL_529679|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5793/2020|2020-08-28|EPI_ISL_590309|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14651/2020|2020-10-11|EPI_ISL_787936|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-101148/2020|2020-03-31|EPI_ISL_451815|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/VA_6382/2020|2020-03-08|EPI_ISL_424893|Original|hCoV-19^^Virginia|Human|VA-Division of Consolidated Laboratory Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/New Zealand/20CV0670/2020|2020-12-09|EPI_ISL_732970|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-9C448B/2020|2020-09-09|EPI_ISL_566855|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F4428/2020|2020-09-27|EPI_ISL_600692|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1815/2020|2020-06-22|EPI_ISL_738154|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Gibraltar/204841733/2020|2020-00-00|EPI_ISL_671300|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/WA-UW-1341/2020|2020-03-17|EPI_ISL_424179|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Germany/NW-HHU-296/2020|2020-10-01|EPI_ISL_631340|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsselndorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/TX-DSHS-1228/2020|2020-03-14|EPI_ISL_654732|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Spain/VC-IBV-98000405/2020|2020-03-17|EPI_ISL_539230|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-C335DC/2020|2020-12-11|EPI_ISL_782629|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-7E6A29/2020|2020-07-22|EPI_ISL_532948|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M200/2020|2020-06-07|EPI_ISL_495193|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/NORW-E7DF9/2020|2020-05-06|EPI_ISL_449091|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0992/2020|2020-06-10|EPI_ISL_699125|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-A47346/2020|2020-10-06|EPI_ISL_598396|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B23CEA/2020|2020-11-04|EPI_ISL_646297|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Uganda/UG040/2020|2020-05-07|EPI_ISL_737960|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/Canada/QC-LSPQ-L00243284/2020|2020-03-29|EPI_ISL_536353|Original|hCoV-19^^Quebec|Human|Centre de sant Inuulitsivik|Laboratoire de sant publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-DSHS-0659/2020|2020-07-19|EPI_ISL_576313|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-BAC672/2020|2020-11-18|EPI_ISL_681613|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B281/2020|2020-04-08|EPI_ISL_432228|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14853/2020|2020-11-22|EPI_ISL_739155|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/20102001104/2020|2020-03-02|EPI_ISL_464264|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22070/2020|2020-12-14|EPI_ISL_758536|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-28ADAB/2020|2020-04-15|EPI_ISL_492938|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F5366/2020|2020-09-25|EPI_ISL_638666|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-3806/2020|2020-07-00|EPI_ISL_692057|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-4290/2020|2020-10-09|EPI_ISL_648942|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-839121/2020|2020-07-16|EPI_ISL_557235|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17617/2020|2020-07-16|EPI_ISL_663545|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BABDF6/2020|2020-11-18|EPI_ISL_783123|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21641/2020|2020-12-21|EPI_ISL_758280|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4845D4/2020|2020-10-23|EPI_ISL_628021|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BBC721/2020|2020-11-21|EPI_ISL_724178|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18339/2020|2020-11-18|EPI_ISL_784687|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/202322095/2020|2020-06-02|EPI_ISL_566051|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CT-UW-3470/2020|2020-03-26|EPI_ISL_490987|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC3490/2020|2020-07-05|EPI_ISL_521150|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B8947/2020|2020-10-29|EPI_ISL_651671|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00350/2020|2020-04-27|EPI_ISL_623153|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/QEUA-B122CE/2020|2020-11-02|EPI_ISL_642530|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MH-NVRL-77IRL69686/2020|2020-11-05|EPI_ISL_752516|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Germany/HH-hpi-pl951/2020|2020-03-24|EPI_ISL_776278|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-A683F4/2020|2020-10-12|EPI_ISL_608403|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95AF2F/2020|2020-06-13|EPI_ISL_555732|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E1F96/2020|2020-09-20|EPI_ISL_581317|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0835-SAN/2020|2020-03-14|EPI_ISL_483391|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-492588/2020|2020-11-18|EPI_ISL_706859|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Israel/CVL-n6268/2020|2020-03-00|EPI_ISL_435287|Original|hCoV-19^^Israel|Human|Central Virology Laboratory|Central Virology Laboratory|Zuckerman|Israel

>Spike|hCoV-19/Wales/PHWC-49CF17/2020|2020-12-09|EPI_ISL_742707|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20118151404/2020|2020-03-12|EPI_ISL_464980|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0410/2020|2020-11-12|EPI_ISL_760194|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/DE-DHSS-FLW00408180/2020|2020-12-02|EPI_ISL_766983|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/England/20172027904/2020|2020-04-17|EPI_ISL_465336|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481F15/2020|2020-10-21|EPI_ISL_613185|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3650/2020|2020-04-00|EPI_ISL_691903|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9878/2020|2020-08-17|EPI_ISL_565759|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/KA-IB30/2020|2020-05-19|EPI_ISL_508309|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Brazil/SP-L9-CD90/2020|2020-03-24|EPI_ISL_476489|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/Australia/VIC12110/2020|2020-07-26|EPI_ISL_591917|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/SH-ChVir20292/2020|2020-11-12|EPI_ISL_729654|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-22614/2020|2020-12-14|EPI_ISL_757440|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-0231/2020|2020-03-29|EPI_ISL_569394|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0zur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-95AD8F/2020|2020-06-09|EPI_ISL_555529|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1241/2020|2020-04-28|EPI_ISL_648658|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Luxembourg/LNS8194078/2020|2020-10-31|EPI_ISL_744701|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MI-MDHHS-SC20159/2020|2020-03-19|EPI_ISL_436826|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-5B0C7F/2020|2020-06-17|EPI_ISL_558646|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15427/2020|2020-12-02|EPI_ISL_738816|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/IC-0351/2020|2020-11-00|EPI_ISL_721596|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20180011204/2020|2020-04-20|EPI_ISL_465428|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15DE27/2020|2020-05-12|EPI_ISL_472778|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9A715/2020|2020-03-30|EPI_ISL_449364|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-2712/2020|2020-06-00|EPI_ISL_690844|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MI-MDHHS-SC21440/2020|2020-03-22|EPI_ISL_507694|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB097/2020|2020-03-20|EPI_ISL_425887|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98010588/2020|2020-10-03|EPI_ISL_722223|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-S2204/2020|2020-06-08|EPI_ISL_497632|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/GE-EMC-164/2020|2020-05-22|EPI_ISL_523147|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B08C36/2020|2020-10-30|EPI_ISL_643797|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1266DFD/2020|2020-12-10|EPI_ISL_741214|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Sweden/20-06523/2020|2020-03-26|EPI_ISL_475564|Original|hCoV-19^^Stockholm|Human|Surbrunns VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/South Korea/KCDC2584/2020|2020-06-27|EPI_ISL_514987|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-4AED45/2020|2020-06-15|EPI_ISL_559342|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5850/2020|2020-11-16|EPI_ISL_666045|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010069/2020|2020-03-17|EPI_ISL_779758|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/LOND-12650E6/2020|2020-11-27|EPI_ISL_724586|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/NGY-NNH-015/2020|2020-07-27|EPI_ISL_568570|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/USA/VA-DCLS-0106/2020|2020-04-14|EPI_ISL_434598|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/SAP366/2020|2020-03-24|EPI_ISL_483137|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Wales/PHWC-15D2C1/2020|2020-05-09|EPI_ISL_472696|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10883/2020|2020-11-02|EPI_ISL_669570|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BFCB47/2020|2020-12-02|EPI_ISL_720724|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4867/2020|2020-07-18|EPI_ISL_519251|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B06333/2020|2020-10-24|EPI_ISL_642977|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F5A16/2020|2020-09-25|EPI_ISL_588996|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-D0B484/2020|2020-12-20|EPI_ISL_782137|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0116/2020|2020-03-10|EPI_ISL_437974|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-5830/2020|2020-09-28|EPI_ISL_621017|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/PIE-SLL-MS54/2020|2020-03-31|EPI_ISL_569870|Original|hCoV-19^^Piedmont|Human|Amedeo di savoia|Crosetto lab|Harbers|Italy

>Spike|hCoV-19/England/ALDP-5C9A88/2020|2020-06-19|EPI_ISL_558448|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14520/2020|2020-11-11|EPI_ISL_738517|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Spain/CN-IBV-97006502/2020|2020-03-28|EPI_ISL_537711|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00e9dn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/BRIS-128274/2020|2020-04-15|EPI_ISL_469615|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AC30/2020|2020-12-03|EPI_ISL_727665|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NC-UNC-200414/2020|2020-04-00|EPI_ISL_524450|Original|hCoV-19^^North Carolina|Human|Microbiology & Immunology|Microbiology & Immunology|Submitter|USA

>Spike|hCoV-19/England/NORT-29B017/2020|2020-05-26|EPI_ISL_493490|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-B63D09/2020|2020-11-08|EPI_ISL_655528|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7D79/2020|2020-10-14|EPI_ISL_638178|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Chile/RM-168869/2020|2020-09-03|EPI_ISL_746703|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/ALDP-982D8E/2020|2020-08-10|EPI_ISL_552666|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3745/2020|2020-05-26|EPI_ISL_478100|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1689/2020|2020-07-23|EPI_ISL_526004|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/204590753/2020|2020-11-07|EPI_ISL_700603|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Belgium/reg-0917984/2020|2020-09-17|EPI_ISL_734976|Original|hCoV-19^^Steenokkerzeel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/AZ-TG565575/2020|2020-07-31|EPI_ISL_695555|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Guadeloupe/IPG-7328/2020|2020-03-17|EPI_ISL_613428|Original|hCoV-19^^Baie-Mahault|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Guadeloupe

>Spike|hCoV-19/England/MILK-61C1DB/2020|2020-07-01|EPI_ISL_557979|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B468B0/2020|2020-11-06|EPI_ISL_656220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00343/2020|2020-04-29|EPI_ISL_623146|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-A6DBE8/2020|2020-10-14|EPI_ISL_607628|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3484/2020|2020-07-08|EPI_ISL_521145|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/IDF-3509/2020|2020-03-24|EPI_ISL_428351|Original|hCoV-19^^\u00cele-de-France|Human|GH Nord Essonne Service de Biologie clinique|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/QEUEH-55376E/2020|2020-05-12|EPI_ISL_532204|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-030/2020|2020-05-06|EPI_ISL_699686|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Wales/PHWC-495558/2020|2020-11-23|EPI_ISL_726361|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9D527/2020|2020-04-16|EPI_ISL_453208|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-0531/2020|2020-04-05|EPI_ISL_480189|Original|hCoV-19^^Kanto|Human|Ibaraki Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/EXET-136316/2020|2020-04-13|EPI_ISL_457219|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D815/2020|2020-12-10|EPI_ISL_730668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0429626/2020|2020-04-29|EPI_ISL_734679|Original|hCoV-19^^Peruwelz|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QE4H-9E4DE4/2020|2020-09-22|EPI_ISL_579903|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/G-NVRL-78IRL77157/2020|2020-11-23|EPI_ISL_752581|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-15927/2020|2020-07-10|EPI_ISL_785611|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7311/2020|2020-08-00|EPI_ISL_688414|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-492ED8/2020|2020-11-28|EPI_ISL_725804|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-350002/2020|2020-11-03|EPI_ISL_693777|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-14443/2020|2020-11-30|EPI_ISL_711771|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-486EE6/2020|2020-10-30|EPI_ISL_639146|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20372/2020|2020-03-17|EPI_ISL_450582|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Italy/LAZ-INMI-108/2020|2020-12-01|EPI_ISL_728281|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/Russia/AST-RII-MH4462S/2020|2020-08-13|EPI_ISL_733202|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-CZB-9551/2020|2020-04-14|EPI_ISL_672074|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MD-HP12087/2020|2020-11-15|EPI_ISL_791411|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/USA/TX-DSHS-0836/2020|2020-06-07|EPI_ISL_593578|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-627/2020|2020-09-21|EPI_ISL_578055|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-1292/2020|2020-03-31|EPI_ISL_648231|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/TI-ETHZ-280192/2020|2020-09-09|EPI_ISL_560483|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-5234/2020|2020-09-14|EPI_ISL_615905|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/287/2020|2020-03-18|EPI_ISL_462405|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/NORT-281E65/2020|2020-03-24|EPI_ISL_478487|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/QEUA-A5E77D/2020|2020-10-12|EPI_ISL_609190|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5997/2020|2020-07-00|EPI_ISL_689110|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C3B11C/2020|2020-12-08|EPI_ISL_731656|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B1462A/2020|2020-11-03|EPI_ISL_642647|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD3084/2020|2020-10-26|EPI_ISL_634174|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C614C9/2020|2020-12-13|EPI_ISL_769425|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3CDEB/2020|2020-11-01|EPI_ISL_706199|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12386/2020|2020-11-16|EPI_ISL_682567|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B414FD/2020|2020-11-08|EPI_ISL_658598|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0298/2020|2020-04-30|EPI_ISL_463101|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/MILK-9C4843/2020|2020-09-10|EPI_ISL_549469|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-96108C/2020|2020-08-04|EPI_ISL_532035|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBD24D/2020|2020-11-16|EPI_ISL_679308|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-4A6BCB/2020|2020-06-08|EPI_ISL_559598|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0495/2020|2020-03-25|EPI_ISL_495401|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Luxembourg/LNS3360603/2020|2020-11-17|EPI_ISL_740297|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-753B2/2020|2020-03-12|EPI_ISL_440378|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC0BA/2020|2020-04-28|EPI_ISL_444369|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/NORT-2A48C8/2020|2020-09-12|EPI_ISL_572570|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-9703/2020|2020-11-09|EPI_ISL_669119|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/India/DL-TF17/2020|2020-06-17|EPI_ISL_508495|Original|hCoV-19^^Delhi|Human|Translational Health Science and Technology Institute|National Institute of Biomedical Genomics|Maitra|India
>Spike|hCoV-19/Wales/PHWC-483F13/2020|2020-10-24|EPI_ISL_627086|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/India/GJ-GBRC178a/2020|2020-06-03|EPI_ISL_467043|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India
>Spike|hCoV-19/England/NORW-FA449/2020|2020-12-03|EPI_ISL_725505|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/United Arab Emirates/0708/2020|2020-05-15|EPI_ISL_698859|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/USA/FL-BPHL-1514/2020|2020-07-22|EPI_ISL_568612|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/USA/AZ-TG280838/2020|2020-04-21|EPI_ISL_694180|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/Netherlands/ZuidHolland_110/2020|2020-04-07|EPI_ISL_455299|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Russia/KO-RII-MH2080S/2020|2020-09-21|EPI_ISL_602409|Original|hCoV-19^^Komi|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/Hong Kong/VM20059282/2020|2020-07-18|EPI_ISL_539810|Original|hCoV-19^^Hong Kong|Human|Asiaworld Expo Command Post|Hong Kong Department of Health|Tsang|China
>Spike|hCoV-19/England/QEUEH-9E43B5/2020|2020-09-22|EPI_ISL_579850|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MN-MDH-2189/2020|2020-12-07|EPI_ISL_723140|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19/Denmark/DCGC-7018/2020|2020-10-12|EPI_ISL_619865|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/CVR2890/2020|2020-04-21|EPI_ISL_453084|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Scotland/QEUEH-9FF7F7/2020|2020-10-02|EPI_ISL_600300|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC11136/2020|2020-07-16|EPI_ISL_563265|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Belgium/ITM_C193/2020|2020-03-31|EPI_ISL_450731|Original|hCoV-19^^Antwerp|Human|Hospital AZ Rivierenland|Institute of Tropical Medicine|Selhorst|Belgium
>Spike|hCoV-19/Denmark/DCGC-2375/2020|2020-08-10|EPI_ISL_617555|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48689D/2020|2020-10-21|EPI_ISL_638152|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A52F4/2020|2020-12-15|EPI_ISL_764850|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Chile/RM-171329/2020|2020-09-07|EPI_ISL_746729|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/ALDP-BB2E26/2020|2020-11-20|EPI_ISL_702778|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-0512/2020|2020-06-05|EPI_ISL_526093|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-13263/2020|2020-11-30|EPI_ISL_712689|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10678/2020|2020-11-02|EPI_ISL_670130|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-94A07A/2020|2020-06-11|EPI_ISL_556358|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D070B/2020|2020-09-16|EPI_ISL_589900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10874/2020|2020-11-13|EPI_ISL_678417|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Switzerland/BS-42252201/2020|2020-05-01|EPI_ISL_581922|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-A2F669/2020|2020-10-05|EPI_ISL_587135|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200562/2020|2020-10-24|EPI_ISL_753090|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-B88CE3/2020|2020-11-13|EPI_ISL_675877|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5CF536/2020|2020-06-15|EPI_ISL_558462|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-139067/2020|2020-10-28|EPI_ISL_664330|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD9FC/2020|2020-09-16|EPI_ISL_566333|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DC4B/2020|2020-10-05|EPI_ISL_586863|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15876/2020|2020-11-23|EPI_ISL_713330|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002671/2020|2020-08-02|EPI_ISL_535537|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/OXON-AF179/2020|2020-03-17|EPI_ISL_448816|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Brazil/RS-00659/2020|2020-11-26|EPI_ISL_770602|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Switzerland/GR-ETHZ-220089/2020|2020-07-28|EPI_ISL_512054|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/ALAB-SSI-773/2020|2020-03-18|EPI_ISL_444898|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Scotland/CVR3500/2020|2020-05-10|EPI_ISL_456885|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0198/2020|2020-04-05|EPI_ISL_480849|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-BD2057/2020|2020-11-28|EPI_ISL_702120|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB7806/2020|2020-10-21|EPI_ISL_623469|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DD2D0/2020|2020-09-21|EPI_ISL_580923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD39C5/2020|2020-10-24|EPI_ISL_629948|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498063/2020|2020-11-30|EPI_ISL_727017|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B5E4B/2020|2020-00-00|EPI_ISL_573132|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC7175/2020|2020-07-23|EPI_ISL_564262|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-2132/2020|2020-07-27|EPI_ISL_618395|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B95BB/2020|2020-11-04|EPI_ISL_664568|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1994/2020|2020-04-16|EPI_ISL_653147|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/United Arab Emirates/0125/2020|2020-05-18|EPI_ISL_698315|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/AZ-TG313687/2020|2020-05-18|EPI_ISL_694326|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-48C90D/2020|2020-11-07|EPI_ISL_666484|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003683/2020|2020-04-02|EPI_ISL_467258|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/France/ARA-SC186/2020|2020-04-01|EPI_ISL_634836|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUEH-B66498/2020|2020-11-11|EPI_ISL_661320|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13176/2020|2020-11-30|EPI_ISL_712634|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204820068/2020|2020-11-24|EPI_ISL_683573|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1402/2020|2020-05-01|EPI_ISL_542700|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NB-EMC-240/2020|2020-06-11|EPI_ISL_523363|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Luxembourg/LNS6774334/2020|2020-12-21|EPI_ISL_771108|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/OR-PROV-168/2020|2020-05-08|EPI_ISL_482419|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Canada/ON-S1946/2020|2020-11-24|EPI_ISL_755666|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/OXON-ACBE7/2020|2020-04-05|EPI_ISL_448517|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C2B4/2020|2020-12-07|EPI_ISL_742536|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11679/2020|2020-10-26|EPI_ISL_671062|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/DP0158/2020|2020-02-15|EPI_ISL_416579|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NA_681/2020|2020-03-16|EPI_ISL_461116|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/AR-IBV-98008059/2020|2020-10-01|EPI_ISL_654450|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/20128031604/2020|2020-03-19|EPI_ISL_423950|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC4009/2020|2020-07-10|EPI_ISL_519395|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-IHU-0638/2020|2020-04-13|EPI_ISL_568908|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u01Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/NORW-21FBCF/2020|2020-12-15|EPI_ISL_741466|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-A2E51/2020|2020-05-20|EPI_ISL_499875|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2344BA/2020|2020-10-19|EPI_ISL_680395|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/WA-S1396/2020|2020-05-19|EPI_ISL_495846|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Germany/BE-ChVir-W2207-8292/2020|2020-11-22|EPI_ISL_753829|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/PG-3062/2020|2020-04-00|EPI_ISL_691185|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BL-65240056/2020|2020-04-04|EPI_ISL_581871|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Australia/VIC8980/2020|2020-07-28|EPI_ISL_565330|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-12273F/2020|2020-04-05|EPI_ISL_440668|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Austria/CeMM0255/2020|2020-03-22|EPI_ISL_438084|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Australia/VIC644/2020|2020-03-28|EPI_ISL_426940|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-1692B3/2020|2020-06-11|EPI_ISL_499427|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000887/2020|2020-03-25|EPI_ISL_452675|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/GSTT-5651/2020|2020-03-22|EPI_ISL_560698|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0734/2020|2020-05-14|EPI_ISL_584136|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-B47DA1/2020|2020-11-07|EPI_ISL_649376|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036735869/2020|2020-11-02|EPI_ISL_682124|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Northern Ireland/QEUA-96DAA0/2020|2020-08-20|EPI_ISL_530729|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-086/2020|2020-05-21|EPI_ISL_699742|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Sweden/20-22149/2020|2020-06-26|EPI_ISL_623082|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-9BE4C0/2020|2020-09-09|EPI_ISL_567919|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-230018/2020|2020-08-02|EPI_ISL_516561|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/GJ-GBRC25/2020|2020-04-26|EPI_ISL_444456|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Jordan/SEARCH-5400/2020|2020-10-11|EPI_ISL_755211|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/NORW-EF896/2020|2020-00-00|EPI_ISL_529469|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NOTT-115650/2020|2020-10-15|EPI_ISL_595254|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B22F79/2020|2020-11-02|EPI_ISL_647366|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1459/2020|2020-09-11|EPI_ISL_541591|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-26F70/2020|2020-03-29|EPI_ISL_422174|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4693/2020|2020-11-11|EPI_ISL_730086|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/SHEF-CD5F1/2020|2020-06-13|EPI_ISL_479257|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481944/2020|2020-10-17|EPI_ISL_613126|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC296/2020|2020-03-23|EPI_ISL_419987|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-201214342/2020|2020-03-30|EPI_ISL_672545|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Ireland/WD-NVRL-AIIDV0352v1/2020|2020-05-06|EPI_ISL_644236|Original|hCoV-19^^Waterford|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Canada/NS-NML-1246/2020|2020-04-05|EPI_ISL_579638|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-112/2020|2020-06-07|EPI_ISL_475761|Original|hCoV-19^^Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/CAMC-A59341/2020|2020-10-08|EPI_ISL_597058|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0866/2020|2020-03-27|EPI_ISL_511125|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW-12548/2020|2020-06-26|EPI_ISL_570546|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-C439A0/2020|2020-12-10|EPI_ISL_719182|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410210/2020|2020-12-13|EPI_ISL_737722|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-97071C/2020|2020-08-17|EPI_ISL_553034|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1510/2020|2020-04-00|EPI_ISL_685117|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9D0AE4/2020|2020-09-16|EPI_ISL_589921|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/905/2020|2020-09-07|EPI_ISL_536446|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-C23AEF/2020|2020-12-06|EPI_ISL_760860|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC785D/2020|2020-11-22|EPI_ISL_721296|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6310/2020|2020-08-00|EPI_ISL_689421|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-F5A1F/2020|2020-10-27|EPI_ISL_725287|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/CVR5350/2020|2020-10-26|EPI_ISL_651532|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18276/2020|2020-11-17|EPI_ISL_784624|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C2134/2020|2020-04-17|EPI_ISL_448837|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-S1707/2020|2020-06-01|EPI_ISL_496133|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/201121218/2020|2020-03-09|EPI_ISL_464691|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-4384/2020|2020-06-00|EPI_ISL_692611|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-954B4F/2020|2020-06-13|EPI_ISL_553462|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B2DF7/2020|2020-03-27|EPI_ISL_534816|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg_16/2020|2020-04-08|EPI_ISL_464127|Original|hCoV-19^^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/England/QEUA-A1F15C/2020|2020-09-29|EPI_ISL_587542|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F1B7/2020|2020-11-09|EPI_ISL_681055|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_85/2020|2020-05-10|EPI_ISL_645084|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland

>Spike|hCoV-19/Denmark/DCGC-15483/2020|2020-11-23|EPI_ISL_713848|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-NMDOH-2020321224/2020|2020-09-03|EPI_ISL_569627|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-9936/2020|2020-11-09|EPI_ISL_668494|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-GA5/2020|2020-06-17|EPI_ISL_508244|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Denmark/DCGC-18242/2020|2020-12-14|EPI_ISL_749837|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E6DC4/2020|2020-09-24|EPI_ISL_580403|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/JU-ETHZ-100120/2020|2020-03-16|EPI_ISL_451704|Original|hCoV-19^^Jura|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1AB965/2020|2020-04-21|EPI_ISL_470327|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1BC03/2020|2020-11-01|EPI_ISL_645661|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B09C62/2020|2020-10-30|EPI_ISL_673112|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2373/2020|2020-04-13|EPI_ISL_484578|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-A7679D/2020|2020-10-13|EPI_ISL_613328|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96DD7A/2020|2020-08-21|EPI_ISL_530708|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C48DDC/2020|2020-12-12|EPI_ISL_736670|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12061/2020|2020-11-23|EPI_ISL_791393|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/20178051104/2020|2020-04-22|EPI_ISL_465423|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B53944/2020|2020-11-08|EPI_ISL_656972|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1953/2020|2020-06-03|EPI_ISL_497381|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-S1318/2020|2020-05-15|EPI_ISL_495768|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Switzerland/UR-ETHZ-120171/2020|2020-04-26|EPI_ISL_468249|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-1106/2020|2020-03-09|EPI_ISL_614431|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/5A4S4A10/2020|2020-04-05|EPI_ISL_481688|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Germany/HH-hpi-p2156/2020|2020-03-27|EPI_ISL_776388|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-C3BDEB/2020|2020-12-10|EPI_ISL_731883|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2429/2020|2020-06-14|EPI_ISL_497061|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/CVR54/2020|2020-03-13|EPI_ISL_425783|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-4AC776/2020|2020-06-14|EPI_ISL_559511|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2236/2020|2020-11-16|EPI_ISL_728006|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Russia/MUR-RII-MH6258S/2020|2020-11-13|EPI_ISL_733365|Original|hCoV-19^^Murmansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/LEED-2A9DA6/2020|2020-03-26|EPI_ISL_538963|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2569/2020|2020-08-20|EPI_ISL_667254|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Netherlands/NA_76/2020|2020-03-08|EPI_ISL_422836|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/PAC-IHU-0040/2020|2020-03-18|EPI_ISL_569264|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Scotland/CVR1440/2020|2020-04-01|EPI_ISL_438809|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-6019/2020|2020-07-00|EPI_ISL_689131|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-2655/2020|2020-08-17|EPI_ISL_617875|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13156/2020|2020-08-26|EPI_ISL_788307|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14232/2020|2020-11-30|EPI_ISL_711108|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/UGent-202/2020|2020-10-22|EPI_ISL_717610|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/ALDP-98054C/2020|2020-08-06|EPI_ISL_526347|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-C2F904/2020|2020-12-07|EPI_ISL_733894|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AF4F8/2020|2020-04-14|EPI_ISL_478746|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-935D8A/2020|2020-06-21|EPI_ISL_552977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/1LS1D7/2020|2020-10-01|EPI_ISL_757355|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-48E358/2020|2020-11-11|EPI_ISL_680845|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/DRC/5538/2020|2020-05-05|EPI_ISL_514120|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-HMH-MCoV-13973/2020|2020-08-16|EPI_ISL_787264|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-36BE2/2020|2020-05-01|EPI_ISL_474775|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20804/2020|2020-12-22|EPI_ISL_790863|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-A0B2BA/2020|2020-09-30|EPI_ISL_599272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0726-IPL/2020|2020-05-14|EPI_ISL_483327|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20132104104/2020|2020-03-24|EPI_ISL_423837|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9B8217/2020|2020-09-10|EPI_ISL_568265|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-19241/2020|2020-09-08|EPI_ISL_547799|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Spain/PV-IBV-004204/2020|2020-04-03|EPI_ISL_510489|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-9CC438/2020|2020-09-16|EPI_ISL_573106|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC72/2020|2020-03-18|EPI_ISL_420588|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/VA_NIDDL_3090/2020|2020-04-08|EPI_ISL_491930|Original|hCoV-19^^Virginia|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/England/LIVE-992AC/2020|2020-04-08|EPI_ISL_439707|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2618/2021|2021-01-03|EPI_ISL_791135|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Norway/Trondheim-S4/2020|2020-03-25|EPI_ISL_450346|Vero|hCoV-19^^Trondheim|Human|St.Olavs hospital/NTNU|Institute of Genomics Core Facility|Ianevski|Norway

>Spike|hCoV-19/Japan/PG-5504/2020|2020-08-00|EPI_ISL_690606|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-8457/2020|2020-09-00|EPI_ISL_687556|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-49F530/2020|2020-05-22|EPI_ISL_559457|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B3037C/2020|2020-11-04|EPI_ISL_660048|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4557/2020|2020-09-21|EPI_ISL_621354|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9EC308/2020|2020-09-23|EPI_ISL_580618|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3727/2020|2020-07-21|EPI_ISL_548449|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Chile/BI-199845/2020|2020-10-07|EPI_ISL_746513|Original|hCoV-19^^Biobio|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/MI-QDX-1123/2020|2020-03-21|EPI_ISL_571853|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-49C08D/2020|2020-12-07|EPI_ISL_742502|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Greece/215_34644/2020|2020-03-16|EPI_ISL_437884|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Denmark/DCGC-20789/2020|2020-12-21|EPI_ISL_759364|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-6D6A0F/2020|2020-07-02|EPI_ISL_556162|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20342/2020|2020-12-03|EPI_ISL_723464|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-UCLA-162/2020|2020-04-08|EPI_ISL_537501|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Luxembourg/LNS8803242/2020|2020-11-12|EPI_ISL_744810|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S2143/2020|2020-06-08|EPI_ISL_497571|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310420/2020|2020-10-08|EPI_ISL_603494|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-DSHS-1148/2020|2020-07-03|EPI_ISL_634951|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Belgium/ULG-10827/2020|2020-11-13|EPI_ISL_661247|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WI-UW-356/2020|2020-04-14|EPI_ISL_450710|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-410136/2020|2020-12-17|EPI_ISL_737664|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-AC8B81/2020|2020-10-21|EPI_ISL_629720|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0984/2020|2020-06-08|EPI_ISL_517874|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-95D7BB/2020|2020-06-19|EPI_ISL_556282|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9573AE/2020|2020-06-12|EPI_ISL_553898|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB207C/2020|2020-10-23|EPI_ISL_623653|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C4899C/2020|2020-12-12|EPI_ISL_736585|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5008/2020|2020-05-15|EPI_ISL_493932|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-BB021D/2020|2020-11-18|EPI_ISL_719993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4653/2020|2020-12-16|EPI_ISL_763779|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B7C1B6/2020|2020-11-14|EPI_ISL_668184|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1300AC/2020|2020-04-11|EPI_ISL_492681|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/7029/2020|2020-12-11|EPI_ISL_775270|Original|hCoV-19^^Viken|Human|Akershus University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/QEUH-96C1BB/2020|2020-08-13|EPI_ISL_530812|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-A466E4/2020|2020-10-05|EPI_ISL_609302|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4154/2020|2020-08-31|EPI_ISL_540839|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-82AAE/2020|2020-00-00|EPI_ISL_438655|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-004130/2020|2020-04-30|EPI_ISL_510062|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-UW-2005/2020|2020-09-10|EPI_ISL_677413|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/South Africa/KRISP-K002454/2020|2020-07-13|EPI_ISL_518040|Original|hCoV-19^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/England/MILK-99DB95/2020|2020-08-30|EPI_ISL_550527|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-73466/2020|2020-03-23|EPI_ISL_440086|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/ALDP-952BBA/2020|2020-06-13|EPI_ISL_555350|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/PA-0234/2020|2020-04-03|EPI_ISL_470608|Original|hCoV-19^Par\u00e9|Human|Hermes Pardini|Bioinformatics Laboratory / LNCC|Almeida|Brazil
>Spike|hCoV-19/USA/LA-EVTL334/2020|2020-05-20|EPI_ISL_578740|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/England/MILK-A064B9/2020|2020-09-30|EPI_ISL_600043|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/MB-NML-823/2020|2020-07-14|EPI_ISL_582320|Original|hCoV-19^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada
>Spike|hCoV-19/Scotland/EDB5470/2020|2020-04-25|EPI_ISL_461745|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC22192/2020|2020-10-18|EPI_ISL_614243|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/England/CAMB-78328/2020|2020-04-04|EPI_ISL_433718|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-2141/2020|2020-05-21|EPI_ISL_545141|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-B83A66/2020|2020-11-14|EPI_ISL_675325|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Portugal/PT1554/2020|2020-06-26|EPI_ISL_693567|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/England/CAMC-B3432D/2020|2020-11-05|EPI_ISL_659469|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-2A5F2/2020|2020-04-06|EPI_ISL_445593|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Portugal/PT1784/2020|2020-11-13|EPI_ISL_732013|Original|hCoV-19^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/England/QEUEH-B7E5C7/2020|2020-11-14|EPI_ISL_668106|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1AC64F/2020|2020-04-22|EPI_ISL_489560|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-12559C/2020|2020-03-28|EPI_ISL_443881|Original|hCoV-19^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Norway/4751/2020|2020-10-22|EPI_ISL_668403|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Japan/PG-2334/2020|2020-05-00|EPI_ISL_685939|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S1124/2020|2020-05-04|EPI_ISL_463614|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Hungary/US-55426w/2020|2020-10-02|EPI_ISL_677771|Original|hCoV-19^^B\u00e9k\u00e9s county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/MI-MDHHS-SC20885/2020|2020-05-18|EPI_ISL_471906|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-DSHS-0674/2020|2020-07-16|EPI_ISL_576327|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/ALAB-HH-150/2020|2020-03-19|EPI_ISL_452026|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Netherlands/NA_580/2020|2020-00-00|EPI_ISL_460744|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-12697/2020|2020-11-16|EPI_ISL_682878|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2F229/2020|2020-10-05|EPI_ISL_587183|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D6EB5/2020|2020-09-20|EPI_ISL_584333|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3598/2020|2020-08-31|EPI_ISL_616241|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUIH-9DCF07/2020|2020-09-22|EPI_ISL_601111|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL84/2020|2020-03-31|EPI_ISL_454368|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/USA/OR-OHSU-1777/2020|2020-07-25|EPI_ISL_526025|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WA-UW-195/2020|2020-03-08|EPI_ISL_570983|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-49685E/2020|2020-11-20|EPI_ISL_726645|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13642/2020|2020-11-30|EPI_ISL_712930|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CL-ISCIII-2016156/2020|2020-10-09|EPI_ISL_691685|Original|hCoV-19^^Castilla y Leon|Human|Hospital de Leon|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Northern Ireland/QEUIH-969804/2020|2020-08-14|EPI_ISL_531095|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR6062/2020|2020-11-30|EPI_ISL_724211|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/NSW2495/2020|2020-06-30|EPI_ISL_527024|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/USA/CA-CZB-12827/2020|2020-10-18|EPI_ISL_648477|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/EDB10194/2020|2020-10-07|EPI_ISL_680495|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-190054/2020|2020-07-09|EPI_ISL_500915|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S1693/2020|2020-05-31|EPI_ISL_496119|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-CC0589/2020|2020-12-19|EPI_ISL_760745|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/771/2020|2020-07-15|EPI_ISL_509381|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Japan/TK-YE615178/2020|2020-05-00|EPI_ISL_486902|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/Singapore/969/2020|2020-03-22|EPI_ISL_548977|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-16DAF3/2020|2020-09-18|EPI_ISL_577490|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-11CC0C/2020|2020-11-19|EPI_ISL_665562|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DCF0/2020|2020-10-04|EPI_ISL_586868|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7886/2020|2020-07-00|EPI_ISL_686987|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/QC-LSPQ-L00237242/2020|2020-03-25|EPI_ISL_536169|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Scotland/QEUA-A0B760/2020|2020-10-01|EPI_ISL_599415|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2738/2020|2020-06-05|EPI_ISL_545517|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B23682/2020|2020-11-04|EPI_ISL_647011|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR100/2020|2020-03-14|EPI_ISL_425647|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-9B47A3/2020|2020-09-04|EPI_ISL_590395|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Romania/284371/2020|2020-05-13|EPI_ISL_455477|Original|hCoV-19^^Bucuresti|Human|Laboratory for Respiratory Viruses|Cantacuzino Institute|Lazar|Romania

>Spike|hCoV-19/USA/NY-NYUMC752/2020|2020-03-26|EPI_ISL_451466|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7563/2020|2020-11-00|EPI_ISL_740724|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/UT-UPHL-03127/2020|2020-05-06|EPI_ISL_575262|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/rega-0721841/2020|2020-07-21|EPI_ISL_734811|Original|hCoV-19^^Erpe-mere|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/VIC2469/2020|2020-06-28|EPI_ISL_522172|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3295/2020|2020-07-07|EPI_ISL_520974|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-0253/2020|2020-05-04|EPI_ISL_480904|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-9E924A/2020|2020-09-24|EPI_ISL_584195|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5326/2020|2020-09-14|EPI_ISL_615257|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47CFA4/2020|2020-10-05|EPI_ISL_586079|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-92DE19/2020|2020-06-22|EPI_ISL_553700|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D1936-8209/2020|2020-09-24|EPI_ISL_753785|Original|hCoV-19^^Berlin|Human|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Charit\u00e99 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-A7AD6A/2020|2020-10-15|EPI_ISL_606413|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7E9AD/2020|2020-11-14|EPI_ISL_667927|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10245/2020|2020-05-20|EPI_ISL_672271|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12821/2020|2020-08-19|EPI_ISL_790548|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-2421/2020|2020-08-10|EPI_ISL_617603|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/PRI-RII-MH755S/2020|2020-08-09|EPI_ISL_733007|Original|hCoV-19^^Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/CVR3085/2020|2020-04-25|EPI_ISL_439026|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-AC5E4F/2020|2020-10-14|EPI_ISL_631081|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-30118-01/2020|2020-03-26|EPI_ISL_676765|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/BRIS-12C7EA/2020|2020-05-12|EPI_ISL_469492|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3071/2020|2020-00-00|EPI_ISL_579409|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Australia/NSW15/2020|2020-03-03|EPI_ISL_417383|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Eden|Australia

>Spike|hCoV-19/USA/CA-CDPH161/2020|2020-06-24|EPI_ISL_754976|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/MILK-9A5356/2020|2020-09-03|EPI_ISL_550008|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D2575-2/2020|2020-05-06|EPI_ISL_527467|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/MA-MASPHL-00774/2020|2020-09-25|EPI_ISL_692921|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/TX-HMH-5477/2020|2020-06-25|EPI_ISL_544802|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/SC-20-0946-T10/2020|2020-06-20|EPI_ISL_516750|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/England/ALDP-B744F1/2020|2020-11-12|EPI_ISL_662060|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B846AD/2020|2020-11-15|EPI_ISL_675330|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Zeeland_17/2020|2020-03-24|EPI_ISL_461255|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-1086BA/2020|2020-09-10|EPI_ISL_585194|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00490/2020|2020-05-02|EPI_ISL_693077|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/IC-0199/2020|2020-07-00|EPI_ISL_667628|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/ZH-ETHZ-101171/2020|2020-03-31|EPI_ISL_451834|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUIH-BC3736/2020|2020-11-25|EPI_ISL_703986|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-AD5C42/2020|2020-10-26|EPI_ISL_634529|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10819/2020|2020-07-08|EPI_ISL_583069|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/France/OCC-SC562/2020|2020-04-21|EPI_ISL_645208|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-4827D0/2020|2020-10-20|EPI_ISL_613244|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0578/2020|2020-04-00|EPI_ISL_684194|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3088/2020|2020-07-04|EPI_ISL_520795|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-6666/2020|2020-06-24|EPI_ISL_546157|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-77927/2020|2020-03-31|EPI_ISL_439470|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/TAS251/2020|2020-04-23|EPI_ISL_522679|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/MILK-9C412A/2020|2020-09-07|EPI_ISL_575986|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10736/2020|2020-09-03|EPI_ISL_563060|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6914/2020|2020-09-00|EPI_ISL_687621|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204200163/2020|2020-10-09|EPI_ISL_609871|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20283/2020|2020-03-27|EPI_ISL_447081|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-QDX-1033/2020|2020-03-17|EPI_ISL_571698|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-12B44E/2020|2020-05-25|EPI_ISL_487544|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/BO-CV337/2020|2020-05-01|EPI_ISL_730004|Original|hCoV-19^^Borno State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/CAMC-A66745/2020|2020-10-11|EPI_ISL_626888|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DA32/2020|2020-10-06|EPI_ISL_586772|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovenia/5716/2020|2020-03-11|EPI_ISL_635223|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/NORW-EBAD0/2020|2020-05-06|EPI_ISL_457475|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2571/2020|2020-03-23|EPI_ISL_579302|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/WI-UW-1532/2020|2020-09-10|EPI_ISL_605410|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-22380/2020|2020-12-14|EPI_ISL_757527|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_95/2020|2020-04-29|EPI_ISL_774902|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/204961127/2020|2020-12-03|EPI_ISL_700637|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16231/2020|2020-10-28|EPI_ISL_785915|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9F7908/2020|2020-09-27|EPI_ISL_589049|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-26865/2020|2020-09-02|EPI_ISL_570579|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/BS-ETHZ-360014/2020|2020-11-12|EPI_ISL_693873|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-2949/2020|2020-04-00|EPI_ISL_691075|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB3365/2020|2020-04-09|EPI_ISL_487916|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-CB7D14/2020|2020-12-18|EPI_ISL_777852|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483A9A/2020|2020-10-21|EPI_ISL_627889|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1709/2020|2020-04-02|EPI_ISL_572270|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-AF5408/2020|2020-10-30|EPI_ISL_663132|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036457442/2020|2020-10-15|EPI_ISL_610049|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Tunisia/58412/2020|2020-11-02|EPI_ISL_654018|Original|hCoV-19^^Ben Arous|Human|Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/USA/MI-MDHHS-SC20554/2020|2020-03-24|EPI_ISL_460602|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC9593/2020|2020-08-23|EPI_ISL_562684|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4A43E3/2020|2020-12-16|EPI_ISL_764689|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-0517554/2020|2020-05-17|EPI_ISL_734738|Original|hCoV-19^^Westerlo|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Germany/HH-hpi-p2159/2020|2020-03-28|EPI_ISL_776391|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/QEUA-AF5268/2020|2020-10-30|EPI_ISL_663047|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B7DAE/2020|2020-09-04|EPI_ISL_590556|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32ABC/2020|2020-04-15|EPI_ISL_474392|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17374/2020|2020-12-14|EPI_ISL_750513|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0154/2020|2020-04-09|EPI_ISL_437787|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-ALSR-4409/2020|2020-10-27|EPI_ISL_649013|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/MILK-A46F9E/2020|2020-10-06|EPI_ISL_598391|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3716/2020|2020-08-31|EPI_ISL_615494|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-944016/2020|2020-06-07|EPI_ISL_554667|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11493A/2020|2020-10-09|EPI_ISL_584756|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LIVE-DC1F4D/2020|2020-11-20|EPI_ISL_679398|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC12463/2020|2020-07-30|EPI_ISL_640668|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-08762/2020|2020-08-14|EPI_ISL_525348|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-7800/2020|2020-10-19|EPI_ISL_618746|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C743D/2020|2020-09-08|EPI_ISL_573304|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-MPT64850/2020|2020-04-05|EPI_ISL_767764|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/QEUEH-B82092/2020|2020-11-14|EPI_ISL_668268|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-964FC8/2020|2020-08-13|EPI_ISL_531148|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E6EF/2020|2020-09-29|EPI_ISL_585757|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00039/2020|2020-12-20|EPI_ISL_765987|Original|hCoV-19^^California|Human|UCLA Clinical Micro Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000840/2020|2020-03-29|EPI_ISL_632217|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LOND-DA96E/2020|2020-11-05|EPI_ISL_724674|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/NA_407/2020|2020-03-18|EPI_ISL_455209|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/SO-ETHZ-410048/2020|2020-12-17|EPI_ISL_737786|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/EXET-135CEF/2020|2020-03-29|EPI_ISL_457156|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/NSW1165/2020|2020-11-02|EPI_ISL_639733|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-B560E2/2020|2020-11-05|EPI_ISL_658350|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205141161/2020|2020-12-16|EPI_ISL_762995|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/England/EXET-13EA73/2020|2020-12-13|EPI_ISL_764182|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC16075/2020|2020-08-03|EPI_ISL_640786|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16A883/2020|2020-09-11|EPI_ISL_560116|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-7974DE/2020|2020-07-15|EPI_ISL_533217|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5B1C/2020|2020-09-11|EPI_ISL_567552|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15288/2020|2020-11-23|EPI_ISL_713308|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-16170/2020|2020-03-29|EPI_ISL_508904|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/NORT-29D507/2020|2020-05-08|EPI_ISL_488104|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20126009504/2020|2020-03-19|EPI_ISL_423886|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7382/2020|2020-07-00|EPI_ISL_688484|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LEED-2A8150/2020|2020-04-26|EPI_ISL_539039|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0289/2020|2020-03-26|EPI_ISL_579079|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Lebanon/S5_762/2020|2020-02-27|EPI_ISL_450512|Original|hCoV-19^^Beirut|Human|Rafik Hariri University Hospital|Rafik Hariri University Hospital|Feghali|Lebanon

>Spike|hCoV-19/Germany/NW-HHU-220/2020|2020-04-30|EPI_ISL_626219|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/MILK-AC94B2/2020|2020-10-21|EPI_ISL_630215|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D930/2020|2020-04-06|EPI_ISL_441702|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC13988/2020|2020-07-21|EPI_ISL_563911|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2D3BB8/2020|2020-04-19|EPI_ISL_499314|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-9D95AE/2020|2020-09-18|EPI_ISL_576742|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1663/2020|2020-04-22|EPI_ISL_468606|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/ALDP-951AFA/2020|2020-06-10|EPI_ISL_555468|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C8439/2020|2020-05-20|EPI_ISL_568863|Original|hCoV-19^^Kwale|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Denmark/DCGC-3001/2020|2020-08-24|EPI_ISL_616777|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/24SS4A5/2020|2020-09-24|EPI_ISL_759831|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-971766/2020|2020-08-18|EPI_ISL_553090|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21145/2020|2020-03-31|EPI_ISL_507921|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/FL-BPHL-1203/2020|2020-07-22|EPI_ISL_541176|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUA-9F7AC9/2020|2020-09-27|EPI_ISL_589194|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489609/2020|2020-10-26|EPI_ISL_639595|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2698/2020|2020-06-22|EPI_ISL_497330|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15093/2020|2020-10-17|EPI_ISL_786577|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-486912/2020|2020-10-31|EPI_ISL_639090|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16966C/2020|2020-07-24|EPI_ISL_512492|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH2850S/2020|2020-09-24|EPI_ISL_733034|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/UT-UPHL-2012343311/2020|2020-07-27|EPI_ISL_745707|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/VA-DCLS-1443/2020|2020-08-18|EPI_ISL_572310|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-B628DC/2020|2020-11-09|EPI_ISL_656591|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13266/2020|2020-08-25|EPI_ISL_788415|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B9AED9/2020|2020-11-15|EPI_ISL_673849|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8C2CF/2020|2020-11-12|EPI_ISL_674302|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2152/2020|2020-03-27|EPI_ISL_776384|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-7297/2020|2020-10-12|EPI_ISL_619257|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-89EB77/2020|2020-07-26|EPI_ISL_532655|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_599/2020|2020-04-18|EPI_ISL_460762|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-19785/2020|2020-11-18|EPI_ISL_784123|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1B0271/2020|2020-05-02|EPI_ISL_459292|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S847/2020|2020-04-23|EPI_ISL_463337|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-A458A3/2020|2020-10-05|EPI_ISL_598681|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5806/2020|2020-07-20|EPI_ISL_518601|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-5448/2020|2020-06-24|EPI_ISL_544783|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/TG-CCMB-AC475/2020|2020-08-19|EPI_ISL_539727|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/ALDP-A92D20/2020|2020-10-19|EPI_ISL_611195|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDC-4752/2020|2020-06-17|EPI_ISL_535714|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-7344/2020|2020-10-12|EPI_ISL_619304|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3425/2020|2020-08-31|EPI_ISL_616187|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-QDX-2514/2020|2020-03-16|EPI_ISL_604870|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WA-UW-4632/2020|2020-03-28|EPI_ISL_460631|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-2737/2020|2020-08-17|EPI_ISL_616482|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14407/2020|2020-11-30|EPI_ISL_711749|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5107/2020|2020-06-29|EPI_ISL_544530|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C22F1E/2020|2020-12-06|EPI_ISL_733830|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4633/2020|2020-07-00|EPI_ISL_689770|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-SBU-A58444/2020|2020-04-25|EPI_ISL_602562|Original|hCoV-19^^New York|Human|Department of Microbiology and Immunology|Department of Microbiology and Immunology|Nascimento Conde|USA

>Spike|hCoV-19/Netherlands/NB-EMC-387/2020|2020-10-05|EPI_ISL_722592|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-5110/2020|2020-09-21|EPI_ISL_621648|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/24LS2A12/2020|2020-10-24|EPI_ISL_759824|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Netherlands/ZH-EMC-669/2020|2020-09-24|EPI_ISL_632509|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/OR-ILSCV29959/2020|2020-05-23|EPI_ISL_481132|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/VA_NIDDL_3089/2020|2020-04-08|EPI_ISL_491929|Original|hCoV-19^^Virginia|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/USA/MD-MDH-0524/2020|2020-12-01|EPI_ISL_778902|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/New Zealand/20CV0484/2020|2020-10-26|EPI_ISL_622817|Original|hCoV-19^^Waitemata|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Netherlands/GE-RIVM-10088/2020|2020-03-08|EPI_ISL_547460|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-2012528694/2020|2020-11-30|EPI_ISL_779309|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/ALDP-A84F2B/2020|2020-10-17|EPI_ISL_610622|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B7534E/2020|2020-11-12|EPI_ISL_662100|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8591/2020|2020-07-01|EPI_ISL_780639|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A23BDF/2020|2020-10-03|EPI_ISL_595105|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/ON-S1479/2020|2020-08-28|EPI_ISL_591114|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Switzerland/SO-ETHZ-390334/2020|2020-11-30|EPI_ISL_721890|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1BBA6F/2020|2020-11-17|EPI_ISL_679183|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-321470/2020|2020-10-14|EPI_ISL_603683|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/mink/Netherlands/NB-EMC-13-16/2020|2020-06-14|EPI_ISL_523013|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-21276/2020|2020-12-21|EPI_ISL_758825|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9931F7/2020|2020-08-27|EPI_ISL_552084|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-01926/2020|2020-03-25|EPI_ISL_508911|Original|hCoV-19^^Provence-Alpes-C\u00f4te d'Azur|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/CAMB-83BE6/2020|2020-04-16|EPI_ISL_443343|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-9A8414/2020|2020-09-02|EPI_ISL_550168|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8218/2020|2020-08-00|EPI_ISL_687317|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-53257/2020|2020-10-15|EPI_ISL_648154|Original|hCoV-19^^Sweden|Human|Stockholm|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-489AD0/2020|2020-10-26|EPI_ISL_652451|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE008/2020|2020-09-09|EPI_ISL_567997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8782/2020|2020-07-30|EPI_ISL_565191|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-97733F/2020|2020-07-24|EPI_ISL_550452|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DC022/2020|2020-09-21|EPI_ISL_601255|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1DDFC2/2020|2020-10-10|EPI_ISL_612114|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17224/2020|2020-12-14|EPI_ISL_750838|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/LAZ-INMI-127/2020|2020-12-18|EPI_ISL_746834|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/Northern Ireland/NIRE-FC438/2020|2020-04-12|EPI_ISL_459343|Original|hCoV-19^^Northern Ireland|Human|Regional Virus

Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13495/2020|2020-08-22|EPI_ISL_788624|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-C92D6A/2020|2020-12-16|EPI_ISL_762055|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16437/2020|2020-11-16|EPI_ISL_714766|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-UF4/2020|2020-03-27|EPI_ISL_447588|LLC-MK2|hCoV-19^^Florida|Human|Lednicky Lab|Lednicky lab|Elbadry|USA

>Spike|hCoV-19/England/CAMC-B3573F/2020|2020-11-05|EPI_ISL_659523|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-MaxCov0047-CSIR-IGIB/2020|2020-04-27|EPI_ISL_459949|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/Scotland/CVR1678/2020|2020-04-05|EPI_ISL_433652|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-A850DC/2020|2020-10-16|EPI_ISL_610318|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D740/2020|2020-11-09|EPI_ISL_704392|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC13353/2020|2020-07-29|EPI_ISL_563689|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0117/2020|2020-05-15|EPI_ISL_698307|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Australia/VIC2968/2020|2020-07-07|EPI_ISL_521798|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9C1F32/2020|2020-09-07|EPI_ISL_566579|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B95A16/2020|2020-11-13|EPI_ISL_674864|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-248/2020|2020-05-16|EPI_ISL_523371|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC2050/2020|2020-06-13|EPI_ISL_480754|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/NW-UBI-29/2020|2020-06-18|EPI_ISL_631283|Original|hCoV-19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/England/CAMC-BBBF39/2020|2020-11-21|EPI_ISL_705576|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2448/2020|2020-06-07|EPI_ISL_514851|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC2632/2020|2020-06-30|EPI_ISL_521478|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3878/2020|2020-07-00|EPI_ISL_692129|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Dominican Republic/ICGEB_UNIBE032.7/2020|2020-05-06|EPI_ISL_525469|Original|hCoV-19^^Dominican Republic|Human|Universidad Iberoamericana|International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform|Paulino-Ramirez|Dominican Republic

>Spike|hCoV-19/England/NOTT-1135DD/2020|2020-09-03|EPI_ISL_549365|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17296/2020|2020-12-14|EPI_ISL_750885|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-783/2020|2020-04-08|EPI_ISL_545653|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gibraltar/205121189/2020|2020-00-00|EPI_ISL_766319|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-AA4C79/2020|2020-10-21|EPI_ISL_630966|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49725F/2020|2020-11-26|EPI_ISL_726800|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-95DCDA/2020|2020-08-07|EPI_ISL_536974|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9873/2020|2020-11-09|EPI_ISL_669243|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1517/2020|2020-06-22|EPI_ISL_683432|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Russia/NVS-RII-MH1087V/2020|2020-07-22|EPI_ISL_596264|Vero|hCoV-19^^Novosibirsk|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMB-1AE08B/2020|2020-04-27|EPI_ISL_524586|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Saudi Arabia/477/2020|2020-02-03|EPI_ISL_489996|Original|hCoV-19^^Saudi Arabia|Human|King Fahad Medical City|King Fahad Medical City|Naeem|Saudi Arabia

>Spike|hCoV-19/England/MILK-6166F0/2020|2020-07-05|EPI_ISL_557812|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7015/2020|2020-10-12|EPI_ISL_619862|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8025/2020|2020-08-00|EPI_ISL_687126|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/EX-IBV-005010/2020|2020-03-13|EPI_ISL_510319|Original|hCoV-19^^Extremadura|Human|Hospital San Pedro de Alc ntara (C lceres)|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-2422/2020|2020-05-17|EPI_ISL_513843|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/MI-QDX-1145/2020|2020-03-23|EPI_ISL_571875|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9C5763/2020|2020-09-10|EPI_ISL_567879|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD0852/2020|2020-10-26|EPI_ISL_633836|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1765/2020|2020-03-20|EPI_ISL_424209|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-48BACF/2020|2020-11-03|EPI_ISL_666320|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0481/2020|2020-12-00|EPI_ISL_768690|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5473/2020|2020-09-21|EPI_ISL_620798|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/QEUA-B2E0A7/2020|2020-11-02|EPI_ISL_710996|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008796/2020|2020-09-21|EPI_ISL_654147|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-3573/2020|2020-08-24|EPI_ISL_616901|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A652BE/2020|2020-10-11|EPI_ISL_637475|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-9FA8BD/2020|2020-09-28|EPI_ISL_588117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A5069C/2020|2020-10-07|EPI_ISL_597760|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3352/2020|2020-09-17|EPI_ISL_635976|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49E5D7/2020|2020-12-07|EPI_ISL_743020|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1253/2020|2020-04-13|EPI_ISL_541149|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-4086/2020|2020-08-00|EPI_ISL_692327|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/MD-IBV-97010074/2020|2020-03-18|EPI_ISL_779760|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-14115/2020|2020-11-30|EPI_ISL_711578|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16954/2020|2020-12-14|EPI_ISL_750664|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-C5CAA1/2020|2020-12-14|EPI_ISL_769394|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8675312/2020|2020-10-19|EPI_ISL_744784|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/South Korea/KDCA0325/2020|2020-10-20|EPI_ISL_760111|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/BRIS-1229DF/2020|2020-04-03|EPI_ISL_440781|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B37533/2020|2020-11-05|EPI_ISL_645449|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1241/2020|2020-04-14|EPI_ISL_454661|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Denmark/DCGC-2454/2020|2020-08-03|EPI_ISL_617414|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-62CD98/2020|2020-07-05|EPI_ISL_557954|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2961/2020|2020-08-02|EPI_ISL_549090|Original|hCoV-19^^Viken|Human|Akershus University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Ghana/84484_S16/2020|2020-05-25|EPI_ISL_515112|Original|hCoV-19^^Ghana|Human|Department of Biochemistry|WACCBIP|Amuzu|Ghana

>Spike|hCoV-19/Estonia/ChVir4293/2020|2020-03-00|EPI_ISL_457731|Original|hCoV-19^^Estonia|Human|SYNLAB Eesti OU\u0308|Charite Universitatsmedizin Berlin|Muehlemann|Estonia

>Spike|hCoV-19/England/ALDP-BBB0BE/2020|2020-11-20|EPI_ISL_701692|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC39/2020|2020-04-29|EPI_ISL_444470|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/PORT-2D13B2/2020|2020-03-25|EPI_ISL_479191|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Japan/PG-0825/2020|2020-03-00|EPI_ISL_684435|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47D37A/2020|2020-10-05|EPI_ISL_586133|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B56C84/2020|2020-11-05|EPI_ISL_656807|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0368/2020|2020-03-19|EPI_ISL_454084|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/United Arab Emirates/L920643384/2020|2020-04-05|EPI_ISL_520731|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/USA/CA-ALSR-0705-SAN/2020|2020-03-29|EPI_ISL_483314|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Russia/StPetersburg-RII11292S/2020|2020-05-01|EPI_ISL_507252|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUH-963CC2/2020|2020-08-11|EPI_ISL_531521|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2617/2020|2020-06-20|EPI_ISL_497249|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NY-NYUMC914/2020|2020-05-08|EPI_ISL_467407|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-7EAC3/2020|2020-04-06|EPI_ISL_442530|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1401/2020|2020-04-19|EPI_ISL_468381|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Wales/PHWC-31A71/2020|2020-04-12|EPI_ISL_446521|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B6852A/2020|2020-11-11|EPI_ISL_655000|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20109040104/2020|2020-03-06|EPI_ISL_464557|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC300b/2020|2020-06-15|EPI_ISL_495045|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/VIC9880/2020|2020-07-14|EPI_ISL_565761|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MD-MDH-0127/2020|2020-07-04|EPI_ISL_524892|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Scotland/QEUH-BCC2D2/2020|2020-11-27|EPI_ISL_710762|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-100341/2020|2020-03-19|EPI_ISL_574923|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/204441524/2020|2020-10-19|EPI_ISL_622880|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15317/2020|2020-11-23|EPI_ISL_713761|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG640820/2020|2020-04-27|EPI_ISL_695776|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-21426/2020|2020-12-21|EPI_ISL_757730|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1620/2020|2020-05-27|EPI_ISL_496046|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/LOND-1263868/2020|2020-11-04|EPI_ISL_705268|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Brazil/PA-0230/2020|2020-04-02|EPI_ISL_470604|Original|hCoV-19^^Par\u00e1|Human|Hermes Pardini|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-B746FB/2020|2020-11-12|EPI_ISL_662079|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A64F03/2020|2020-10-11|EPI_ISL_608688|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Pakistan/JRCGR-KHI10/2020|2020-06-14|EPI_ISL_779270|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/USA/CA-CZB-14688/2020|2020-11-16|EPI_ISL_739230|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-270213/2020|2020-08-30|EPI_ISL_541459|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/BRIS-12322E/2020|2020-04-05|EPI_ISL_442783|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/EXET-13A42E/2020|2020-11-06|EPI_ISL_664184|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B32D21/2020|2020-11-06|EPI_ISL_659465|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2011193717/2020|2020-11-18|EPI_ISL_771252|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Japan/PG-1961/2020|2020-04-00|EPI_ISL_685567|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-B0A4D/2020|2020-04-16|EPI_ISL_478929|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-3059/2020|2020-04-00|EPI_ISL_691182|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0945/2020|2020-07-03|EPI_ISL_602243|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/UT-UPHL-2012742622/2020|2020-08-10|EPI_ISL_745822|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LIVE-A8082/2020|2020-03-26|EPI_ISL_517110|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC2832/2020|2020-07-03|EPI_ISL_521663|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15121/2020|2020-11-23|EPI_ISL_713139|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/HI-H200656/2020|2020-12-01|EPI_ISL_753179|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/EXET-1356D2/2020|2020-04-12|EPI_ISL_457087|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B7AB50/2020|2020-11-12|EPI_ISL_741164|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200186/2020|2020-04-08|EPI_ISL_578411|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMC-9DF9D9/2020|2020-09-21|EPI_ISL_576921|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2163/2020|2020-04-12|EPI_ISL_468865|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-3720/2020|2020-06-04|EPI_ISL_636164|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CO-CDPHE-2003100027/2020|2020-03-08|EPI_ISL_677278|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Denmark/DCGC-5729/2020|2020-09-28|EPI_ISL_621234|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-2A488C/2020|2020-09-11|EPI_ISL_573386|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00050/2020|2020-04-02|EPI_ISL_791550|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/NOTT-114D6B/2020|2020-10-11|EPI_ISL_584769|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-AA190C/2020|2020-10-21|EPI_ISL_624179|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00646/2020|2020-05-14|EPI_ISL_692985|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/QEUA-BA073F/2020|2020-11-18|EPI_ISL_719612|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WY-WYPHL-20011372/2020|2020-04-30|EPI_ISL_539802|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/IL-NM-0184/2020|2020-03-24|EPI_ISL_626375|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Scotland/QEUA-A4B45E/2020|2020-10-08|EPI_ISL_637832|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/OXON-B4D8C/2020|2020-04-23|EPI_ISL_535014|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LEED-2A8F38/2020|2020-04-04|EPI_ISL_539027|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0274/2020|2020-03-22|EPI_ISL_579067|Original|hCoV-19^^Hawkes Bay|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-B47EDB/2020|2020-11-07|EPI_ISL_649203|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1236/2020|2020-04-00|EPI_ISL_684846|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NM-DOH-2020318519/2020|2020-08-29|EPI_ISL_732735|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/UT-UPHL-2009592/2020|2020-07-18|EPI_ISL_605270|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-1166/2020|2020-03-16|EPI_ISL_614638|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-2933F8/2020|2020-06-18|EPI_ISL_499552|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust

/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2012332018/2020|2020-11-27|EPI_ISL_779302|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA
>Spike|hCoV-19/Denmark/DCGC-10651/2020|2020-11-02|EPI_ISL_670116|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-MCoV-13481/2020|2020-08-22|EPI_ISL_788610|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/India/TG-CDFD-C2603/2020|2020-06-18|EPI_ISL_528880|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core- Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India
>Spike|hCoV-19/England/ALDP-C395F4/2020|2020-12-09|EPI_ISL_731360|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B34DC5/2020|2020-11-05|EPI_ISL_659517|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14208/2020|2020-10-05|EPI_ISL_787493|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-6010/2020|2020-07-00|EPI_ISL_689123|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-13481/2020|2020-11-30|EPI_ISL_712317|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/India/MH-ACTREC-336/2020|2020-07-19|EPI_ISL_699985|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Japan/PG-7940/2020|2020-07-00|EPI_ISL_687041|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-19809/2020|2020-12-07|EPI_ISL_747801|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Portugal/PT0863/2020|2020-03-27|EPI_ISL_511122|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/Switzerland/BE-ETHZ-410220/2020|2020-12-14|EPI_ISL_737725|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/UT-01590/2020|2020-04-07|EPI_ISL_449831|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Australia/VIC289/2020|2020-03-22|EPI_ISL_419980|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/USA/TX-HMH-2961/2020|2020-06-08|EPI_ISL_543895|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-ALSR-1140/2020|2020-04-02|EPI_ISL_494385|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Netherlands/NB-EMC-222/2020|2020-07-03|EPI_ISL_523345|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/CAMC-BBC606/2020|2020-11-21|EPI_ISL_724161|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-1434/2020|2020-07-13|EPI_ISL_581556|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMC-C26615/2020|2020-12-07|EPI_ISL_782763|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0466/2020|2020-05-18|EPI_ISL_698636|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-AA31B7/2020|2020-10-22|EPI_ISL_630801|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20189182004/2020|2020-05-02|EPI_ISL_465577|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B396A/2020|2020-05-22|EPI_ISL_492198|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1851/2020|2020-10-05|EPI_ISL_602986|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-SEARCH-5405/2020|2020-11-30|EPI_ISL_755216|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-ALSR-0755-IPL/2020|2020-05-13|EPI_ISL_483335|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-UW-3012/2020|2020-03-27|EPI_ISL_486078|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B5C680/2020|2020-11-09|EPI_ISL_655679|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-278/2020|2020-03-16|EPI_ISL_436373|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Italy/APU-IZSPB_265PT/2020|2020-09-22|EPI_ISL_653784|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/USA/CA-ALSR-5115/2020|2020-12-03|EPI_ISL_730361|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-4179/2020|2020-07-00|EPI_ISL_692418|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9479AF/2020|2020-07-20|EPI_ISL_556526|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21763/2020|2020-08-11|EPI_ISL_529881|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/GE-EMC-237/2020|2020-00-00|EPI_ISL_523216|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-9926/2020|2020-11-09|EPI_ISL_669277|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BAA7F/2020|2020-11-12|EPI_ISL_664118|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/204261202/2020|2020-10-15|EPI_ISL_613577|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/SP-L9-CD138/2020|2020-03-25|EPI_ISL_476485|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da

Universidade de São Paulo|Instituto de Medicina Tropical da Universidade de São Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/VA-DCLS-0166/2020|2020-04-08|EPI_ISL_437799|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19616/2020|2020-11-19|EPI_ISL_783983|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-46997/2020|2020-12-11|EPI_ISL_756215|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR55/2020|2020-03-13|EPI_ISL_425784|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Brazil/MG-0211/2020|2020-03-14|EPI_ISL_470578|Original|hCoV-19^^Minas Gerais|Human|Hermes Pardini|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-524E52/2020|2020-06-02|EPI_ISL_559013|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-125/2020|2020-03-14|EPI_ISL_436220|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Hong Kong/VB20175856/2020|2020-08-14|EPI_ISL_539823|Original|hCoV-19^^Hong Kong|Human|Communicable Disease Branch|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/Australia/VIC4494/2020|2020-00-00|EPI_ISL_518905|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-1242/2020|2020-07-30|EPI_ISL_528661|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Portugal/PT0072/2020|2020-03-21|EPI_ISL_421475|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B3AAC8/2020|2020-11-01|EPI_ISL_706044|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-01874/2020|2020-04-13|EPI_ISL_470698|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-2296/2020|2020-05-15|EPI_ISL_545231|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20130033104/2020|2020-03-21|EPI_ISL_423599|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B04B88/2020|2020-10-24|EPI_ISL_651283|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-6279/2020|2020-08-00|EPI_ISL_689390|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-615/2020|2020-06-22|EPI_ISL_484990|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-CZB-1897/2020|2020-04-21|EPI_ISL_486196|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/MILK-BAFA73/2020|2020-11-17|EPI_ISL_783334|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CB59/2020|2020-12-10|EPI_ISL_731839|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1133/2020|2020-10-04|EPI_ISL_593745|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology

- Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/England/CAMB-78461/2020|2020-04-04|EPI_ISL_433735|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/USA/CA-CDPH073/2020|2020-07-02|EPI_ISL_755018|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA
>Spike|hCoV-19/Ecuador/USFQ-222/2020|2020-08-15|EPI_ISL_539791|Original|hCoV-19^^Loja|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador
>Spike|hCoV-19/England/205160985/2020|2020-12-17|EPI_ISL_766426|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2012842708/2020|2020-08-08|EPI_ISL_745803|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/ALDP-B25F2B/2020|2020-11-04|EPI_ISL_646736|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/ME-HETL-J0012/2020|2020-03-14|EPI_ISL_513425|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/USA/TX-HMH-5383/2020|2020-06-24|EPI_ISL_544735|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/VIC6583/2020|2020-07-17|EPI_ISL_521347|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Australia/VIC2163/2020|2020-00-00|EPI_ISL_480775|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Germany/BW-MVZ-LS-17/2020|2020-04-14|EPI_ISL_640235|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany
>Spike|hCoV-19/Denmark/DCGC-19553/2020|2020-12-07|EPI_ISL_749021|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/NORW-E8C37/2020|2020-04-13|EPI_ISL_448292|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Australia/QLD1194/2020|2020-03-26|EPI_ISL_639785|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia
>Spike|hCoV-19/Hong Kong/VM20121503/2020|2020-09-12|EPI_ISL_730591|Original|hCoV-19^^Hong Kong|Human|Princess Margaret Hospital|Hong Kong Department of Health|Mak|China
>Spike|hCoV-19/USA/VA-DCLS-0065/2020|2020-04-03|EPI_ISL_426472|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/Wales/PHWC-4819EA/2020|2020-10-19|EPI_ISL_613134|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-9CB509/2020|2020-09-16|EPI_ISL_575619|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-975568/2020|2020-08-21|EPI_ISL_552522|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-8561/2020|2020-10-26|EPI_ISL_625948|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/South Africa/KRISP-0388/2020|2020-07-01|EPI_ISL_487331|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-49A2A7/2020|2020-12-01|EPI_ISL_727521|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-10F9F6/2020|2020-04-05|EPI_ISL_432672|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B2201C/2020|2020-11-02|EPI_ISL_646028|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7B16D/2020|2020-10-15|EPI_ISL_607334|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B04CEF/2020|2020-10-24|EPI_ISL_652175|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-DBDB3/2020|2020-10-30|EPI_ISL_664606|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3367/2020|2020-08-31|EPI_ISL_616124|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19167/2020|2020-12-07|EPI_ISL_748525|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10456/2020|2020-11-02|EPI_ISL_669986|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CT-IBV-97009558/2020|2020-07-17|EPI_ISL_671855|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/EDB6475/2020|2020-06-11|EPI_ISL_478244|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC315a/2020|2020-06-17|EPI_ISL_495071|Original|hCoV-19^^Gujarat|Human|Department of MicroBiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Scotland/QEUH-9DE794/2020|2020-09-21|EPI_ISL_601194|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1631/2020|2020-03-17|EPI_ISL_603992|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUH-98F7DE/2020|2020-08-28|EPI_ISL_540367|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-78BF3/2020|2020-04-03|EPI_ISL_441151|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC17125/2020|2020-08-10|EPI_ISL_663747|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AK-PHL384/2020|2020-06-01|EPI_ISL_576111|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18288/2020|2020-11-17|EPI_ISL_784636|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-BA1200/2020|2020-11-18|EPI_ISL_672905|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8208/2020|2020-10-09|EPI_ISL_651520|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/QEUA-B0F76B/2020|2020-11-02|EPI_ISL_641662|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BA9E04/2020|2020-11-17|EPI_ISL_783321|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6196/2020|2020-11-30|EPI_ISL_775492|Original|hCoV-19^^Trondelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Israel/CVL-13-ngs/2020|2020-12-24|EPI_ISL_776622|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/TX-HMH-MCoV-9630/2020|2020-07-05|EPI_ISL_780191|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0045/2020|2020-03-24|EPI_ISL_515328|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/OXON-AE2B3/2020|2020-00-00|EPI_ISL_448679|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WV-QDX-1284/2020|2020-03-17|EPI_ISL_572053|Original|hCoV-19^^West Virginia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-DSHS-1913/2020|2020-07-11|EPI_ISL_751519|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/VA-DCLS-0602/2020|2020-03-29|EPI_ISL_526819|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-A9E7DB/2020|2020-10-20|EPI_ISL_611433|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15755/2020|2020-07-10|EPI_ISL_785439|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB5015/2020|2020-05-15|EPI_ISL_493935|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Peru/ICA-INS-109/2020|2020-05-04|EPI_ISL_536507|Original|hCoV-19^^Ica|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/Wales/PHWC-49E434/2020|2020-12-07|EPI_ISL_743001|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21551/2020|2020-03-19|EPI_ISL_516278|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC13478/2020|2020-08-02|EPI_ISL_592254|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E7DD2/2020|2020-09-24|EPI_ISL_637709|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-A86BD/2020|2020-03-27|EPI_ISL_517199|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-SCCPHD-UC181/2020|2020-03-16|EPI_ISL_435660|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/LIVE-9CFA2/2020|2020-04-05|EPI_ISL_449598|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/SHEF-D0959/2020|2020-04-18|EPI_ISL_462075|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-CECC91/2020|2020-12-20|EPI_ISL_781495|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6675E4/2020|2020-07-03|EPI_ISL_555530|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-112969/2020|2020-04-20|EPI_ISL_493567|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001209/2020|2020-11-02|EPI_ISL_745444|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/20096051104/2020|2020-02-26|EPI_ISL_464188|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B023FB/2020|2020-10-23|EPI_ISL_642880|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2285/2020|2020-05-07|EPI_ISL_545224|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-19222/2020|2020-12-07|EPI_ISL_748824|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/2829/2020|2020-06-29|EPI_ISL_493382|Original|hCoV-19^^Norway|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Portugal/PT1425/2020|2020-03-27|EPI_ISL_511384|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Canada/ON-UHTC-0286/2020|2020-07-22|EPI_ISL_569987|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Scotland/EDB2079/2020|2020-04-19|EPI_ISL_433178|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12980/2020|2020-08-28|EPI_ISL_788131|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9EA0F4/2020|2020-09-24|EPI_ISL_580196|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1446/2020|2020-04-08|EPI_ISL_549228|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/France/PAC-IHU-0502/2020|2020-04-03|EPI_ISL_569557|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Australia/VIC11937/2020|2020-09-10|EPI_ISL_563499|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Mexico/BCN-ALSR-4929/2020|2020-08-25|EPI_ISL_730218|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Iceland/300/2020|2020-03-18|EPI_ISL_417629|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1198/2020|2020-11-03|EPI_ISL_700496|Original|hCoV-19^Western Cape|Human|Conville CDC wc CVC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Australia/VIC3876/2020|2020-07-13|EPI_ISL_520589|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-52952/2020|2020-08-31|EPI_ISL_660426|Original|hCoV-19^Orebro|Human|Orebro klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/LIVE-A49C7/2020|2020-03-13|EPI_ISL_499879|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A66EB9/2020|2020-10-12|EPI_ISL_630597|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C6058/2020|2020-09-10|EPI_ISL_567768|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_09585059/2020|2020-04-00|EPI_ISL_467307|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-11472/2020|2020-11-02|EPI_ISL_670938|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21297/2020|2020-04-08|EPI_ISL_507552|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7588/2020|2020-11-00|EPI_ISL_740736|Original|hCoV-19^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Wales/PHWC-4880FD/2020|2020-11-01|EPI_ISL_639351|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10361/2020|2020-07-08|EPI_ISL_789435|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48D3FF/2020|2020-10-28|EPI_ISL_680621|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Romania/Suceava-5710/2020|2020-03-25|EPI_ISL_468139|Original|hCoV-19^Suceava|Human|[Romania|[Romania|Paraschiv|Romania

>Spike|hCoV-19/Netherlands/NA_9/2020|2020-03-09|EPI_ISL_415498|Original|hCoV-19^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A82C9F/2020|2020-10-12|EPI_ISL_610750|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL444/2020|2020-06-19|EPI_ISL_578848|Original|hCoV-19^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Czech Republic/NRL_7949/2020|2020-07-24|EPI_ISL_577624|Original|hCoV-19^Northern Bohemia Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/202822194/2020|2020-05-29|EPI_ISL_490250|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2766/2020|2020-07-15|EPI_ISL_635667|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/PA-MGEL-00262/2020|2020-04-18|EPI_ISL_681992|Original|hCoV-19^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/ALDP-A8633C/2020|2020-10-17|EPI_ISL_606259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL949/2020|2020-08-13|EPI_ISL_653640|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15072/2020|2020-10-18|EPI_ISL_786556|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9B898B/2020|2020-09-07|EPI_ISL_549790|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/3/2020|2020-03-13|EPI_ISL_417694|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Germany/HH-hpi-p2001/2020|2020-03-20|EPI_ISL_776318|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/LCST-24D6AB0/2020|2020-06-05|EPI_ISL_478328|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18128/2020|2020-12-14|EPI_ISL_749210|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-13046/2020|2020-11-30|EPI_ISL_712133|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17428/2020|2020-12-14|EPI_ISL_750975|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-14921/2020|2020-11-27|EPI_ISL_738782|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-2C6B1/2020|2020-03-31|EPI_ISL_445895|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-98EF5F/2020|2020-08-25|EPI_ISL_540358|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA373/2020|2020-10-20|EPI_ISL_605850|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/QEUA-9AEAA3/2020|2020-09-05|EPI_ISL_577272|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-BCC339/2020|2020-11-27|EPI_ISL_710769|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22486/2020|2020-12-14|EPI_ISL_757588|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9CA458/2020|2020-09-10|EPI_ISL_567383|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-794/2020|2020-10-14|EPI_ISL_632675|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/VA-DCLS-0251/2020|2020-04-20|EPI_ISL_452825|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/DRC/3947/2020|2020-04-25|EPI_ISL_471400|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/Italy/ABR-IZSGC-TE14162/2020|2020-04-09|EPI_ISL_435154|Original|hCoV-19^^Abruzzo|Human|SERVIZIO DI IGIENE E SANIT\u00c0 PUBBLICA ASL Teramo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\\Lorusso|Italy

>Spike|hCoV-19/USA/LA-EVTL188/2020|2020-05-21|EPI_ISL_574322|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/VIC5687/2020|2020-07-20|EPI_ISL_518493|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Mexico/ZAC-INDRE-70/2020|2020-08-21|EPI_ISL_576273|Original|hCoV-19^^Zacatecas|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/Denmark/DCGC-15191/2020|2020-11-23|EPI_ISL_713684|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Limburg_63/2020|2020-04-19|EPI_ISL_461049|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-3894/2020|2020-09-07|EPI_ISL_615613|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/ALAB-SSI-625/2020|2020-03-24|EPI_ISL_437005|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Brazil/RS-L19-CD390/2020|2020-04-01|EPI_ISL_476319|Original|hCoV-19^^Rio Grande do Sul|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/USA/TX-HMH-2512/2020|2020-06-03|EPI_ISL_545348|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-765/2020|2020-03-20|EPI_ISL_444894|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/MILK-B8DD27/2020|2020-11-13|EPI_ISL_674775|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S951/2020|2020-04-14|EPI_ISL_591268|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/UT-01986/2020|2020-04-16|EPI_ISL_452172|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-347FF/2020|2020-04-16|EPI_ISL_446978|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100220/2020|2020-03-17|EPI_ISL_574995|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC5998/2020|2020-07-20|EPI_ISL_518773|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-DSHS-0818/2020|2020-06-03|EPI_ISL_593561|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-CB689C/2020|2020-12-17|EPI_ISL_761246|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-10313/2020|2020-03-13|EPI_ISL_636539|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Switzerland/BL-ETHZ-360001/2020|2020-11-12|EPI_ISL_693861|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1B51F7/2020|2020-06-23|EPI_ISL_483915|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-MPW26026/2020|2020-04-11|EPI_ISL_767745|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Denmark/DCGC-22158/2020|2020-12-14|EPI_ISL_757821|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/SAP326/2020|2020-03-27|EPI_ISL_483104|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Northern Ireland/QEUIH-96AC52/2020|2020-08-17|EPI_ISL_531289|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10039/2020|2020-06-12|EPI_ISL_672196|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-A65D53/2020|2020-10-11|EPI_ISL_638018|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-945868/2020|2020-07-14|EPI_ISL_556818|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12233B/2020|2020-03-23|EPI_ISL_440094|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-341B5/2020|2020-04-18|EPI_ISL_446883|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A05E16/2020|2020-10-01|EPI_ISL_600051|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08840/2020|2020-04-11|EPI_ISL_475557|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-ABBE88/2020|2020-10-22|EPI_ISL_631086|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD971/2020|2020-04-11|EPI_ISL_530235|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Japan/PG-3523/2020|2020-06-00|EPI_ISL_691779|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC2235/2020|2020-06-23|EPI_ISL_521972|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MASPHL-00140/2020|2020-04-03|EPI_ISL_791613|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-489F77/2020|2020-11-03|EPI_ISL_652509|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-1B610D2/2020|2020-10-08|EPI_ISL_612549|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-4822C0/2020|2020-04-30|EPI_ISL_559674|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5724/2020|2020-04-10|EPI_ISL_473845|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-5CB50D/2020|2020-06-19|EPI_ISL_558528|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2429/2020|2020-08-10|EPI_ISL_617604|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Nigeria/OS-CV287/2020|2020-06-27|EPI_ISL_729968|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Spain/RI-IBV-005972/2020|2020-03-27|EPI_ISL_500406|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-CB753A/2020|2020-12-18|EPI_ISL_777906|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E12F7/2020|2020-09-21|EPI_ISL_577069|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0682/2020|2020-07-16|EPI_ISL_576335|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WI-UW-1298/2020|2020-08-31|EPI_ISL_536670|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-DSHS-2007/2020|2020-11-13|EPI_ISL_766744|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-9AAD9F/2020|2020-09-01|EPI_ISL_550958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW142/2020|2020-03-11|EPI_ISL_416680|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-CB5C82/2020|2020-12-17|EPI_ISL_761300|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19614/2020|2020-11-18|EPI_ISL_783553|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B9A4C8/2020|2020-11-15|EPI_ISL_673277|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A49AA9/2020|2020-10-08|EPI_ISL_628451|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-BB10D6/2020|2020-11-17|EPI_ISL_720519|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1471/2020|2020-03-16|EPI_ISL_603856|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUH-A48EAE/2020|2020-10-08|EPI_ISL_595935|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2434/2020|2020-03-13|EPI_ISL_604844|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/NOTT-10E1C2/2020|2020-03-20|EPI_ISL_425508|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16C827/2020|2020-09-22|EPI_ISL_572772|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16199/2020|2020-11-16|EPI_ISL_714135|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-1315/2020|2020-08-18|EPI_ISL_569114|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/CA-CZB-3925/2020|2020-07-25|EPI_ISL_548537|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-13139/2020|2020-10-26|EPI_ISL_672398|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-31EDF/2020|2020-04-06|EPI_ISL_446582|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13540/2020|2020-11-30|EPI_ISL_712328|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12A184/2020|2020-04-15|EPI_ISL_458349|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/72/2020|2020-03-08|EPI_ISL_417860|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-CEC94F/2020|2020-12-20|EPI_ISL_782259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036835872/2020|2020-11-07|EPI_ISL_728468|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NORT-29262D/2020|2020-05-12|EPI_ISL_489124|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-589/2020|2020-03-17|EPI_ISL_571327|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0144/2020|2020-05-02|EPI_ISL_515409|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Australia/VIC1450/2020|2020-04-20|EPI_ISL_562066|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3113/2020|2020-07-06|EPI_ISL_520820|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-1428/2020|2020-05-02|EPI_ISL_542719|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17139/2020|2020-12-14|EPI_ISL_750781|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1704/2020|2020-06-15|EPI_ISL_708612|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-B753D5/2020|2020-11-12|EPI_ISL_664923|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1776/2020|2020-04-13|EPI_ISL_590779|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/QEUA-964247/2020|2020-08-11|EPI_ISL_536891|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAF2A9/2020|2020-10-20|EPI_ISL_630883|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-945DD2/2020|2020-07-14|EPI_ISL_556644|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2875/2020|2020-08-04|EPI_ISL_635721|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/France/ARA-SC124/2020|2020-03-23|EPI_ISL_700388|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Canada/ON-S177/2020|2020-03-24|EPI_ISL_591120|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/VI-CDC-3849/2020|2020-04-01|EPI_ISL_451960|Original|hCoV-19^^Virgin Islands|Human|VI-US Virgin Islands Department of Health|Centers for Disease Control and Prevention|Queen|USA

>Spike|hCoV-19/Peru/LIM-INS-017/2020|2020-03-25|EPI_ISL_490316|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/Scotland/CVR4322/2020|2020-08-31|EPI_ISL_573773|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG371315/2020|2020-05-20|EPI_ISL_694567|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUA-963F7E/2020|2020-08-12|EPI_ISL_534377|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9524EC/2020|2020-06-09|EPI_ISL_555714|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-116523/2020|2020-12-05|EPI_ISL_745365|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-16523F/2020|2020-06-09|EPI_ISL_479437|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR4455/2020|2020-09-20|EPI_ISL_585320|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Israel/2089718/2020|2020-04-01|EPI_ISL_447366|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/Spain/VC-IBV-98003636/2020|2020-03-12|EPI_ISL_538641|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/CVR3394/2020|2020-05-09|EPI_ISL_456821|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5610/2020|2020-06-18|EPI_ISL_544901|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG519199/2020|2020-07-01|EPI_ISL_695369|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/EDB3228/2020|2020-04-07|EPI_ISL_488898|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48AF0D/2020|2020-11-04|EPI_ISL_665527|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-BB167A/2020|2020-11-17|EPI_ISL_720245|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL226/2020|2020-08-22|EPI_ISL_574360|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/PORT-2EE7C5/2020|2020-12-19|EPI_ISL_765148|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/CVR2473/2020|2020-04-14|EPI_ISL_477950|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2174/2020|2020-03-18|EPI_ISL_604441|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-48C86A/2020|2020-11-06|EPI_ISL_666477|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A858E3/2020|2020-10-17|EPI_ISL_610344|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20369/2020|2020-12-21|EPI_ISL_759110|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A51525/2020|2020-10-07|EPI_ISL_598209|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20602/2020|2020-12-21|EPI_ISL_758749|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1153/2020|2020-03-16|EPI_ISL_614650|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH0141/2020|2020-03-21|EPI_ISL_434840|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR209/2020|2020-03-19|EPI_ISL_438873|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000947/2020|2020-09-29|EPI_ISL_632985|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-484835/2020|2020-10-21|EPI_ISL_628050|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12480/2020|2020-11-16|EPI_ISL_682661|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D9A4E/2020|2020-08-26|EPI_ISL_584673|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMC-AEAE9F/2020|2020-10-26|EPI_ISL_633333|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-286C48/2020|2020-10-17|EPI_ISL_637322|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LOND-D71E1/2020|2020-04-11|EPI_ISL_478461|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F2C0/2020|2020-12-07|EPI_ISL_743192|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-13116C/2020|2020-05-20|EPI_ISL_467713|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV0063v2/2020|2020-04-10|EPI_ISL_644259|Original|hCoV-19^^Wicklow|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/VIC14148/2020|2020-09-02|EPI_ISL_591820|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-14363/2020|2020-07-09|EPI_ISL_739077|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Australia/VIC3457/2020|2020-07-06|EPI_ISL_521121|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-22292/2020|2020-12-14|EPI_ISL_758111|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000153/2020|2020-04-06|EPI_ISL_631689|Original|hCoV-19^^New York|Human|Lincoln Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMC-AB1C1F/2020|2020-10-21|EPI_ISL_623694|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FB078/2020|2020-09-29|EPI_ISL_588216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/North Macedonia/2175/2020|2020-06-02|EPI_ISL_514354|Original|hCoV-19^^Prilep|Human|General Hospital - Prilep|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/Finland/25LS6CF3/2020|2020-10-25|EPI_ISL_759914|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Germany/SH-ChVir20031/2020|2020-11-06|EPI_ISL_729630|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUEH-9F42E2/2020|2020-09-24|EPI_ISL_588713|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM41237673/2020|2020-11-30|EPI_ISL_753435|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Denmark/DCGC-19096/2020|2020-12-07|EPI_ISL_748756|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-15E3EB/2020|2020-05-12|EPI_ISL_472813|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-983303/2020|2020-07-20|EPI_ISL_529555|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-9696BF/2020|2020-08-14|EPI_ISL_531183|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-S84/2020|2020-05-26|EPI_ISL_508473|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/QEUEH-95F625/2020|2020-08-06|EPI_ISL_532333|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1257/2020|2020-05-13|EPI_ISL_495707|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A2E284/2020|2020-10-06|EPI_ISL_586591|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE34B/2020|2020-09-10|EPI_ISL_567898|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/237/2020|2020-04-03|EPI_ISL_462355|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-47D0A0/2020|2020-10-06|EPI_ISL_586094|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-SPL1/2020|2020-01-29|EPI_ISL_412974|Vero|hCoV-19^^Lazio|Human|Department of Infectious Diseases|Virology Laboratory|Florigio Lista|Italy

>Spike|hCoV-19/Ireland/WH-NVRL-20Z06323/2020|2020-04-17|EPI_ISL_671371|Original|hCoV-19^^Westmeath|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Switzerland/AG-ETHZ-270120/2020|2020-09-03|EPI_ISL_541410|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Senegal/6619/2020|2020-04-21|EPI_ISL_498230|Original|hCoV-19^^Dakar|Human|Institut Pasteur de Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/mink/Netherlands/NB-EMC-63-4/2020|2020-10-06|EPI_ISL_632484|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/ALDP-B24C07/2020|2020-11-04|EPI_ISL_711021|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C691A/2020|2020-04-02|EPI_ISL_441995|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-B950AB/2020|2020-11-13|EPI_ISL_673663|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01217/2020|2020-04-06|EPI_ISL_436904|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-9D1A5C/2020|2020-09-01|EPI_ISL_577298|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-53102F/2020|2020-05-18|EPI_ISL_532195|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7241/2020|2020-11-00|EPI_ISL_740632|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/England/ALDP-BC75FC/2020|2020-11-23|EPI_ISL_721251|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3236/2020|2020-04-26|EPI_ISL_449246|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-BC1880/2020|2020-11-21|EPI_ISL_702891|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-2059/2020|2020-03-07|EPI_ISL_452125|Original|hCoV-19^^Georgia|Human|Georgia Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMB-71FD0/2020|2020-03-27|EPI_ISL_439867|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-AD04A9/2020|2020-10-23|EPI_ISL_629913|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1145CD/2020|2020-10-05|EPI_ISL_577178|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B64C/2020|2020-09-15|EPI_ISL_573883|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1414/2020|2020-08-10|EPI_ISL_569156|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-MCoV-14968/2020|2020-10-15|EPI_ISL_786452|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K002343/2020|2020-07-23|EPI_ISL_515716|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B38532/2020|2020-11-01|EPI_ISL_658939|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6594/2020|2020-06-24|EPI_ISL_546112|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Chile/RM-208555/2020|2020-10-16|EPI_ISL_746772|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Denmark/DCGC-1151/2020|2020-03-16|EPI_ISL_614645|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-SURV0166/2020|2020-03-09|EPI_ISL_436053|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/MA-MASPHL-00380/2020|2020-06-04|EPI_ISL_693161|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Denmark/DCGC-8777/2020|2020-10-26|EPI_ISL_625692|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A1B5B/2020|2020-06-16|EPI_ISL_490354|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Senegal/64101/2020|2020-06-12|EPI_ISL_476516|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/Scotland/QEUA-AAE556/2020|2020-10-22|EPI_ISL_623933|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D26B/2020|2020-11-13|EPI_ISL_680596|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WY-CDC-2-3714476/2020|2020-12-04|EPI_ISL_751691|Original|hCoV-19^^Wyoming|Human|WY Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/QEUA-C8F5B3/2020|2020-12-08|EPI_ISL_777013|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A325FD/2020|2020-10-05|EPI_ISL_741760|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR6098/2020|2020-11-26|EPI_ISL_705731|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1369/2020|2020-06-30|EPI_ISL_507957|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-B7B5E8/2020|2020-11-12|EPI_ISL_741185|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Norway/2866/2020|2020-07-07|EPI_ISL_549122|Original|hCoV-19^^Innlandet|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/WA-UW-2548/2020|2020-03-30|EPI_ISL_477719|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000130/2020|2020-04-02|EPI_ISL_631621|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/PG-5179/2020|2020-08-00|EPI_ISL_690282|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-8117/2020|2020-06-30|EPI_ISL_784208|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7720E/2020|2020-04-02|EPI_ISL_439383|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB7990/2020|2020-09-28|EPI_ISL_585469|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15037/2020|2020-11-18|EPI_ISL_738867|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUA-A3378D/2020|2020-10-05|EPI_ISL_626923|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1638B7/2020|2020-04-27|EPI_ISL_474011|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6627/2020|2020-07-18|EPI_ISL_521387|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/1213/2020|2020-04-22|EPI_ISL_648629|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Germany/SH-ChVir20001/2020|2020-11-04|EPI_ISL_729625|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUA-AD1411/2020|2020-10-26|EPI_ISL_633770|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2DCE/2020|2020-09-10|EPI_ISL_566463|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15444/2020|2020-11-23|EPI_ISL_713165|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SG-ETHZ-240006/2020|2020-08-07|EPI_ISL_523861|Original|hCoV-19^^Sankt Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS4497782/2020|2020-11-11|EPI_ISL_740481|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B8435B/2020|2020-11-14|EPI_ISL_674374|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-4154/2020|2020-11-02|EPI_ISL_667530|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-49878C/2020|2020-12-02|EPI_ISL_727120|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-08209/2020|2020-03-16|EPI_ISL_475092|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/MILK-995BF7/2020|2020-08-25|EPI_ISL_551696|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2175/2020|2020-03-23|EPI_ISL_506969|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/LA-EVTL386/2020|2020-06-04|EPI_ISL_578792|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-9AED6E/2020|2020-09-03|EPI_ISL_573500|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1142/2020|2020-04-28|EPI_ISL_476727|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-CZB-14210/2020|2020-11-10|EPI_ISL_738757|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-91B607/2020|2020-06-22|EPI_ISL_551393|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4AC925/2020|2020-06-14|EPI_ISL_559554|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0988/2020|2020-03-23|EPI_ISL_511536|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-2571/2020|2020-06-00|EPI_ISL_690705|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-WSLH-200262/2020|2020-03-19|EPI_ISL_578472|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/TX-HMH-862/2020|2020-04-05|EPI_ISL_545879|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW167/2020|2020-03-22|EPI_ISL_427697|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW

Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/Ireland/D-NVRL-20G35301/2020|2020-03-20|EPI_ISL_605081|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland
>Spike|hCoV-19/Wales/PHWC-168348/2020|2020-04-18|EPI_ISL_494229|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-A93C22/2020|2020-10-19|EPI_ISL_611161|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB3323/2020|2020-04-08|EPI_ISL_487882|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC20440/2020|2020-03-13|EPI_ISL_452314|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/USA/FL-BPHL-1654/2020|2020-07-03|EPI_ISL_594343|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/BIRM-60833/2020|2020-06-19|EPI_ISL_483893|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-8168/2020|2020-06-30|EPI_ISL_783593|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-9E89CE/2020|2020-09-24|EPI_ISL_638065|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/QEUA-969CF9/2020|2020-08-11|EPI_ISL_530842|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUA-BA0F55/2020|2020-11-18|EPI_ISL_672801|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-18045/2020|2020-12-14|EPI_ISL_749278|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WY-WPHL-20168100/2020|2020-12-18|EPI_ISL_766784|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-14377/2020|2020-10-06|EPI_ISL_787662|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/BIRM-6A909/2020|2020-11-11|EPI_ISL_679099|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-6062/2020|2020-10-05|EPI_ISL_620256|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/LOND-D523B/2020|2020-04-14|EPI_ISL_449692|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/England/20134004704/2020|2020-03-24|EPI_ISL_423063|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/Scotland/EDB2094/2020|2020-04-18|EPI_ISL_433192|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/QEUA-C579A9/2020|2020-12-12|EPI_ISL_736330|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-B135D3/2020|2020-11-03|EPI_ISL_649617|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1368/2020|2020-03-16|EPI_ISL_572157|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Ukraine/Kharkiv-705/2020|2020-07-28|EPI_ISL_576146|Original|hCoV-19^^Kharkiv|Human|Department of Respiratory & Other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine|Department of Respiratory & Other Viral Infections of L.V. Gromashevsky Institute of Epidemiology & Infectious Diseases NAMS of Ukraine|Mironenko|Ukraine

>Spike|hCoV-19/Denmark/DCGC-20716/2020|2020-12-21|EPI_ISL_758763|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/GR-ETHZ-210045/2020|2020-07-23|EPI_ISL_510784|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/20129080804/2020|2020-03-21|EPI_ISL_424071|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4326/2020|2020-08-31|EPI_ISL_615526|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-4273/2020|2020-06-18|EPI_ISL_543485|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-1546/2020|2020-04-00|EPI_ISL_685152|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-K002776/2020|2020-08-21|EPI_ISL_529771|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Belgium/DPG-0325123/2020|2020-03-25|EPI_ISL_420380|Original|hCoV-19^^Jemappes|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/GCVR-172299/2020|2020-03-30|EPI_ISL_469954|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-47437/2020|2020-12-11|EPI_ISL_776726|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Jordan/SEARCH-5473/2020|2020-08-22|EPI_ISL_755254|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Wales/PHWC-34382/2020|2020-04-16|EPI_ISL_446910|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1EA25/2020|2020-10-01|EPI_ISL_598894|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5A4494/2020|2020-06-19|EPI_ISL_558854|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-119689/2020|2020-11-01|EPI_ISL_626740|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-734DF/2020|2020-03-21|EPI_ISL_440107|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486E40/2020|2020-10-27|EPI_ISL_639137|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C583E6/2020|2020-12-13|EPI_ISL_735984|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9B82BD/2020|2020-09-10|EPI_ISL_568235|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15976/2020|2020-07-10|EPI_ISL_785660|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6F67C/2020|2020-10-15|EPI_ISL_607666|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-407/2020|2020-04-01|EPI_ISL_738301|Original|hCoV-19^^Connecticut|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-11822/2020|2020-10-26|EPI_ISL_671155|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW169/2020|2020-03-20|EPI_ISL_427779|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WI-UW-2650/2020|2020-12-31|EPI_ISL_791165|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Australia/VIC4754/2020|2020-07-17|EPI_ISL_519142|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-11D825/2020|2020-11-10|EPI_ISL_665650|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-9AB192/2020|2020-08-31|EPI_ISL_551120|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5250/2020|2020-07-00|EPI_ISL_690353|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-B2EB00/2020|2020-11-04|EPI_ISL_659907|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20334/2020|2020-03-19|EPI_ISL_450613|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-596/2020|2020-09-18|EPI_ISL_578024|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9EDCC0/2020|2020-05-08|EPI_ISL_580648|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9D189E/2020|2020-09-16|EPI_ISL_572800|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/VIC11371/2020|2020-08-20|EPI_ISL_563347|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC22648/2020|2020-11-12|EPI_ISL_737262|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/GE-ETHZ-310529/2020|2020-10-08|EPI_ISL_603597|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-162F95/2020|2020-05-20|EPI_ISL_473227|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-20643/2020|2020-09-16|EPI_ISL_660809|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/NOTT-1106BF/2020|2020-04-23|EPI_ISL_441545|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18290/2020|2020-12-07|EPI_ISL_749867|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0937/2020|2020-06-15|EPI_ISL_602235|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC5188/2020|2020-07-20|EPI_ISL_519953|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB3005/2020|2020-04-03|EPI_ISL_487897|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-786A7/2020|2020-04-05|EPI_ISL_433762|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Canada/ON_QGLO-023/2020|2020-03-28|EPI_ISL_459879|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Center|Queen's Genomics Lab at Ongwanada (Q-GLO)|Sjaarda|Canada

>Spike|hCoV-19/South Korea/KDCA0231/2020|2020-10-08|EPI_ISL_759996|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/QEUH-C542B0/2020|2020-12-11|EPI_ISL_736325|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW3639/2020|2020-12-11|EPI_ISL_717706|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/USA/MN-MDH-2136/2020|2020-11-06|EPI_ISL_708474|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/CAMB-1B840A/2020|2020-10-19|EPI_ISL_638390|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC5694/2020|2020-07-18|EPI_ISL_518500|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A94483/2020|2020-10-20|EPI_ISL_624757|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22F88/2020|2020-11-02|EPI_ISL_647265|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480B21/2020|2020-10-18|EPI_ISL_612973|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW202/2020|2020-03-12|EPI_ISL_417351|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-3766/2020|2020-04-00|EPI_ISL_692019|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/APU-UniMI-4431/2020|2020-04-09|EPI_ISL_525559|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics)|Chiara|Italy

>Spike|hCoV-19/England/ALDP-C3964C/2020|2020-12-09|EPI_ISL_730760|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-287696-01/2020|2020-12-15|EPI_ISL_767470|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8999/2020|2020-07-02|EPI_ISL_780884|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-08539/2020|2020-05-18|EPI_ISL_524300|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Jordan/AM-ALSR-4992/2020|2020-10-04|EPI_ISL_730265|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Northern Ireland/NIRE-105310/2020|2020-03-28|EPI_ISL_461782|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036746097/2020|2020-11-02|EPI_ISL_682208|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Wales/PHWC-4A25EF/2020|2020-12-15|EPI_ISL_743914|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7AD88/2020|2020-10-15|EPI_ISL_606299|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5106/2020|2020-08-00|EPI_ISL_690215|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B425F9/2020|2020-11-08|EPI_ISL_657074|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13237/2020|2020-07-27|EPI_ISL_592216|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-000686/2020|2020-03-14|EPI_ISL_632103|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MI-UM-10033981968/2020|2020-04-21|EPI_ISL_578162|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1214/2020|2020-12-20|EPI_ISL_763284|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-UW-2016/2020|2020-03-24|EPI_ISL_424339|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/GCVR-170FC1/2020|2020-03-27|EPI_ISL_459698|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7066/2020|2020-07-21|EPI_ISL_564213|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-486CCE/2020|2020-10-31|EPI_ISL_639122|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DAE57/2020|2020-09-22|EPI_ISL_580952|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW902/2020|2020-08-25|EPI_ISL_544983|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology

- Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/CA-ALSR-0794-SAN/2020|2020-04-02|EPI_ISL_483362|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORW-222EC0/2020|2020-11-28|EPI_ISL_741544|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-955A41/2020|2020-06-12|EPI_ISL_555421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1093/2020|2020-04-07|EPI_ISL_433389|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-50/2020|2020-04-20|EPI_ISL_530053|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/LIVE-99628/2020|2020-04-08|EPI_ISL_439742|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96D33C/2020|2020-08-20|EPI_ISL_534547|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2656/2020|2020-12-31|EPI_ISL_791170|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Canada/NS-NML-1284/2020|2020-04-07|EPI_ISL_579668|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/India/TG-CCMB-AA527/2020|2020-08-12|EPI_ISL_539628|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/LIVE-A7EE3/2020|2020-03-26|EPI_ISL_517088|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Gibraltar/205000639/2020|2020-12-00|EPI_ISL_709974|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Switzerland/BS-42394001/2020|2020-08-13|EPI_ISL_581953|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Scotland/CVR752/2020|2020-03-26|EPI_ISL_433334|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORT-293826/2020|2020-07-06|EPI_ISL_499505|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/NSW2199/2020|2020-03-20|EPI_ISL_500660|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/Australia/VIC16545/2020|2020-08-10|EPI_ISL_641276|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/DE-DHSS-F918060/2020|2020-03-27|EPI_ISL_584014|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Netherlands/NB-EMC-327/2020|2020-10-07|EPI_ISL_632608|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR5888/2020|2020-11-17|EPI_ISL_705648|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4632/2020|2020-06-22|EPI_ISL_543770|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS2740659/2020|2020-12-29|EPI_ISL_771097|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/United Arab Emirates/L1758/2020|2020-03-10|EPI_ISL_435129|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/USA/IL-NM083/2020|2020-03-19|EPI_ISL_444574|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/WI-UW-1017/2020|2020-07-17|EPI_ISL_516443|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-49E346/2020|2020-12-07|EPI_ISL_742989|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6C8F0/2020|2020-11-11|EPI_ISL_655259|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012104383/2020|2020-11-24|EPI_ISL_746998|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Japan/PG-3168/2020|2020-06-00|EPI_ISL_691288|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-3787/2020|2020-04-00|EPI_ISL_692038|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16CDEC/2020|2020-09-23|EPI_ISL_574170|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Rotterdam_1364740/2020|2020-03-03|EPI_ISL_413584|Original|hCoV-19^^Rotterdam|Human|unknown|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-1819/2020|2020-06-22|EPI_ISL_738186|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Austria/CeMM0239/2020|2020-03-19|EPI_ISL_438069|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Wales/PHWC-16A6D4/2020|2020-09-12|EPI_ISL_560090|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-26CC4/2020|2020-03-28|EPI_ISL_422056|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Israel/13077823/2020|2020-04-04|EPI_ISL_447424|Original|hCoV-19^^South Coast District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/USA/MN-MDH-1925/2020|2020-10-12|EPI_ISL_613501|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Senegal/094/2020|2020-03-12|EPI_ISL_418213|Original|hCoV-19^^Diourbel|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/Denmark/DCGC-9997/2020|2020-11-09|EPI_ISL_668458|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3556/2020|2020-08-31|EPI_ISL_616349|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A8780F/2020|2020-10-17|EPI_ISL_606205|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG305956/2020|2020-04-29|EPI_ISL_694298|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-DSHS-0916/2020|2020-06-15|EPI_ISL_602214|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-94C61C/2020|2020-06-14|EPI_ISL_555901|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_102/2020|2020-03-18|EPI_ISL_422901|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-A1E8EF/2020|2020-10-01|EPI_ISL_587533|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000948/2020|2020-03-28|EPI_ISL_452625|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/NSW848/2020|2020-08-05|EPI_ISL_526190|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMB-83472/2020|2020-04-15|EPI_ISL_443488|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Mali/M002703/2020|2020-04-12|EPI_ISL_487459|Original|hCoV-19^^Bamako|Human|CICM-Mali|Bundeswehr Institut of Microbiology|Antwerpen|Mali

>Spike|hCoV-19/South Africa/KRISP-K000640/2020|2020-07-13|EPI_ISL_509289|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMB-821E5/2020|2020-04-21|EPI_ISL_438631|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-B46D84/2020|2020-11-07|EPI_ISL_656054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-435/2020|2020-03-20|EPI_ISL_571160|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/OXON-B15E1/2020|2020-04-28|EPI_ISL_479028|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4237810/2020|2020-11-22|EPI_ISL_740437|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Northern Ireland/QEUEH-96A9D3/2020|2020-08-17|EPI_ISL_531393|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-SURV0186/2020|2020-03-17|EPI_ISL_436058|Original|hCoV-19^^New York|Human|NYC Department of Health and Mental Hygiene|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/LIVE-9B161/2020|2020-03-25|EPI_ISL_449415|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0489/2020|2020-04-23|EPI_ISL_626429|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/CAMC-B77FDF/2020|2020-11-12|EPI_ISL_668353|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76481/2020|2020-03-30|EPI_ISL_438267|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AD00006/2020|2020-04-17|EPI_ISL_708506|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/England/NOTT-11192E/2020|2020-05-29|EPI_ISL_461942|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14975/2020|2020-10-16|EPI_ISL_786459|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC5662/2020|2020-07-06|EPI_ISL_518472|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-31E57/2020|2020-04-07|EPI_ISL_446576|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2431/2020|2020-04-00|EPI_ISL_686036|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B7D6C5/2020|2020-11-14|EPI_ISL_674794|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28D5FB/2020|2020-11-18|EPI_ISL_702827|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-956309/2020|2020-06-08|EPI_ISL_554104|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A9623C/2020|2020-10-19|EPI_ISL_624625|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200507/2020|2020-05-23|EPI_ISL_578648|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/OR-OHSU-3067/2020|2020-09-30|EPI_ISL_667468|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/PG-4969/2020|2020-08-00|EPI_ISL_690087|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/C200042671/2020|2020-11-02|EPI_ISL_666734|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-10E3F9/2020|2020-03-22|EPI_ISL_425541|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B526D5/2020|2020-11-06|EPI_ISL_656850|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV1252v1/2020|2020-10-21|EPI_ISL_768781|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-16B6C4/2020|2020-09-17|EPI_ISL_573888|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B88D3B/2020|2020-11-13|EPI_ISL_675795|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2511/2020|2020-06-17|EPI_ISL_497143|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-B5A479/2020|2020-11-06|EPI_ISL_658385|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-1704C2/2020|2020-03-23|EPI_ISL_459559|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8433/2020|2020-09-00|EPI_ISL_687532|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA4E91/2020|2020-10-21|EPI_ISL_630877|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17756/2020|2020-12-14|EPI_ISL_749547|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S349/2020|2020-04-02|EPI_ISL_434109|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUA-9609EC/2020|2020-07-31|EPI_ISL_532065|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1919/2020|2020-03-00|EPI_ISL_685525|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/HDF-rega-0413575/2020|2020-04-13|EPI_ISL_735241|Original|hCoV-19^^Hauts-de-France|Human|UZ Leuven|KU Leuven|Maes|France

>Spike|hCoV-19/USA/MN-MDH-1593/2020|2020-05-18|EPI_ISL_530189|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC2496/2020|2020-00-00|EPI_ISL_522194|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-6410/2020|2020-08-00|EPI_ISL_689516|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9700B7/2020|2020-08-17|EPI_ISL_540242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9979/2020|2020-11-20|EPI_ISL_703037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-990C9F/2020|2020-08-26|EPI_ISL_551905|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7419B/2020|2020-03-18|EPI_ISL_440328|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORW-F7EA8/2020|2020-11-04|EPI_ISL_651100|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A50C8B/2020|2020-10-07|EPI_ISL_597737|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CC32C/2020|2020-09-16|EPI_ISL_573099|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/CVR4025/2020|2020-08-29|EPI_ISL_535124|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/MILK-9EFA00/2020|2020-09-23|EPI_ISL_594968|Original|hCoV-19^^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-A41DA8/2020|2020-10-05|EPI_ISL_609373|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9151332/2020|2020-09-30|EPI_ISL_744861|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-1833/2020|2020-04-24|EPI_ISL_486148|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Singapore/507/2020|2020-05-15|EPI_ISL_479585|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Australia/VIC4556/2020|2020-07-15|EPI_ISL_518966|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-292739/2020|2020-05-14|EPI_ISL_457325|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3777/2020|2020-05-04|EPI_ISL_622623|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB9447/2020|2020-10-30|EPI_ISL_680535|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Australia/NSW2885/2020|2020-03-12|EPI_ISL_678359|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-292826-01/2020|2020-12-27|EPI_ISL_769974|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Brazil/SP-L11-CD92/2020|2020-03-25|EPI_ISL_476203|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/MILK-B94938/2020|2020-11-14|EPI_ISL_673821|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E2D22/2020|2020-09-21|EPI_ISL_581163|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19687/2020|2020-12-07|EPI_ISL_748258|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/SC-DHEC-0893/2020|2020-06-26|EPI_ISL_538413|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/Denmark/DCGC-20016/2020|2020-12-07|EPI_ISL_747931|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CT-UW-4344/2020|2020-03-30|EPI_ISL_426052|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Germany/BW-UKT-038/2020|2020-03-23|EPI_ISL_581466|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|Medizinische Klinik Innere Medizin I|NGS Competence Center T\u00fcbingen|Angelov|Germany

>Spike|hCoV-19/Wales/PHWC-269DC/2020|2020-03-29|EPI_ISL_422043|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B52F16/2020|2020-11-09|EPI_ISL_657545|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AA067F/2020|2020-10-21|EPI_ISL_666097|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/EDB3775/2020|2020-04-29|EPI_ISL_439320|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-B74725/2020|2020-11-12|EPI_ISL_662086|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-CDC-2-3713972/2020|2020-11-14|EPI_ISL_751761|Original|hCoV-19^^Hawaii|Human|HI Dept. of Health|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-5148/2020|2020-06-29|EPI_ISL_544558|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG274810/2020|2020-04-09|EPI_ISL_694083|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC13102/2020|2020-07-29|EPI_ISL_640746|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-9E38C6/2020|2020-09-24|EPI_ISL_585524|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Gibraltar/204841726/2020|2020-00-00|EPI_ISL_671294|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Scotland/CVR4373/2020|2020-09-15|EPI_ISL_573792|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1614/2020|2020-03-17|EPI_ISL_603959|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUH-9DAC5D/2020|2020-09-21|EPI_ISL_581030|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bosnia and Herzegovina/ChVir7348/2020|2020-03-20|EPI_ISL_462455|Original|hCoV-19^^Sarajevo|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina

>Spike|hCoV-19/Denmark/DCGC-5679/2020|2020-09-28|EPI_ISL_619966|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-BCB3EF/2020|2020-11-26|EPI_ISL_703833|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA9D06/2020|2020-12-18|EPI_ISL_762507|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20109004404/2020|2020-03-05|EPI_ISL_464515|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1814/2020|2020-04-03|EPI_ISL_613815|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-9C1FBA/2020|2020-09-11|EPI_ISL_566593|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002754/2020|2020-08-16|EPI_ISL_529750|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-B107EF/2020|2020-11-02|EPI_ISL_641848|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C5D606/2020|2020-12-14|EPI_ISL_769290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13497/2020|2020-10-28|EPI_ISL_672099|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-4018/2020|2020-08-01|EPI_ISL_548636|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-B84F75/2020|2020-11-15|EPI_ISL_674164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129050802/2020|2020-03-12|EPI_ISL_424050|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8077542/2020|2020-11-02|EPI_ISL_744680|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/EDB11050/2020|2020-12-14|EPI_ISL_742198|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DF15/2020|2020-10-06|EPI_ISL_586826|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17273/2020|2020-12-14|EPI_ISL_750185|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG519164/2020|2020-06-29|EPI_ISL_695362|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-A4572E/2020|2020-10-06|EPI_ISL_598808|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2371/2020|2020-09-09|EPI_ISL_566673|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200130/2020|2020-04-21|EPI_ISL_578358|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/GA-CDC-7378/2020|2020-10-22|EPI_ISL_681787|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/GCVR-17042C/2020|2020-03-23|EPI_ISL_459611|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99B942/2020|2020-08-30|EPI_ISL_550405|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-98002379/2020|2020-04-02|EPI_ISL_537871|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-96E3C2/2020|2020-08-18|EPI_ISL_530600|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-DB402/2020|2020-11-12|EPI_ISL_724765|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/NOTT-10FB1E/2020|2020-04-07|EPI_ISL_432686|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3227/2020|2020-08-31|EPI_ISL_616887|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-C93710/2020|2020-12-17|EPI_ISL_777161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9903F4/2020|2020-08-26|EPI_ISL_568296|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B212DB/2020|2020-11-02|EPI_ISL_647685|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20775/2020|2020-04-16|EPI_ISL_471796|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Spain/MD-IBV-99008778/2020|2020-10-20|EPI_ISL_654321|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Brazil/SP-434/2020|2020-07-12|EPI_ISL_603031|Original|hCoV-19^^S\u00e3o Paulo|Human|Santa Casa de Presidente Epit\u00e9lcio|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Denmark/DCGC-21637/2020|2020-12-21|EPI_ISL_758278|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A858A7/2020|2020-10-17|EPI_ISL_610370|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24979/2020|2020-11-04|EPI_ISL_647060|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1706/2020|2020-04-06|EPI_ISL_438847|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D189/2020|2020-12-10|EPI_ISL_742742|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A81A78/2020|2020-10-13|EPI_ISL_610675|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-360213/2020|2020-11-09|EPI_ISL_729252|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-22403/2020|2020-12-14|EPI_ISL_757543|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A5899B/2020|2020-10-08|EPI_ISL_597003|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0DC1/2020|2020-11-18|EPI_ISL_720429|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1798/2020|2020-07-31|EPI_ISL_613897|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-CZB-1073/2020|2020-04-21|EPI_ISL_437073|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20803/2020|2020-05-18|EPI_ISL_471824|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Northern Ireland/NIRE-104117/2020|2020-04-14|EPI_ISL_482035|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A02B6D/2020|2020-10-01|EPI_ISL_584948|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1094DD/2020|2020-10-13|EPI_ISL_652332|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2746/2020|2020-03-16|EPI_ISL_605022|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A6EF63/2020|2020-10-15|EPI_ISL_607824|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_268/2020|2020-03-30|EPI_ISL_422579|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1AD63F/2020|2020-04-25|EPI_ISL_489511|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20138063404/2020|2020-03-26|EPI_ISL_423320|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-C8532/2020|2020-03-30|EPI_ISL_432867|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22412/2020|2020-12-14|EPI_ISL_757410|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3332/2020|2020-04-00|EPI_ISL_691447|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-94F1DC/2020|2020-06-20|EPI_ISL_556429|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204421215/2020|2020-10-27|EPI_ISL_613676|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-AA3F80/2020|2020-10-22|EPI_ISL_625105|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12A351/2020|2020-04-30|EPI_ISL_458421|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10928/2020|2020-09-04|EPI_ISL_563157|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-51902/2020|2020-06-04|EPI_ISL_475534|Original|hCoV-19^^Vastra Gotaland|Human|Omtanken Grimmered|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-MCoV-18475/2020|2020-11-17|EPI_ISL_784823|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-300250/2020|2020-09-30|EPI_ISL_603282|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MA-MASPHL-00727/2020|2020-09-19|EPI_ISL_692945|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Denmark/DCGC-2405/2020|2020-08-10|EPI_ISL_617587|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/IC-0418/2020|2020-12-00|EPI_ISL_736924|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/WA72/2020|2020-07-07|EPI_ISL_512725|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/VA-DCLS-0727/2020|2020-07-09|EPI_ISL_526850|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-4088/2020|2020-09-14|EPI_ISL_622044|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-11148/2020|2020-12-19|EPI_ISL_737392|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-10500/2020|2020-11-02|EPI_ISL_670019|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15786/2020|2020-07-09|EPI_ISL_785470|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT0831/2020|2020-03-21|EPI_ISL_511090|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-B854DF/2020|2020-11-12|EPI_ISL_675651|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F4561/2020|2020-09-25|EPI_ISL_588364|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-39/2020|2020-10-15|EPI_ISL_682345|Original|hCoV-19^^Free State|Human|NHLS Universitas Academic|UFS Virology|Bester|South Africa

>Spike|hCoV-19/Peru/LIM-INS-041/2020|2020-04-11|EPI_ISL_514226|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/England/ALDP-A68C17/2020|2020-10-12|EPI_ISL_609157|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4FA4AF/2020|2020-06-24|EPI_ISL_559109|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020230022/2020|2020-07-20|EPI_ISL_535300|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Canada/BC_25574199/2020|2020-03-00|EPI_ISL_463226|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-17806/2020|2020-12-14|EPI_ISL_749578|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-321A8/2020|2020-04-14|EPI_ISL_446614|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NA_500/2020|2020-03-27|EPI_ISL_460673|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-A643CB/2020|2020-10-12|EPI_ISL_628694|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1624/2020|2020-08-20|EPI_ISL_614029|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-B1B869/2020|2020-11-01|EPI_ISL_646074|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0902/2020|2020-06-16|EPI_ISL_610038|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/201101406/2020|2020-03-09|EPI_ISL_464662|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B754E1/2020|2020-11-12|EPI_ISL_740909|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13991/2020|2020-08-15|EPI_ISL_787282|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-2825/2020|2020-04-00|EPI_ISL_690952|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/GCVR-17027D/2020|2020-03-24|EPI_ISL_459686|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9900B1/2020|2020-08-30|EPI_ISL_539939|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-IPP9453/2020|2020-10-15|EPI_ISL_623103|Original|hCoV-19^^\u00cele-de-France|Human|General practitioner|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/LIVE-9A171/2020|2020-04-17|EPI_ISL_439853|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20134082504/2020|2020-03-22|EPI_ISL_423186|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/20119063104/2020|2020-03-13|EPI_ISL_465086|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-759FC/2020|2020-03-29|EPI_ISL_438258|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22569/2020|2020-11-20|EPI_ISL_737134|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-C1D04/2020|2020-04-20|EPI_ISL_490585|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/United Arab Emirates/L5630/2020|2020-01-29|EPI_ISL_435137|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Netherlands/ZH-EMC-998/2020|2020-11-21|EPI_ISL_722388|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/ARA-103892/2020|2020-11-09|EPI_ISL_683344|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/MN-MDH-1256/2020|2020-06-09|EPI_ISL_482977|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CT-QDX-760/2020|2020-03-18|EPI_ISL_571509|Original|hCoV-19^^Connecticut|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC502/2020|2020-03-22|EPI_ISL_426773|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA0A37/2020|2020-10-22|EPI_ISL_624915|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1976/2020|2020-11-09|EPI_ISL_732199|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/LIVE-DB60B1/2020|2020-11-07|EPI_ISL_650620|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497ED3/2020|2020-11-30|EPI_ISL_726993|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20168/2020|2020-11-30|EPI_ISL_723334|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MA-MASPHL-00389/2020|2020-05-12|EPI_ISL_693155|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/QEUEH-9FF654/2020|2020-10-02|EPI_ISL_600294|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0350/2020|2020-03-30|EPI_ISL_480022|Original|hCoV-19^^Kanto|Human|Ibaraki Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NV-NSPHL-A0098/2020|2020-04-15|EPI_ISL_515374|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/CA-ALSR-0673-SAN/2020|2020-05-15|EPI_ISL_483292|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Finland/S5F8/2020|2020-09-10|EPI_ISL_737067|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/OXON-B148A/2020|2020-04-24|EPI_ISL_479017|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Brazil/SP-L9-CD121/2020|2020-03-17|EPI_ISL_476471|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Wales/MILK-A18065/2020|2020-10-01|EPI_ISL_595014|Original|hCoV-19^^Wales|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/BIRM-6292F/2020|2020-08-23|EPI_ISL_529629|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-A2FD91/2020|2020-10-06|EPI_ISL_587009|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A387C/2020|2020-12-15|EPI_ISL_764583|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR42/2020|2020-03-13|EPI_ISL_425770|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-269616-01/2020|2020-11-10|EPI_ISL_734432|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/20166070904/2020|2020-04-16|EPI_ISL_466580|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S2169/2020|2020-06-08|EPI_ISL_497597|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Norway/1781/2020|2020-03-05|EPI_ISL_420138|Original|hCoV-19^^Norway|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/Netherlands/NoordHolland_35/2020|2020-05-15|EPI_ISL_461224|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-14304/2020|2020-10-06|EPI_ISL_787589|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-006.2/2020|2020-05-23|EPI_ISL_462094|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/CA-ALSR-1667/2020|2020-03-24|EPI_ISL_494727|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10405/2020|2020-07-08|EPI_ISL_789456|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC5289/2020|2020-07-17|EPI_ISL_520052|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-27ABA/2020|2020-03-30|EPI_ISL_432198|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13683/2020|2020-11-04|EPI_ISL_738853|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Belgium/ULG-10721/2020|2020-09-14|EPI_ISL_641563|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-19141/2020|2020-12-07|EPI_ISL_748777|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-NCCS-NR-7779/2020|2020-06-26|EPI_ISL_722186|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/India/MH-AFCO-15381/2020|2020-07-26|EPI_ISL_721633|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Denmark/DCGC-14754/2020|2020-11-23|EPI_ISL_711957|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Peru/LIM-UPCH-0014/2020|2020-06-16|EPI_ISL_529071|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Ireland/D-NVRL-20IRL80158/2020|2020-11-07|EPI_ISL_732397|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-DSHS-0277/2020|2020-06-13|EPI_ISL_527844|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Chile/RM-ISPCH-33/2020|2020-03-17|EPI_ISL_445312|Original|hCoV-19^^Region Metropolitana de Santiago|Human|CLINICA UC SAN CARLOS DE APOQUINDO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/CAMC-B333A6/2020|2020-11-05|EPI_ISL_659255|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3342/2020|2020-08-31|EPI_ISL_616096|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/DRC/1422/2020|2020-04-08|EPI_ISL_434680|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/Wales/PHWC-16D0E2/2020|2020-09-25|EPI_ISL_574201|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10619/2020|2020-09-03|EPI_ISL_648553|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WI-GMF-32513/2020|2020-11-09|EPI_ISL_661152|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/TAS77/2020|2020-04-07|EPI_ISL_522748|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-19033/2020|2020-11-24|EPI_ISL_785293|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-9C94A4/2020|2020-09-10|EPI_ISL_567445|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B027FF/2020|2020-10-24|EPI_ISL_642872|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E028F/2020|2020-09-19|EPI_ISL_601368|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F8C95/2020|2020-09-27|EPI_ISL_588893|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51831/2020|2020-06-02|EPI_ISL_475532|Original|hCoV-19^^Vastmanland|Human|Kungsors VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-9951/2020|2020-11-09|EPI_ISL_669290|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-7336/2020|2020-06-29|EPI_ISL_546683|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-E7236/2020|2020-04-21|EPI_ISL_453555|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1016-IPL/2020|2020-04-23|EPI_ISL_483464|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/201360187/2020|2020-03-24|EPI_ISL_421772|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-09471/2020|2020-07-06|EPI_ISL_489945|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/ALDP-B24CBC/2020|2020-11-04|EPI_ISL_711013|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5A3E5/2020|2020-11-06|EPI_ISL_658247|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A06404/2020|2020-10-01|EPI_ISL_599963|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-96F4A0/2020|2020-08-17|EPI_ISL_530408|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA663B/2020|2020-12-18|EPI_ISL_761660|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00216197/2020|2020-03-12|EPI_ISL_535745|Original|hCoV-19^^Quebec|Human|H\u00f4pital Laurentien|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-15538/2020|2020-10-24|EPI_ISL_787022|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7D3E7/2020|2020-04-06|EPI_ISL_442240|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B62DDD/2020|2020-11-08|EPI_ISL_655490|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-944553/2020|2020-06-07|EPI_ISL_554623|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99E280/2020|2020-08-31|EPI_ISL_550632|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-96B85D/2020|2020-08-16|EPI_ISL_531251|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009298/2020|2020-05-16|EPI_ISL_524907|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-9D1F4E/2020|2020-09-18|EPI_ISL_601530|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003474/2020|2020-04-07|EPI_ISL_539273|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORW-E6E60/2020|2020-04-18|EPI_ISL_448984|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/SAP458/2020|2020-03-18|EPI_ISL_508144|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Wales/PHWC-16DC2A/2020|2020-09-25|EPI_ISL_577509|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-C31E79/2020|2020-12-11|EPI_ISL_731431|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201420004/2020|2020-03-30|EPI_ISL_465891|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CEF6/2020|2020-12-10|EPI_ISL_731134|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2887/2020|2020-03-13|EPI_ISL_678360|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/England/ALDP-B1AFA1/2020|2020-11-01|EPI_ISL_645681|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03681/2020|2020-11-00|EPI_ISL_775165|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-C3B808/2020|2020-12-11|EPI_ISL_730931|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7638444/2020|2020-10-31|EPI_ISL_744604|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-96B459/2020|2020-08-13|EPI_ISL_531302|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC65C0/2020|2020-11-20|EPI_ISL_721276|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE4CB9/2020|2020-10-27|EPI_ISL_633301|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAC108/2020|2020-11-18|EPI_ISL_783160|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A01366/2020|2020-10-01|EPI_ISL_595803|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Vietnam/40125/2020|2020-07-00|EPI_ISL_759875|Original|hCoV-19^^Vietnam|Human|National Influenza Center|National Influenza Center|Ung|Vietnam

>Spike|hCoV-19/England/ALDP-AA46E4/2020|2020-10-21|EPI_ISL_624554|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16293/2020|2020-10-31|EPI_ISL_785977|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/201060037/2020|2020-03-05|EPI_ISL_464374|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-281986-01/2020|2020-12-01|EPI_ISL_754415|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/LIVE-9A056/2020|2020-04-17|EPI_ISL_439840|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-0099/2020|2020-03-31|EPI_ISL_718163|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/England/NORW-FA203/2020|2020-12-07|EPI_ISL_725482|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0191/2020|2020-08-29|EPI_ISL_548057|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-B05659/2020|2020-10-24|EPI_ISL_652187|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WI-UW-449/2020|2020-06-18|EPI_ISL_484824|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-BAAEF4/2020|2020-11-18|EPI_ISL_783280|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-BCE249/2020|2020-11-26|EPI_ISL_710816|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1863/2020|2020-03-15|EPI_ISL_604176|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/WA433/2020|2020-09-25|EPI_ISL_672645|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/South Africa/KRISP-K002363/2020|2020-07-21|EPI_ISL_515731|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-996/2020|2020-03-09|EPI_ISL_614582|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3015/2020|2020-07-04|EPI_ISL_521844|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-15133/2020|2020-11-23|EPI_ISL_713649|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/OMS-ORINFI-2535S/2020|2020-04-08|EPI_ISL_569826|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUIH-9FFEB6/2020|2020-10-02|EPI_ISL_600462|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1111/2020|2020-10-19|EPI_ISL_605820|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-14541/2020|2020-10-09|EPI_ISL_787826|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B1AE59/2020|2020-11-01|EPI_ISL_645860|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-IBV-004061/2020|2020-03-18|EPI_ISL_510299|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/BL-ETHZ-280084/2020|2020-09-07|EPI_ISL_560457|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-UW-4565/2020|2020-03-30|EPI_ISL_429603|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-B38B21/2020|2020-11-01|EPI_ISL_659048|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH877/2020|2020-05-24|EPI_ISL_513029|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah

University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/England/QEUEH-B9E00C/2020|2020-11-18|EPI_ISL_720986|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-3339/2020|2020-04-00|EPI_ISL_691454|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/VIC2387/2020|2020-06-29|EPI_ISL_522105|Original|hCoV-
19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL
and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Jordan/AQ-ALSR-5260/2020|2020-10-12|EPI_ISL_730498|Original|hCoV-
19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps
Research|Gangavarapu|Jordan
>Spike|hCoV-19/Poland/PL_MCB_72/2020|2020-05-10|EPI_ISL_645071|Original|hCoV-
19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation
Research Group||Poland
>Spike|hCoV-19/USA/TX-HMH-3608/2020|2020-06-15|EPI_ISL_543063|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/EDB6935/2020|2020-04-03|EPI_ISL_529692|Original|hCoV-
19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|Williams|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-10024/2020|2020-11-09|EPI_ISL_668461|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/India/MH-ACTREC-140/2020|2020-05-28|EPI_ISL_699796|Original|hCoV-
19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology
Laboratory|Patkar|India
>Spike|hCoV-19/England/QEUEH-793153/2020|2020-07-15|EPI_ISL_533048|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9C5499/2020|2020-09-10|EPI_ISL_567802|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-3686/2020|2020-07-22|EPI_ISL_548414|Original|hCoV-
19^^California|Human|University of California|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/England/LIVE-1D29CF/2020|2020-03-29|EPI_ISL_611734|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-8761/2020|2020-10-26|EPI_ISL_625841|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-B21244/2020|2020-11-02|EPI_ISL_647778|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A948D2/2020|2020-10-19|EPI_ISL_611231|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/UGent-299/2020|2020-11-27|EPI_ISL_718025|Original|hCoV-
19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep
Virologie|Lambrechts|Belgium
>Spike|hCoV-19/England/NORT-28AA1D/2020|2020-04-14|EPI_ISL_457309|Original|hCoV-
19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust
/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
(COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/NORT-295AA6/2020|2020-04-03|EPI_ISL_478648|Original|hCoV-
19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust
/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS
Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
(COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-C2980-1/2020|2020-04-02|EPI_ISL_527410|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/MILK-B56AE4/2020|2020-11-05|EPI_ISL_656987|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10373/2020|2020-11-02|EPI_ISL_669460|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/TG-ETHZ-410306/2020|2020-12-15|EPI_ISL_737564|Original|hCoV-19^^Thurgau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/254/2020|2020-05-15|EPI_ISL_462372|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/LOND-124F49B/2020|2020-09-20|EPI_ISL_665156|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/201580278/2020|2020-04-09|EPI_ISL_466363|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR1947/2020|2020-04-08|EPI_ISL_484530|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D147/2020|2020-12-10|EPI_ISL_731779|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-128039/2020|2020-07-18|EPI_ISL_746613|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/CA-CZB-3652/2020|2020-07-18|EPI_ISL_516727|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-B05EBB/2020|2020-10-24|EPI_ISL_642768|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5154/2020|2020-10-16|EPI_ISL_730393|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/OR-OHSU-0546/2020|2020-06-16|EPI_ISL_525840|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/CAMC-A3ECED/2020|2020-10-05|EPI_ISL_609709|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-3462/2020|2020-09-28|EPI_ISL_640132|Original|hCoV-19^^Western Cape|Human|Groote Schuur Hospital wv GSH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Switzerland/ZH-ETHZ-332169/2020|2020-10-22|EPI_ISL_614978|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/St Eustatius/BQ-RIVM-10371/2020|2020-09-08|EPI_ISL_636601|Original|hCoV-19^^St Eustatius|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|St Eustatius

>Spike|hCoV-19/USA/WI-WSLH-200532/2020|2020-05-27|EPI_ISL_578671|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Finland/5LS20H9/2020|2020-10-05|EPI_ISL_756054|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/QEUH-9F7D2A/2020|2020-09-27|EPI_ISL_600898|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D0E2B/2020|2020-03-30|EPI_ISL_475291|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUH-AD4A3A/2020|2020-10-26|EPI_ISL_634108|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0192/2020|2020-03-23|EPI_ISL_434867|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-497EF1/2020|2020-11-30|EPI_ISL_726995|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C43551/2020|2020-12-10|EPI_ISL_719472|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B46971/2020|2020-11-07|EPI_ISL_655984|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A85995/2020|2020-10-18|EPI_ISL_610363|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D71AC/2020|2020-09-22|EPI_ISL_584351|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9446/2020|2020-11-09|EPI_ISL_668532|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9ED9BA/2020|2020-05-05|EPI_ISL_580645|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/Novosibirsk-84101/2020|2020-03-27|EPI_ISL_428918|Vero|hCoV-19^^Novosibirsk|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/England/204591527/2020|2020-11-06|EPI_ISL_700640|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/20144004404/2020|2020-03-31|EPI_ISL_423485|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012758551/2020|2020-10-02|EPI_ISL_746118|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Sweden/20-50292/2020|2020-03-10|EPI_ISL_454900|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-AA023F/2020|2020-10-20|EPI_ISL_611362|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2990/2020|2020-09-10|EPI_ISL_667451|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Switzerland/Vs-ETHZ-410737/2020|2020-12-12|EPI_ISL_737865|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B62836/2020|2020-11-09|EPI_ISL_656486|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8491/2020|2020-10-26|EPI_ISL_625912|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48B212/2020|2020-11-03|EPI_ISL_666208|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7366/2020|2020-06-00|EPI_ISL_688468|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9AAB68/2020|2020-09-01|EPI_ISL_550844|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-289757-01/2020|2020-12-21|EPI_ISL_767504|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/VIC7890/2020|2020-08-17|EPI_ISL_564731|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16D96F/2020|2020-09-21|EPI_ISL_577470|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/GSTT-6726/2020|2020-03-29|EPI_ISL_560720|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22051/2020|2020-12-14|EPI_ISL_758109|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20188036404/2020|2020-04-30|EPI_ISL_465507|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96A9E2/2020|2020-08-17|EPI_ISL_534680|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B536B6/2020|2020-11-08|EPI_ISL_656856|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SH-ETHZ-340114/2020|2020-10-26|EPI_ISL_721856|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/ACT0059/2020|2020-04-12|EPI_ISL_498523|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/QEUEH-998426/2020|2020-08-22|EPI_ISL_539900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-41-3/2020|2020-08-27|EPI_ISL_577790|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-CDF4A8/2020|2020-12-26|EPI_ISL_782216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201204351/2020|2020-03-30|EPI_ISL_672532|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/LA-EVTL140/2020|2020-03-28|EPI_ISL_455983|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/GSTT-265E474/2020|2020-03-31|EPI_ISL_484204|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/SHEF-C66F5/2020|2020-06-15|EPI_ISL_479220|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-288EAA/2020|2020-03-24|EPI_ISL_458603|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F340B/2020|2020-09-24|EPI_ISL_588658|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8490/2020|2020-06-00|EPI_ISL_687589|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-B11247/2020|2020-11-02|EPI_ISL_642604|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2890/2020|2020-06-09|EPI_ISL_543858|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-10966/2020|2020-09-22|EPI_ISL_583172|Original|hCoV-19^^California|Human|Tulare County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001075/2020|2020-10-15|EPI_ISL_633076|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Rwanda/M95143-RD/2020|2020-07-15|EPI_ISL_707783|Original|hCoV-19^^Rwanda|Human|Rwanda National Reference Laboratory|Rwanda National Reference Laboratory|Mukantwari|Rwanda

>Spike|hCoV-19/Russia/CRIE4955821/2020|2020-07-16|EPI_ISL_534338|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Speranskaya|Russia

>Spike|hCoV-19/Spain/RI-IBV-98002366/2020|2020-03-10|EPI_ISL_537862|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Qatar/QA20/2020|2020-03-23|EPI_ISL_427416|Original|hCoV-19^^Doha|Human|Ministry of Public Health (MoPH)|Biomedical Research Center (BRC)|Benslimane|Qatar

>Spike|hCoV-19/USA/LA-GBCL-26556579/2020|2020-04-14|EPI_ISL_485205|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH397/2020|2020-04-24|EPI_ISL_513150|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-BB9C9E/2020|2020-11-20|EPI_ISL_703024|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Oman/205026358/2020|2020-04-03|EPI_ISL_457981|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of\u00a0Microbiology\u00a0and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/England/ALDP-A673C8/2020|2020-10-12|EPI_ISL_630570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010042/2020|2020-03-12|EPI_ISL_779724|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-8113/2020|2020-06-30|EPI_ISL_784205|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9671/2020|2020-06-29|EPI_ISL_780214|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-94BBD2/2020|2020-07-15|EPI_ISL_556758|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5534/2020|2020-08-00|EPI_ISL_688659|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/BY-MVP-0052/2020|2020-03-14|EPI_ISL_437251|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Canada/ON-PHL-20-00385/2020|2020-03-00|EPI_ISL_548776|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-12717/2020|2020-11-16|EPI_ISL_682898|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B0263E/2020|2020-10-24|EPI_ISL_642858|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20327/2020|2020-11-16|EPI_ISL_748116|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/DRC/5186/2020|2020-05-03|EPI_ISL_496512|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Wales/PHWC-16E8BC/2020|2020-10-03|EPI_ISL_585784|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB9433/2020|2020-10-31|EPI_ISL_680526|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11196/2020|2020-09-02|EPI_ISL_789732|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LOND-1286E12/2020|2020-04-07|EPI_ISL_541755|Original|hCoV-19^^England|Human|Barts Health NHS Trust|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9983B0/2020|2020-08-26|EPI_ISL_568354|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4519/2020|2020-07-00|EPI_ISL_689658|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/GE-EMC-204/2020|2020-05-26|EPI_ISL_523186|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Korea/KCDC2543/2020|2020-06-22|EPI_ISL_514946|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/DRC/10507/2020|2020-05-18|EPI_ISL_527492|Original|hCoV-19^^Sud Kivu|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Luxembourg/LNS5185009/2020|2020-07-29|EPI_ISL_744198|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC6835/2020|2020-07-25|EPI_ISL_564087|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-C9863C/2020|2020-12-17|EPI_ISL_777343|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1810/2020|2020-06-15|EPI_ISL_738180|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-S2770/2020|2020-08-01|EPI_ISL_530127|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A70757/2020|2020-10-15|EPI_ISL_607808|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5CF0D/2020|2020-11-09|EPI_ISL_655855|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A9392B/2020|2020-10-20|EPI_ISL_611015|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B54F32/2020|2020-11-06|EPI_ISL_657842|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E80A4/2020|2020-04-13|EPI_ISL_449103|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3722/2020|2020-08-31|EPI_ISL_615501|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B9CB6/2020|2020-11-06|EPI_ISL_651550|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B096A0/2020|2020-10-30|EPI_ISL_672975|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL550/2020|2020-06-29|EPI_ISL_578954|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-ALSR-1551/2020|2020-05-05|EPI_ISL_494658|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-16387/2020|2020-11-16|EPI_ISL_714737|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10035681090/2020|2020-08-27|EPI_ISL_583287|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/France/ARA-59593/2020|2020-08-10|EPI_ISL_683368|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/EDB2909/2020|2020-04-01|EPI_ISL_488895|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010904/2020|2020-09-14|EPI_ISL_732750|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-B3FFA6/2020|2020-11-08|EPI_ISL_657248|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-848FD/2020|2020-03-05|EPI_ISL_440498|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001459/2020|2020-03-19|EPI_ISL_467146|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CWAR-24FDDBA/2020|2020-06-05|EPI_ISL_584523|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/ALDP-5D1829/2020|2020-06-19|EPI_ISL_558421|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009197/2020|2020-05-31|EPI_ISL_525180|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/ACT0076/2020|2020-03-27|EPI_ISL_498536|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/20119006204/2020|2020-03-13|EPI_ISL_465017|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC7082/2020|2020-07-29|EPI_ISL_564221|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Gibraltar/205121222/2020|2020-00-00|EPI_ISL_766348|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/NOTT-11336A/2020|2020-09-16|EPI_ISL_549334|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-808/2020|2020-10-15|EPI_ISL_632687|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-4754/2020|2020-09-14|EPI_ISL_622193|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5808/2020|2020-09-28|EPI_ISL_620995|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-8FAEAD/2020|2020-06-24|EPI_ISL_551402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB2837/2020|2020-11-20|EPI_ISL_702786|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A9E9F3/2020|2020-10-20|EPI_ISL_625332|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491F4F/2020|2020-11-16|EPI_ISL_706797|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-97009509/2020|2020-07-24|EPI_ISL_671797|Original|hCoV-19^^Aragon|Human|Hospital Cl\u00ednico Universitario Lozano Blesa de Zaragoza (Espa\u00f1a)|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-6807/2020|2020-06-25|EPI_ISL_546257|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6D386/2020|2020-10-15|EPI_ISL_608227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14727/2020|2020-10-01|EPI_ISL_786212|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-3267/2020|2020-08-31|EPI_ISL_616209|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B40124/2020|2020-11-08|EPI_ISL_657115|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3134/2020|2020-08-31|EPI_ISL_615953|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A1EB7D/2020|2020-09-29|EPI_ISL_587378|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-003214/2020|2020-03-13|EPI_ISL_480959|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Netherlands/NB-RIVM-20270/2020|2020-11-20|EPI_ISL_723413|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-CZB-15098/2020|2020-11-20|EPI_ISL_739129|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-6681/2020|2020-07-00|EPI_ISL_687792|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-371/2020|2020-05-20|EPI_ISL_480353|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Korea/KCDC2602/2020|2020-07-01|EPI_ISL_515005|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Portugal/PT0755/2020|2020-03-23|EPI_ISL_511014|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/Australia/VIC13095/2020|2020-07-28|EPI_ISL_640316|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A5846D/2020|2020-10-08|EPI_ISL_597169|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09181/2020|2020-03-19|EPI_ISL_422540|Original|hCoV-19^^New York|Human|MSSM Clinical Microbiology Laboratories|MSSM Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/United Arab Emirates/0290/2020|2020-05-18|EPI_ISL_698205|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Luxembourg/LNS8592530/2020|2020-11-25|EPI_ISL_744768|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-9647EE/2020|2020-08-11|EPI_ISL_536925|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CD64/2020|2020-06-14|EPI_ISL_574163|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1248/2020|2020-03-31|EPI_ISL_542610|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1914/2020|2020-10-18|EPI_ISL_613512|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Portugal/PT1587/2020|2020-07-02|EPI_ISL_693592|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) |Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-10503/2020|2020-11-02|EPI_ISL_670020|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-961848/2020|2020-07-31|EPI_ISL_536998|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C6EF/2020|2020-04-05|EPI_ISL_441577|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0520/2020|2020-06-16|EPI_ISL_508723|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-420713/2020|2020-12-24|EPI_ISL_768099|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR4023/2020|2020-08-29|EPI_ISL_535122|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA3D58/2020|2020-11-18|EPI_ISL_721047|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0115/2020|2020-05-20|EPI_ISL_526263|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Denmark/DCGC-15257/2020|2020-11-23|EPI_ISL_713725|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14360/2020|2020-10-05|EPI_ISL_787645|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1771/2020|2020-09-16|EPI_ISL_605643|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-130028/2020|2020-05-13|EPI_ISL_467015|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Sierra Leone/KGH-G-8603/2020|2020-04-23|EPI_ISL_512813|Original|hCoV-19^^Sierra Leone|Human|Kenema Government Hospital|Kenema Government Hospital|Sandi|Sierra Leone

>Spike|hCoV-19/USA/HI-H200739/2020|2020-12-09|EPI_ISL_753260|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUEH-AD1930/2020|2020-10-26|EPI_ISL_634694|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-514/2020|2020-08-19|EPI_ISL_700161|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/CAMC-A81DF7/2020|2020-10-12|EPI_ISL_610810|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B0B0D/2020|2020-05-10|EPI_ISL_452939|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-5826/2020|2020-08-00|EPI_ISL_688943|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-47FF65/2020|2020-10-08|EPI_ISL_612833|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DCB7C/2020|2020-09-21|EPI_ISL_580941|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001106/2020|2020-07-13|EPI_ISL_509355|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/India/DL-IGIB11304428/2020|2020-07-00|EPI_ISL_751243|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/Canada/BC_05248019/2020|2020-04-00|EPI_ISL_466783|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Saudi Arabia/KAUST-JEDDAH742/2020|2020-04-01|EPI_ISL_677944|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Switzerland/GR-ETHZ-410247/2020|2020-11-27|EPI_ISL_737761|Original|hCoV-19^^Graub\u00fcden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr47/2020|2020-04-08|EPI_ISL_603094|Original|hCoV-19^^Marijampoles apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Australia/SAP306/2020|2020-03-31|EPI_ISL_483091|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/QEUH-B40573/2020|2020-11-08|EPI_ISL_657134|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3BBF1/2020|2020-10-31|EPI_ISL_679794|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-A76BDD/2020|2020-10-12|EPI_ISL_611963|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-1B3250/2020|2020-05-21|EPI_ISL_456755|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Canada/BC_21993212/2020|2020-03-00|EPI_ISL_462820|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/CA-ALSR-1104-SAN/2020|2020-06-18|EPI_ISL_483529|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-10917/2020|2020-08-27|EPI_ISL_583146|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUH-B69644/2020|2020-11-11|EPI_ISL_655065|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19418/2020|2020-11-30|EPI_ISL_783829|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-9B52FC/2020|2020-09-03|EPI_ISL_590207|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3A54F/2020|2020-11-02|EPI_ISL_659056|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1956/2020|2020-04-10|EPI_ISL_514473|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM21825921/2020|2020-12-04|EPI_ISL_753617|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20942/2020|2020-03-24|EPI_ISL_507732|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WA-S239/2020|2020-03-07|EPI_ISL_430277|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12693/2020|2020-08-30|EPI_ISL_790467|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-104314/2020|2020-11-09|EPI_ISL_683349|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/UT-02130/2020|2020-04-14|EPI_ISL_470732|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Scotland/EDB4717/2020|2020-04-27|EPI_ISL_487884|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB1DA3/2020|2020-10-23|EPI_ISL_623605|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6285F/2020|2020-08-15|EPI_ISL_529624|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16920/2020|2020-12-14|EPI_ISL_750311|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12DDE7/2020|2020-06-01|EPI_ISL_481979|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8E2C53/2020|2020-06-25|EPI_ISL_557135|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR225/2020|2020-03-17|EPI_ISL_433274|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036524330/2020|2020-10-19|EPI_ISL_628878|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/CO-CDPHE-2011020202/2020|2020-11-01|EPI_ISL_771237|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/MI-UM-10036707634/2020|2020-10-30|EPI_ISL_682146|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Singapore/823/2020|2020-08-11|EPI_ISL_516823|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Germany/SH-ChVir3200/2020|2020-03-22|EPI_ISL_729541|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Scotland/EDB8363/2020|2020-10-12|EPI_ISL_612037|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0875/2020|2020-06-29|EPI_ISL_525918|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/CAMC-A3E4B8/2020|2020-10-06|EPI_ISL_609651|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2575/2020|2020-07-03|EPI_ISL_522253|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-292786-01/2020|2020-12-27|EPI_ISL_769953|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/NoordBrabant_139/2020|2020-00-00|EPI_ISL_461174|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-490739/2020|2020-11-13|EPI_ISL_706505|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94A098/2020|2020-06-11|EPI_ISL_556431|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW193/2020|2020-03-13|EPI_ISL_417342|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/India/HR-THSTI-BAL-39/2020|2020-04-07|EPI_ISL_454858|Original|hCoV-19^^Haryana|Human|Translational Health Science and Technology Institute -ESIC medical college and hospital|THSTI Bioassay laboratory|Medigeshi|India

>Spike|hCoV-19/Japan/PG-0424/2020|2020-04-04|EPI_ISL_480092|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16F6B1/2020|2020-09-29|EPI_ISL_586005|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F86C4/2020|2020-09-27|EPI_ISL_588830|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/8816/2020|2020-03-18|EPI_ISL_501224|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/England/CAMC-B21305/2020|2020-11-02|EPI_ISL_647493|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29ECB6/2020|2020-05-10|EPI_ISL_493536|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/WA148/2020|2020-03-28|EPI_ISL_596711|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/DCGC-9279/2020|2020-11-16|EPI_ISL_668885|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-96DF1A/2020|2020-08-17|EPI_ISL_530416|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3614/2020|2020-06-15|EPI_ISL_543068|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4841/2020|2020-08-00|EPI_ISL_689963|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-pl645/2020|2020-03-17|EPI_ISL_775665|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Spain/GA-IBV-004053/2020|2020-03-18|EPI_ISL_510292|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-10B2CCA/2020|2020-05-11|EPI_ISL_537249|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-7032A6/2020|2020-06-30|EPI_ISL_557576|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-254EB/2020|2020-03-23|EPI_ISL_420999|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BBA477/2020|2020-11-20|EPI_ISL_710712|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8816/2020|2020-08-01|EPI_ISL_565214|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-8633/2020|2020-07-01|EPI_ISL_780663|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW162/2020|2020-03-13|EPI_ISL_416700|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-ACC3D0/2020|2020-10-21|EPI_ISL_629388|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7AD00/2020|2020-10-15|EPI_ISL_606674|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH067/2020|2020-03-18|EPI_ISL_434776|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BAC7F7/2020|2020-11-18|EPI_ISL_783236|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCC37/2020|2020-10-01|EPI_ISL_588021|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2623/2020|2020-03-15|EPI_ISL_604897|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/LA-BIE-054/2020|2020-04-07|EPI_ISL_455610|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/England/ALDP-B84B80/2020|2020-11-14|EPI_ISL_675800|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2687/2020|2020-08-10|EPI_ISL_617739|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-1625A2/2020|2020-05-13|EPI_ISL_473092|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8968/2020|2020-09-00|EPI_ISL_686514|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/GCVR-17036B/2020|2020-03-23|EPI_ISL_459623|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-5069/2020|2020-07-01|EPI_ISL_730330|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC12331/2020|2020-07-29|EPI_ISL_640494|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15989/2020|2020-07-10|EPI_ISL_785673|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16D835/2020|2020-09-25|EPI_ISL_577451|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9DFA1/2020|2020-04-02|EPI_ISL_453255|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-15695/2020|2020-10-14|EPI_ISL_718168|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/England/QEUA-B67093/2020|2020-11-11|EPI_ISL_661357|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20149023904/2020|2020-04-03|EPI_ISL_466173|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC2327/2020|2020-06-25|EPI_ISL_522048|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-HLP-52/2020|2020-04-20|EPI_ISL_530055|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/USA/CO-QDX-1903/2020|2020-03-16|EPI_ISL_604220|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Brazil/RS-00649/2020|2020-11-25|EPI_ISL_770595|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/LOND-D707B/2020|2020-04-03|EPI_ISL_478458|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMC-BC1BC3/2020|2020-11-22|EPI_ISL_704813|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012309299/2020|2020-08-06|EPI_ISL_746055|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-2687/2020|2020-03-00|EPI_ISL_690819|Original|hCoV-19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-EVTL375/2020|2020-06-01|EPI_ISL_578781|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Netherlands/GE-RIVM-20949/2020|2020-12-22|EPI_ISL_790973|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-AC7FFF/2020|2020-10-19|EPI_ISL_629483|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5689F/2020|2020-11-06|EPI_ISL_656924|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C32BAE/2020|2020-12-11|EPI_ISL_782581|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-CDC-STM-P021/2020|2020-12-19|EPI_ISL_755611|Original|hCoV-19^^Massachusetts|Human|Helix/Illumina|Genomics and Discovery|Cook|USA

>Spike|hCoV-19/Canada/MB-NML-1190/2020|2020-08-09|EPI_ISL_582504|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/CA-ALSR-4580/2020|2020-07-10|EPI_ISL_667019|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A85C8D/2020|2020-10-17|EPI_ISL_610476|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-62C457/2020|2020-07-05|EPI_ISL_557877|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1492/2020|2020-09-11|EPI_ISL_568590|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-A05CC1/2020|2020-09-30|EPI_ISL_599968|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8268/2020|2020-07-07|EPI_ISL_784299|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-4863/2020|2020-11-04|EPI_ISL_730183|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Russia/KR-RII-12198S/2020|2020-11-18|EPI_ISL_732985|Original|hCoV-19^^Karelia|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUEH-96C3C4/2020|2020-08-12|EPI_ISL_530851|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16226/2020|2020-11-16|EPI_ISL_714650|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MP-DRDE 4083/2020|2020-05-17|EPI_ISL_476886|Original|hCoV-19^^Madhya Pradesh|Human|Defence Research & Development Establishment (DRDE)|Defence Research & Development Establishment (DRDE)|Dash|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-18373/2020|2020-11-18|EPI_ISL_784721|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/VC-FISABIO-35/2020|2020-03-09|EPI_ISL_420120|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/QEUEH-B6741F/2020|2020-11-11|EPI_ISL_662009|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/un-EMC-805/2020|2020-11-11|EPI_ISL_722426|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20168005004/2020|2020-04-17|EPI_ISL_466598|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0136/2020|2020-04-13|EPI_ISL_437775|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/NORW-F1512/2020|2020-10-22|EPI_ISL_627601|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A93A19/2020|2020-10-19|EPI_ISL_611172|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6EFE/2020|2020-09-24|EPI_ISL_580455|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-32613/2020|2020-11-09|EPI_ISL_661159|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Scotland/CVR4017/2020|2020-08-29|EPI_ISL_535116|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORW-21F910/2020|2020-12-11|EPI_ISL_725062|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27F42/2020|2020-03-24|EPI_ISL_431987|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B24D6E/2020|2020-11-04|EPI_ISL_646487|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21420/2020|2020-04-07|EPI_ISL_507674|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/FL-AJ5U/2020|2020-07-05|EPI_ISL_513291|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Germany/NW-HHU-412/2020|2020-11-11|EPI_ISL_718086|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Scotland/EDB054/2020|2020-03-18|EPI_ISL_425858|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-4371/2020|2020-05-00|EPI_ISL_692598|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BS-42203970/2020|2020-03-27|EPI_ISL_581736|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/PHWC-48BA65/2020|2020-11-03|EPI_ISL_680585|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9F1CF6/2020|2020-09-24|EPI_ISL_589714|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24715/2020|2020-11-04|EPI_ISL_646857|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EBF2/2020|2020-10-05|EPI_ISL_586978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E0D9D/2020|2020-09-19|EPI_ISL_580885|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9C8F3B/2020|2020-09-14|EPI_ISL_576039|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9AE681/2020|2020-09-05|EPI_ISL_577365|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Chile/RM-133191/2020|2020-07-25|EPI_ISL_746632|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genética Molecular and Subdepartamento de Virología ISP Chile|Instituto de Salud Pública de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/MILK-ABC0EB/2020|2020-10-21|EPI_ISL_630981|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5522/2020|2020-08-00|EPI_ISL_688647|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-77329/2020|2020-03-31|EPI_ISL_439390|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NOTT-11c7FC/2020|2020-11-17|EPI_ISL_651408|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28882/2020|2020-03-31|EPI_ISL_432407|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-75868/2020|2020-03-20|EPI_ISL_440325|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036587181/2020|2020-10-23|EPI_ISL_649989|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/LOND-1264D1D/2020|2020-11-23|EPI_ISL_724559|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/NOTT-118778/2020|2020-10-28|EPI_ISL_627683|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/Overijssel_19/2020|2020-04-13|EPI_ISL_460808|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-QDX-2350/2020|2020-03-17|EPI_ISL_604649|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-33884/2020|2020-04-20|EPI_ISL_446760|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8562064/2020|2020-10-31|EPI_ISL_744763|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S2782/2020|2020-08-10|EPI_ISL_530139|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/BRIS-129686/2020|2020-03-31|EPI_ISL_458841|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/PE-IAM1082/2020|2020-05-03|EPI_ISL_572375|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Japan/PG-2070/2020|2020-04-00|EPI_ISL_685675|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/CT-IBV-99009890/2020|2020-08-06|EPI_ISL_660287|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/CVR5321/2020|2020-10-24|EPI_ISL_651755|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22082/2020|2020-12-14|EPI_ISL_758541|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001416/2020|2020-11-19|EPI_ISL_683788|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/WI-UW-1568/2020|2020-09-16|EPI_ISL_605446|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/C200044524/2020|2020-11-06|EPI_ISL_664025|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Canada/ON-E50/2020|2020-05-29|EPI_ISL_593525|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Gambia/NPHL-2706/2020|2020-00-00|EPI_ISL_561287|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Denmark/DCGC-22453/2020|2020-12-14|EPI_ISL_757571|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC2357/2020|2020-06-26|EPI_ISL_522077|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A6F5D9/2020|2020-10-15|EPI_ISL_607945|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW209/2020|2020-03-20|EPI_ISL_427755|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/EDB2689/2020|2020-03-26|EPI_ISL_487940|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2897/2020|2020-03-00|EPI_ISL_691023|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-PHL-5756/2020|2020-03-00|EPI_ISL_418358|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/Wales/PHWC-4A1AA5/2020|2020-12-11|EPI_ISL_743771|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009143/2020|2020-05-31|EPI_ISL_525136|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-A3E5B5/2020|2020-10-05|EPI_ISL_609795|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sichuan/SC-WCH4-284/2020|2020-02-02|EPI_ISL_451386|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/TX-HMH-1798/2020|2020-05-17|EPI_ISL_542847|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16550/2020|2020-11-16|EPI_ISL_714164|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E76B9/2020|2020-09-24|EPI_ISL_580081|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D94CF/2020|2020-09-18|EPI_ISL_576732|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F819/2020|2020-12-08|EPI_ISL_743274|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2137/2020|2020-03-20|EPI_ISL_498038|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/FL-BPHL-1197/2020|2020-08-21|EPI_ISL_526683|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18594/2020|2020-11-19|EPI_ISL_784942|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-AAF0CD/2020|2020-10-21|EPI_ISL_644102|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20623/2020|2020-04-17|EPI_ISL_462705|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Finland/18MR4cF8/2020|2020-11-18|EPI_ISL_757329|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/TX-DSHS-0379/2020|2020-06-14|EPI_ISL_538315|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-99BFB9/2020|2020-08-30|EPI_ISL_559776|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1389060/2020|2020-10-26|EPI_ISL_739926|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/MD-IBV-97010005/2020|2020-03-18|EPI_ISL_683666|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-9520/2020|2020-11-09|EPI_ISL_669017|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10939/2020|2020-11-02|EPI_ISL_670298|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-E896D/2020|2020-04-11|EPI_ISL_448254|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/SHEF-CA424/2020|2020-09-19|EPI_ISL_573722|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Chile/RM-204371/2020|2020-10-12|EPI_ISL_746761|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/NORT-1B721DB/2020|2020-11-25|EPI_ISL_724858|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B211FC/2020|2020-11-03|EPI_ISL_647557|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1823/2020|2020-11-15|EPI_ISL_732045|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-16A4E9/2020|2020-09-06|EPI_ISL_535261|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4489/2020|2020-10-26|EPI_ISL_666965|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-824A0/2020|2020-04-14|EPI_ISL_443438|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/20130033604/2020|2020-03-22|EPI_ISL_423602|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AA372/2020|2020-08-11|EPI_ISL_539757|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Iceland/185/2020|2020-03-16|EPI_ISL_417678|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\|u00f3nsson|Iceland

>Spike|hCoV-19/India/WB-S70/2020|2020-05-25|EPI_ISL_508460|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Scotland/QEUIH-AD436C/2020|2020-10-26|EPI_ISL_649693|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A6C2/2020|2020-11-15|EPI_ISL_673839|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11137/2020|2020-11-02|EPI_ISL_669806|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CO-CDPHE-2011210355/2020|2020-11-19|EPI_ISL_771155|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Scotland/EDB3180/2020|2020-04-06|EPI_ISL_487709|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5283/2020|2020-09-14|EPI_ISL_615214|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1398/2020|2020-03-28|EPI_ISL_511357|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-4A3FE0/2020|2020-12-13|EPI_ISL_764651|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC11734/2020|2020-07-21|EPI_ISL_563475|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B89F61/2020|2020-11-13|EPI_ISL_675596|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A05A03/2020|2020-09-29|EPI_ISL_600015|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10961/2020|2020-07-29|EPI_ISL_563170|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A2E48E/2020|2020-10-06|EPI_ISL_586582|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42203342/2020|2020-03-23|EPI_ISL_581723|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/VA-DCLS-1111/2020|2020-06-18|EPI_ISL_529914|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-49F5B8/2020|2020-05-22|EPI_ISL_559630|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-B130D2/2020|2020-11-02|EPI_ISL_642259|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-C1131/2020|2020-05-30|EPI_ISL_528547|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and

Diagnostics|National Genomics Core- Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India
>Spike|hCoV-19/Australia/VIC4707/2020|2020-07-16|EPI_ISL_519095|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Japan/PG-3576/2020|2020-06-00|EPI_ISL_691832|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/NORT-28D063/2020|2020-10-06|EPI_ISL_665787|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/CAMC-A8227F/2020|2020-10-12|EPI_ISL_610701|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/NoordHolland_26/2020|2020-05-06|EPI_ISL_461216|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/England/QEUEH-961893/2020|2020-08-02|EPI_ISL_536986|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/VA-DCLS-0761/2020|2020-06-23|EPI_ISL_526877|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/MILK-A69AA3/2020|2020-10-09|EPI_ISL_665282|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/Australia/NSW232/2020|2020-03-27|EPI_ISL_451498|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/USA/WA-UW-10953/2020|2020-06-13|EPI_ISL_570362|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/Denmark/DCGC-7707/2020|2020-10-19|EPI_ISL_618590|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-5873/2020|2020-09-28|EPI_ISL_621060|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/MI-MDHHS-SC21728/2020|2020-08-08|EPI_ISL_529847|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/MILK-B54E53/2020|2020-11-06|EPI_ISL_657753|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/QC_AM7/2020|2020-04-08|EPI_ISL_515215|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada
>Spike|hCoV-19/Switzerland/VD-ETHZ-190087/2020|2020-07-07|EPI_ISL_500943|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/USA/MN-MDH-1497/2020|2020-03-20|EPI_ISL_518890|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/Denmark/DCGC-17281/2020|2020-12-14|EPI_ISL_750877|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Canada/ON-PHL-20-01318/2020|2020-06-00|EPI_ISL_548921|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-C06693/2020|2020-12-06|EPI_ISL_709352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/210100400/2021|2021-01-00|EPI_ISL_791201|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/TG-UZH-IMV10/2020|2020-04-14|EPI_ISL_590832|Vero P2|hCoV-19^^Thurgau|Human|Institute of Medical Virology|Institute of Medical Virology|Kufner|Switzerland

>Spike|hCoV-19/Spain/CM-IBV-003781/2020|2020-04-03|EPI_ISL_474813|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48DACD/2020|2020-11-01|EPI_ISL_680723|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-S811/2020|2020-04-10|EPI_ISL_591164|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-B48344/2020|2020-11-07|EPI_ISL_649198|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7F19/2020|2020-10-16|EPI_ISL_637689|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-106EC3/2020|2020-05-21|EPI_ISL_501015|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-96F9CF/2020|2020-08-18|EPI_ISL_540309|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR08014/2020|2020-11-11|EPI_ISL_732413|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/South Africa/LR00018/2020|2020-07-03|EPI_ISL_515148|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Wales/PHWC-2C5B4/2020|2020-03-31|EPI_ISL_445879|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A583D9/2020|2020-10-07|EPI_ISL_597024|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-D0BF65/2020|2020-12-20|EPI_ISL_781947|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CAA109/2020|2020-12-18|EPI_ISL_768883|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200044/2020|2020-04-02|EPI_ISL_752629|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/201360224/2020|2020-03-25|EPI_ISL_423254|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Canada/ON-S1803/2020|2020-11-24|EPI_ISL_729275|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUA-53C0AC/2020|2020-05-18|EPI_ISL_532193|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9658AE/2020|2020-08-12|EPI_ISL_530995|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/env/Belgium/VAN-93030-N/2020|2020-04-05|EPI_ISL_539301|Original|hCoV-19^^Antwerp|Environment|KWR Watercycle Research Institute|Erasmus Medical Center|Graaf|Belgium

>Spike|hCoV-19/Scotland/QEUA-9CEF26/2020|2020-09-17|EPI_ISL_602017|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/21SS13G9/2020|2020-09-21|EPI_ISL_757381|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/MILK-A463ED/2020|2020-10-04|EPI_ISL_609285|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2191/2020|2020-10-26|EPI_ISL_677594|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-CZB-6938/2020|2020-08-26|EPI_ISL_582892|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Switzerland/VS-ETHZ-410386/2020|2020-11-25|EPI_ISL_737851|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-96555C/2020|2020-08-12|EPI_ISL_531094|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B07903/2020|2020-10-30|EPI_ISL_643659|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0924/2020|2020-03-18|EPI_ISL_583776|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/CT-Yale-033/2020|2020-03-18|EPI_ISL_428371|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-21414/2020|2020-12-21|EPI_ISL_758155|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9D98F0/2020|2020-09-18|EPI_ISL_576770|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16685A/2020|2020-06-23|EPI_ISL_494049|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-UW-739/2020|2020-06-29|EPI_ISL_491304|Original|hCoV-19^^Colorado|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-9AACB0/2020|2020-09-01|EPI_ISL_550818|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC7398/2020|2020-11-22|EPI_ISL_721200|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1878/2020|2020-05-00|EPI_ISL_685484|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-BCE319/2020|2020-11-26|EPI_ISL_704337|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5642/2020|2020-09-28|EPI_ISL_619929|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-735FA/2020|2020-03-20|EPI_ISL_440289|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Austria/CeMM1066/2020|2020-03-15|EPI_ISL_583879|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-A853B5/2020|2020-10-17|EPI_ISL_610300|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R10767/2020|2020-06-15|EPI_ISL_490305|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-21615/2020|2020-12-21|EPI_ISL_757961|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9498A0/2020|2020-06-12|EPI_ISL_556352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9314/2020|2020-11-16|EPI_ISL_668903|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-3567/2020|2020-06-19|EPI_ISL_636087|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-C33A37/2020|2020-12-11|EPI_ISL_734001|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000678/2020|2020-03-13|EPI_ISL_632096|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-487586/2020|2020-10-29|EPI_ISL_638158|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1692/2020|2020-05-31|EPI_ISL_496118|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/NOTT-1125CF/2020|2020-04-29|EPI_ISL_484400|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B9A2/2020|2020-11-01|EPI_ISL_645719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10908/2020|2020-07-09|EPI_ISL_789680|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-31213/2020|2020-11-03|EPI_ISL_661077|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/NY-NYUMC556/2020|2020-03-31|EPI_ISL_444673|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Spain/CN-IBV-002604/2020|2020-03-18|EPI_ISL_474917|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-AEB20B/2020|2020-10-26|EPI_ISL_633299|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001287/2020|2020-11-09|EPI_ISL_683878|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Germany/HH-hpi-p1296/2020|2020-03-19|EPI_ISL_775844|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Iceland/57/2020|2020-03-06|EPI_ISL_417692|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/IL-NM0108/2020|2020-03-20|EPI_ISL_444593|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/CA-IGI-0233/2020|2020-07-02|EPI_ISL_569903|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Switzerland/BS-42209162/2020|2020-03-27|EPI_ISL_581774|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Ireland/MH-NVRL-73IRL22943/2020|2020-09-16|EPI_ISL_578244|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-16E773/2020|2020-09-29|EPI_ISL_585765|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4903CC/2020|2020-10-30|EPI_ISL_705265|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C9547/2020|2020-09-10|EPI_ISL_567433|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BFBDE8/2020|2020-12-04|EPI_ISL_709256|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CE6F4/2020|2020-09-17|EPI_ISL_590061|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR6054/2020|2020-11-27|EPI_ISL_704184|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0496/2020|2020-04-03|EPI_ISL_569551|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/NM-UNM-00534/2020|2020-05-10|EPI_ISL_542956|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/WA-UW-1689/2020|2020-03-19|EPI_ISL_424211|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-CA97F9/2020|2020-12-17|EPI_ISL_762243|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2206/2020|2020-05-27|EPI_ISL_513754|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/LOND-124FBA5/2020|2020-03-26|EPI_ISL_665188|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5381060/2020|2020-10-21|EPI_ISL_744224|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/BRIS-185372C/2020|2020-04-13|EPI_ISL_492307|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11637/2020|2020-07-18|EPI_ISL_641003|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49EA41/2020|2020-12-08|EPI_ISL_743085|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7D1F/2020|2020-10-14|EPI_ISL_637730|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORT-286F6D/2020|2020-10-21|EPI_ISL_652342|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-9B6FB8/2020|2020-09-04|EPI_ISL_590684|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15FDEC/2020|2020-05-25|EPI_ISL_472857|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3726/2020|2020-05-27|EPI_ISL_636169|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13500/2020|2020-08-21|EPI_ISL_788629|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-9339/2020|2020-11-16|EPI_ISL_668916|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/UGent-183/2020|2020-10-18|EPI_ISL_634894|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/NY-NYUMC618/2020|2020-04-02|EPI_ISL_444735|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-13272/2020|2020-11-30|EPI_ISL_712696|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WY-WYPHL005/2020|2020-03-15|EPI_ISL_421347|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/WA-S78/2020|2020-03-05|EPI_ISL_417131|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Scotland/CVR1909/2020|2020-04-06|EPI_ISL_493745|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/DRC/04188/2020|2020-04-25|EPI_ISL_471413|Original|hCoV-19^^Haut-Katanga|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/Scotland/CVR4461/2020|2020-09-20|EPI_ISL_585326|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-2474/2020|2020-05-00|EPI_ISL_686079|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Portugal/PT1285/2020|2020-03-24|EPI_ISL_511246|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-B832E6/2020|2020-11-14|EPI_ISL_675487|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9551C4/2020|2020-06-12|EPI_ISL_553357|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7495/2020|2020-06-26|EPI_ISL_546801|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-7383/2020|2020-10-12|EPI_ISL_619336|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7D226/2020|2020-04-06|EPI_ISL_442090|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-962E63/2020|2020-08-10|EPI_ISL_531584|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C35D4/2020|2020-09-07|EPI_ISL_566694|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1ACC8/2020|2020-11-01|EPI_ISL_646004|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03794/2020|2020-11-00|EPI_ISL_775055|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Ireland/LK-UHL8/2020|2020-04-01|EPI_ISL_681760|Original|hCoV-19^^Limerick|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Madagascar/VIRO-2728/2020|2020-03-26|EPI_ISL_677636|Original|hCoV-19^^Toamasina|Human|Virology Unit|Virology Unit|Brook|Madagascar

>Spike|hCoV-19/Wales/MILK-B058EA/2020|2020-10-24|EPI_ISL_652204|Original|hCoV-19^^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6000/2020|2020-06-30|EPI_ISL_547157|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-163F58/2020|2020-04-23|EPI_ISL_474106|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AB7763/2020|2020-10-19|EPI_ISL_623293|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0267/2020|2020-06-13|EPI_ISL_527834|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-C3A405/2020|2020-12-09|EPI_ISL_731157|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-005966/2020|2020-03-07|EPI_ISL_500400|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-B7C8DF/2020|2020-11-14|EPI_ISL_741799|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Brazil/SC-L15-CD265/2020|2020-03-29|EPI_ISL_476259|Original|hCoV-19^^Santa Catarina|Human|Hospital da Cl\u00e9nicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/BIRM-654A3/2020|2020-10-06|EPI_ISL_594560|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/NORT-28B092/2020|2020-04-17|EPI_ISL_492918|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg_321_CC2/2020|2020-10-12|EPI_ISL_660130|Original|hCoV-19^Western Cape|Human|Lancet|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/Scotland/CVR5092/2020|2020-10-16|EPI_ISL_626967|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC353/2020|2020-06-25|EPI_ISL_514600|Original|hCoV-19^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Germany/HH-hpi-p1581/2020|2020-03-16|EPI_ISL_776056|Original|hCoV-19^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/CVR4914/2020|2020-10-07|EPI_ISL_594680|Original|hCoV-19^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2274/2020|2020-05-17|EPI_ISL_510611|Original|hCoV-19^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/NORT-29C1D7/2020|2020-06-22|EPI_ISL_499485|Original|hCoV-19^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16163/2020|2020-10-26|EPI_ISL_785847|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA2006/2020|2020-10-22|EPI_ISL_624464|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8298/2020|2020-10-12|EPI_ISL_612317|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1223/2020|2020-08-19|EPI_ISL_536596|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Luxembourg/LNS5450477/2020|2020-10-23|EPI_ISL_744231|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-17506/2020|2020-12-14|EPI_ISL_751030|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC15220/2020|2020-08-03|EPI_ISL_593199|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3617/2020|2020-07-00|EPI_ISL_691870|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/regal-12141419/2020|2020-12-14|EPI_ISL_738471|Original|hCoV-19^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/LIVE-DC3770/2020|2020-11-11|EPI_ISL_705190|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B73902/2020|2020-11-12|EPI_ISL_662564|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7211/2020|2020-07-00|EPI_ISL_688315|Original|hCoV-19^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZH-EMC-460/2020|2020-08-12|EPI_ISL_523797|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-9COEB/2020|2020-04-01|EPI_ISL_449509|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/OXON-AE013/2020|2020-00-00|EPI_ISL_448655|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6185/2020|2020-04-01|EPI_ISL_430953|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB9287/2020|2020-11-05|EPI_ISL_666070|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_5/2020|2020-03-10|EPI_ISL_422641|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20168033004/2020|2020-04-15|EPI_ISL_466610|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0727/2020|2020-05-13|EPI_ISL_584129|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Luxembourg/LNS0726804/2020|2020-10-31|EPI_ISL_739822|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/Utrecht_3/2020|2020-03-03|EPI_ISL_414437|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/GE-EMC-190/2020|2020-04-29|EPI_ISL_523172|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-QDX-1740/2020|2020-03-17|EPI_ISL_604079|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC4934/2020|2020-07-14|EPI_ISL_519308|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B38A15/2020|2020-10-31|EPI_ISL_658811|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15511/2020|2020-10-23|EPI_ISL_786995|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-C7202B/2020|2020-12-15|EPI_ISL_769046|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08E4F/2020|2020-10-29|EPI_ISL_673113|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW858/2020|2020-08-13|EPI_ISL_526200|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/EXET-13836F/2020|2020-09-10|EPI_ISL_612395|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00305/2020|2020-04-01|EPI_ISL_460432|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/BIRM-61331/2020|2020-06-13|EPI_ISL_477762|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/NORW-F2159/2020|2020-10-19|EPI_ISL_627656|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D5EA/2020|2020-10-14|EPI_ISL_607129|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205090348/2020|2020-12-11|EPI_ISL_747506|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20617/2020|2020-12-16|EPI_ISL_790696|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-ALSR-0979-SAN/2020|2020-04-02|EPI_ISL_483438|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/GE-HUG-3650/2020|2020-03-16|EPI_ISL_429209|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/USA/WA-S897/2020|2020-04-27|EPI_ISL_463387|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/LEED-2AA21F/2020|2020-04-07|EPI_ISL_538824|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC664/2020|2020-03-27|EPI_ISL_426960|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/BIRM-65A29/2020|2020-10-01|EPI_ISL_594602|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B92E/2020|2020-11-08|EPI_ISL_655471|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Friesland_45/2020|2020-05-03|EPI_ISL_460860|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-843CF/2020|2020-04-16|EPI_ISL_443445|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-8312/2020|2020-08-00|EPI_ISL_687411|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/HI-H200144/2020|2020-06-26|EPI_ISL_752707|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/France/ARA-98691/2020|2020-11-01|EPI_ISL_683400|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Malaysia/1713/2020|2020-03-25|EPI_ISL_501186|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/Scotland/QEUH-B31830/2020|2020-11-04|EPI_ISL_676406|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2428/2020|2020-06-15|EPI_ISL_497060|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUH-96F200/2020|2020-08-17|EPI_ISL_530454|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-962E81/2020|2020-08-10|EPI_ISL_531708|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486217/2020|2020-10-27|EPI_ISL_639020|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC7248/2020|2020-07-27|EPI_ISL_564311|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/reg-0512675/2020|2020-05-12|EPI_ISL_738216|Original|hCoV-19^^Oud-Heverlee|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-B3AA6E/2020|2020-11-01|EPI_ISL_706042|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MD-HP12060/2020|2020-11-21|EPI_ISL_791392|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Spain/MD-IBV-99008641/2020|2020-09-29|EPI_ISL_654175|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Portugal/PT0070/2020|2020-03-21|EPI_ISL_421473|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/India/TG-CCMB-R187/2020|2020-08-09|EPI_ISL_539679|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/CT-Yale-151/2020|2020-03-13|EPI_ISL_435720|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-19817/2020|2020-12-07|EPI_ISL_747807|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-2A6222/2020|2020-03-02|EPI_ISL_507128|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/CAMC-AB212E/2020|2020-10-22|EPI_ISL_634816|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0894/2020|2020-05-13|EPI_ISL_516680|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/VA-DCLS-1427/2020|2020-07-12|EPI_ISL_581550|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/20118050504/2020|2020-03-13|EPI_ISL_464922|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18043/2020|2020-11-16|EPI_ISL_786191|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-19465/2020|2020-12-07|EPI_ISL_748964|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-3466B/2020|2020-04-20|EPI_ISL_446954|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13DD20/2020|2020-12-02|EPI_ISL_724287|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDEC6/2020|2020-06-06|EPI_ISL_584540|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/WA-UW42/2020|2020-03-09|EPI_ISL_415607|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/OXON-B4D6E/2020|2020-04-23|EPI_ISL_535012|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-C615A8/2020|2020-12-13|EPI_ISL_735592|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A524AF/2020|2020-10-07|EPI_ISL_598187|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99CD0/2020|2020-11-15|EPI_ISL_673545|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC927/2020|2020-03-17|EPI_ISL_467420|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Sweden/20-53276/2020|2020-10-29|EPI_ISL_648159|Original|hCoV-19^^Sweden|Human|Sundsvall|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-93D2B0/2020|2020-06-21|EPI_ISL_552963|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH468/2020|2020-08-04|EPI_ISL_512923|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-14266/2020|2020-11-30|EPI_ISL_711419|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-1176/2020|2020-07-23|EPI_ISL_525203|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/NY-PV08415/2020|2020-03-16|EPI_ISL_421378|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/NORT-293844/2020|2020-07-06|EPI_ISL_499554|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2010280225/2020|2020-10-26|EPI_ISL_710240|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/20132066804/2020|2020-03-23|EPI_ISL_423791|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B83D30/2020|2020-11-14|EPI_ISL_674404|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21342/2020|2020-12-21|EPI_ISL_759085|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3BF9A/2020|2020-12-10|EPI_ISL_731798|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/931/2020|2020-03-29|EPI_ISL_538463|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Jordan/AM-ALSR-4093/2020|2020-10-03|EPI_ISL_636453|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/LIVE-DC09AA/2020|2020-11-04|EPI_ISL_705402|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F66A8/2020|2020-09-27|EPI_ISL_600625|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/NAQ-SC281/2020|2020-03-30|EPI_ISL_644674|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/South Africa/KRISP-K000598/2020|2020-07-03|EPI_ISL_509251|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/FL-BPHL-1429/2020|2020-09-01|EPI_ISL_549211|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NOTT-11FA0F/2020|2020-11-28|EPI_ISL_725598|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12956/2020|2020-08-28|EPI_ISL_788108|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-499F92/2020|2020-11-25|EPI_ISL_727474|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1982/2020|2020-06-18|EPI_ISL_766768|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUH-B6ADA8/2020|2020-11-11|EPI_ISL_662316|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/S9A4/2020|2020-10-11|EPI_ISL_737080|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/EDB5506/2020|2020-04-24|EPI_ISL_487761|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7AF13/2020|2020-04-10|EPI_ISL_433894|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Singapore/275/2020|2020-05-06|EPI_ISL_462393|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Sweden/20-50130/2020|2020-03-06|EPI_ISL_429141|Original|hCoV-19^^Varmland|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/OXON-ACC6C/2020|2020-04-06|EPI_ISL_448522|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Hungary/MH-597/2020|2020-04-10|EPI_ISL_526215|Original|hCoV-19^^Pest county|Human|Hungarian Defence Forces Military Medical Centre|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/South Korea/KCDC2228/2020|2020-05-08|EPI_ISL_510566|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/NORT-28851E/2020|2020-12-05|EPI_ISL_725020|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Canada/ON-SLB3105/2020|2020-04-18|EPI_ISL_717742|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Wales/PHWC-48A116/2020|2020-11-03|EPI_ISL_652525|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9D2077/2020|2020-09-19|EPI_ISL_601624|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD2EF4/2020|2020-10-26|EPI_ISL_629893|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1044/2020|2020-06-15|EPI_ISL_628720|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-4092/2020|2020-06-17|EPI_ISL_543362|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-QDX-527/2020|2020-03-18|EPI_ISL_571400|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0335/2020|2020-12-19|EPI_ISL_733529|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/CAMC-B3607F/2020|2020-11-05|EPI_ISL_645370|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW931/2020|2020-09-06|EPI_ISL_547596|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC20104/2020|2020-03-25|EPI_ISL_436884|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Spain/CL-IBV-97006212/2020|2020-04-13|EPI_ISL_537358|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Scotland/EDB986/2020|2020-04-06|EPI_ISL_432895|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/LOND-12F0FD4/2020|2020-12-07|EPI_ISL_724599|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9787/2020|2020-07-03|EPI_ISL_780277|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-3623/2020|2020-08-31|EPI_ISL_616391|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C23DB/2020|2020-09-07|EPI_ISL_566603|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1E0C9/2020|2020-10-01|EPI_ISL_598878|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12269/2020|2020-07-23|EPI_ISL_640884|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/MH-ACTREC-395/2020|2020-07-29|EPI_ISL_700044|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-3365/2020|2020-08-31|EPI_ISL_616122|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A3EC92/2020|2020-10-05|EPI_ISL_609755|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1373/2020|2020-11-13|EPI_ISL_700541|Original|hCoV-19^^Western Cape|Human|Kwanokuthula CDC wc KWA|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/CA-CZB-1081/2020|2020-04-25|EPI_ISL_437081|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM16207422/2020|2020-12-05|EPI_ISL_753640|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-A506E7/2020|2020-10-07|EPI_ISL_597614|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0A092/2020|2020-10-29|EPI_ISL_673055|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13026/2020|2020-05-12|EPI_ISL_672309|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/GSTT-265D642/2020|2020-03-23|EPI_ISL_483991|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/MILK-ACC07F/2020|2020-10-21|EPI_ISL_629377|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487BEE/2020|2020-10-27|EPI_ISL_639286|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20118062704/2020|2020-03-11|EPI_ISL_464937|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/NSW2263/2020|2020-03-22|EPI_ISL_500699|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/QEUEH-C3331E/2020|2020-12-11|EPI_ISL_734083|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1036/2020|2020-07-22|EPI_ISL_517926|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-CB8C8F/2020|2020-12-19|EPI_ISL_777776|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12249/2020|2020-09-25|EPI_ISL_790268|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC4725/2020|2020-07-13|EPI_ISL_519113|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MD-QDX-113/2020|2020-03-13|EPI_ISL_467867|Original|hCoV-19^^Maryland|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-AAFA1A/2020|2020-10-22|EPI_ISL_631144|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10872/2020|2020-11-02|EPI_ISL_670258|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Suriname/SR-18/2020|2020-06-25|EPI_ISL_517629|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/USA/TX-HMH-MCoV-14997/2020|2020-10-16|EPI_ISL_786481|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-9DC365/2020|2020-09-21|EPI_ISL_580916|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2379/2020|2020-07-07|EPI_ISL_635450|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-4A593B/2020|2020-12-14|EPI_ISL_763576|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-433/2020|2020-10-25|EPI_ISL_733508|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/MILK-B38A60/2020|2020-10-31|EPI_ISL_658825|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15078/2020|2020-11-23|EPI_ISL_713277|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-295420/2020|2020-03-31|EPI_ISL_478635|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMB-72CF6/2020|2020-03-22|EPI_ISL_440099|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18623/2020|2020-12-07|EPI_ISL_750087|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC2755/2020|2020-07-06|EPI_ISL_521590|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-08939/2020|2020-07-15|EPI_ISL_534229|Original|hCoV-19^^Skane|Human|Skanes universitetssjukhus Lund|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/WA-UW-10199/2020|2020-06-01|EPI_ISL_570278|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-3518/2020|2020-06-00|EPI_ISL_691774|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR2131/2020|2020-04-10|EPI_ISL_477859|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-AB937C/2020|2020-10-22|EPI_ISL_623673|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n3767/2020|2020-03-10|EPI_ISL_649082|Original|hCoV-19^^Nir-Tzvi|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Denmark/DCGC-14800/2020|2020-11-23|EPI_ISL_711991|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5133/2020|2020-07-19|EPI_ISL_519936|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-E7166/2020|2020-04-19|EPI_ISL_449007|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC2839/2020|2020-07-04|EPI_ISL_521670|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B7CC97/2020|2020-11-14|EPI_ISL_741820|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-A474F8/2020|2020-10-06|EPI_ISL_598300|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10596/2020|2020-11-02|EPI_ISL_670077|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-11274/2020|2020-09-11|EPI_ISL_739223|Original|hCoV-19^^California|Human|Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-9CCD3D/2020|2020-09-16|EPI_ISL_566194|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/1917/2020|2020-03-10|EPI_ISL_420143|Original|hCoV-19^^Norway|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/England/BIRM-61AF0/2020|2020-03-25|EPI_ISL_529357|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14431/2020|2020-11-04|EPI_ISL_738895|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-4880DF/2020|2020-10-26|EPI_ISL_639349|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6825/2020|2020-07-24|EPI_ISL_564078|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-123B23/2020|2020-04-07|EPI_ISL_442790|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-93/2020|2020-09-12|EPI_ISL_722817|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-5A67E4/2020|2020-06-13|EPI_ISL_558678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7866/2020|2020-09-16|EPI_ISL_585426|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14092/2020|2020-06-22|EPI_ISL_738828|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-B6270C/2020|2020-11-08|EPI_ISL_656648|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1171/2020|2020-07-03|EPI_ISL_634971|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC13573/2020|2020-08-02|EPI_ISL_563761|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Bulgaria/24/2020|2020-04-22|EPI_ISL_480304|Original|hCoV-19^^Kyustendil|Human|National Reference Laboratory \Influenza and acute respiratory diseases\ |NRL-HIV|Ivanov|Bulgaria

>Spike|hCoV-19/USA/WA-UW-11487/2020|2020-06-24|EPI_ISL_570420|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Czech Republic/NRL_8972-5/2020|2020-09-15|EPI_ISL_626583|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/USA/LA-GBCL-26492488/2020|2020-04-25|EPI_ISL_485049|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Denmark/DCGC-19241/2020|2020-12-07|EPI_ISL_748209|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/rega-0712715/2020|2020-07-12|EPI_ISL_738222|Original|hCoV-19^^Brussel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Singapore/365/2020|2020-04-06|EPI_ISL_469120|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Sweden/20-50312/2020|2020-03-12|EPI_ISL_429160|Original|hCoV-19^^Ostergotland|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-7918/2020|2020-06-29|EPI_ISL_545706|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B21411/2020|2020-10-31|EPI_ISL_647200|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-8527/2020|2020-05-04|EPI_ISL_461407|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-81614/2020|2020-04-10|EPI_ISL_442822|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Israel/701002681/2020|2020-03-27|EPI_ISL_447285|Original|hCoV-19^^South Coast District|Human|Microbiology Division|Stern Lab|Miller|Israel

>Spike|hCoV-19/USA/TX-HMH-571/2020|2020-04-06|EPI_ISL_546959|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/UT-50437-CSIR-IGIB/2020|2020-07-26|EPI_ISL_636792|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/United Arab Emirates/L2004034680/2020|2020-04-18|EPI_ISL_520671|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Japan/PG-6891/2020|2020-00-00|EPI_ISL_687999|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-13977/2020|2020-11-30|EPI_ISL_711490|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-250/2020|2020-00-00|EPI_ISL_523592|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-7EBDF/2020|2020-04-07|EPI_ISL_442971|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001067/2020|2020-07-02|EPI_ISL_509323|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/WA-S2840/2020|2020-09-15|EPI_ISL_574682|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/204490718/2020|2020-10-30|EPI_ISL_666770|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B54AAA/2020|2020-11-06|EPI_ISL_658021|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/CO-NVRL-78IRL77020/2020|2020-11-22|EPI_ISL_752580|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Switzerland/SO-42222503/2020|2020-04-06|EPI_ISL_581684|Original|hCoV-19^^Solothurn|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/AZ-TG592633/2020|2020-08-07|EPI_ISL_695636|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B635D4/2020|2020-11-09|EPI_ISL_656446|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/7LS23E7/2020|2020-10-07|EPI_ISL_756029|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Japan/PG-2467/2020|2020-04-00|EPI_ISL_686072|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/BC_18547866/2020|2020-03-00|EPI_ISL_462759|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMB-77E64/2020|2020-04-01|EPI_ISL_440820|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-A419FF/2020|2020-10-05|EPI_ISL_609494|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B302/2020|2020-11-08|EPI_ISL_655516|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B09057/2020|2020-10-29|EPI_ISL_672922|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-303/2020|2020-05-28|EPI_ISL_735343|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/USA/NY-Wadsworth-248655-01/2020|2020-10-19|EPI_ISL_754720|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/20134040703/2020|2020-03-24|EPI_ISL_420515|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12202/2020|2020-11-16|EPI_ISL_682383|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAM-COGUK-1AE12E/2020|2020-04-27|EPI_ISL_524595|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7D892/2020|2020-11-14|EPI_ISL_741888|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670208/2020|2020-04-30|EPI_ISL_696398|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/LIVE-DCC4CB/2020|2020-11-26|EPI_ISL_724510|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-72300/2020|2020-03-27|EPI_ISL_439661|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Norway/4797/2020|2020-10-23|EPI_ISL_668409|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Switzerland/AG-ETHZ-410042/2020|2020-12-16|EPI_ISL_737651|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-827A7/2020|2020-04-14|EPI_ISL_443464|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20312/2020|2020-11-20|EPI_ISL_723451|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/AZ-TG664277/2020|2020-04-28|EPI_ISL_696078|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/MILK-A17E20/2020|2020-10-01|EPI_ISL_594991|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1275/2020|2020-08-07|EPI_ISL_541207|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-A0BB73/2020|2020-10-01|EPI_ISL_599314|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-993A47/2020|2020-08-26|EPI_ISL_552443|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A86E8/2020|2020-03-25|EPI_ISL_539153|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009084/2020|2020-05-15|EPI_ISL_525091|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/NoordBrabant_3/2020|2020-03-02|EPI_ISL_414429|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-5782/2020|2020-08-00|EPI_ISL_688901|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-2019/2020|2020-09-18|EPI_ISL_677426|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/20144009004/2020|2020-03-31|EPI_ISL_423503|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC3F6B/2020|2020-11-24|EPI_ISL_703393|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10121/2020|2020-11-09|EPI_ISL_669408|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9C9DF4/2020|2020-09-10|EPI_ISL_567438|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1324/2020|2020-04-00|EPI_ISL_684932|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-1238C2/2020|2020-04-06|EPI_ISL_442785|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20150413/2020|2020-11-23|EPI_ISL_770108|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/BRIS-122CB8/2020|2020-04-01|EPI_ISL_440669|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547342/2020|2020-07-06|EPI_ISL_695490|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-ACD16C/2020|2020-10-21|EPI_ISL_630022|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL441/2020|2020-06-16|EPI_ISL_578845|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/CVR4291/2020|2020-09-09|EPI_ISL_559963|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2F747/2020|2020-11-04|EPI_ISL_646214|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6710A/2020|2020-10-12|EPI_ISL_630527|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0590/2020|2020-04-10|EPI_ISL_569607|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/MA-MGH-00533/2020|2020-03-18|EPI_ISL_460413|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/QEUEH-8A02AA/2020|2020-07-27|EPI_ISL_532797|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA29DE/2020|2020-10-22|EPI_ISL_630794|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AF7D1/2020|2020-04-15|EPI_ISL_478773|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Chile/MA-ISPCH-11/2020|2020-03-22|EPI_ISL_445292|Original|hCoV-19^^Magallanes|Human|CLINICA MAGALLANES S.A.|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Wales/MILK-A47795/2020|2020-10-05|EPI_ISL_609264|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002670/2020|2020-08-02|EPI_ISL_535536|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CA-CZB-1412/2020|2020-04-20|EPI_ISL_468387|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/NY-QDX-1178/2020|2020-03-13|EPI_ISL_571988|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MA-MGH-00770/2020|2020-04-12|EPI_ISL_791758|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-C8A248/2020|2020-12-16|EPI_ISL_756539|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F54CD/2020|2020-09-25|EPI_ISL_588552|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IA-GMF-15767/2020|2020-08-17|EPI_ISL_547711|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/EXET-135890/2020|2020-04-15|EPI_ISL_478276|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-318/2020|2020-03-21|EPI_ISL_571062|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-9D01C1/2020|2020-09-16|EPI_ISL_589901|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004251/2020|2020-04-06|EPI_ISL_500315|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MD-MDH-0363/2020|2020-10-22|EPI_ISL_648298|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11550/2020|2020-09-12|EPI_ISL_789984|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18403/2020|2020-12-07|EPI_ISL_749944|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-9862/2020|2020-07-06|EPI_ISL_780310|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-281F9F/2020|2020-03-25|EPI_ISL_478493|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B50B6/2020|2020-09-04|EPI_ISL_590264|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95A596/2020|2020-06-12|EPI_ISL_553511|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201112188/2020|2020-09-25|EPI_ISL_628948|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-2012565545/2020|2020-07-26|EPI_ISL_745598|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/SHEF-D1E1D/2020|2020-10-09|EPI_ISL_613403|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA32C/2020|2020-11-23|EPI_ISL_703498|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/646/2020|2020-05-18|EPI_ISL_493406|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-14997/2020|2020-11-23|EPI_ISL_713569|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-222E1B/2020|2020-12-19|EPI_ISL_741534|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-B3A512/2020|2020-11-02|EPI_ISL_659088|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5233/2020|2020-08-00|EPI_ISL_690336|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-14981/2020|2020-11-18|EPI_ISL_738581|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/NORT-284275/2020|2020-03-16|EPI_ISL_488485|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E1B1/2020|2020-10-02|EPI_ISL_585680|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-990172/2020|2020-08-26|EPI_ISL_539957|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18211/2020|2020-11-14|EPI_ISL_784559|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B1AB34/2020|2020-11-01|EPI_ISL_647643|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10E1E0/2020|2020-03-19|EPI_ISL_425510|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035713605/2020|2020-08-29|EPI_ISL_583278|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-0099/2020|2020-03-08|EPI_ISL_479842|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC13997/2020|2020-07-15|EPI_ISL_563917|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1661/2020|2020-04-03|EPI_ISL_560748|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/WA-UW-2960/2020|2020-03-26|EPI_ISL_486060|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/SAP418/2020|2020-04-20|EPI_ISL_492180|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/MILK-B96D85/2020|2020-11-13|EPI_ISL_674848|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-CDC-2119/2020|2020-05-29|EPI_ISL_535351|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-A7A632/2020|2020-10-15|EPI_ISL_606680|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22350/2020|2020-11-09|EPI_ISL_708330|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/CVR13/2020|2020-03-11|EPI_ISL_425672|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0059/2020|2020-05-09|EPI_ISL_517990|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-2745/2020|2020-06-04|EPI_ISL_545522|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-5768/2020|2020-09-28|EPI_ISL_620955|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-QDX-746/2020|2020-03-19|EPI_ISL_571558|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-963CA4/2020|2020-08-11|EPI_ISL_531518|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AB52D/2020|2020-08-31|EPI_ISL_551227|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51065/2020|2020-04-14|EPI_ISL_475126|Original|hCoV-19^^Vasterbotten|Human|Umea klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/EDB6515/2020|2020-06-15|EPI_ISL_478249|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-BB12B2/2020|2020-11-17|EPI_ISL_720235|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20605/2020|2020-12-07|EPI_ISL_790688|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-CDPH-UC1/2020|2020-02-28|EPI_ISL_413557|Original|hCoV-19^^California|Human|California Department of Public Health|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/MILK-9AB569/2020|2020-08-31|EPI_ISL_549442|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8827/2020|2020-07-01|EPI_ISL_780779|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC16880/2020|2020-00-00|EPI_ISL_663619|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B0E68D/2020|2020-11-01|EPI_ISL_641960|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-73E68/2020|2020-03-18|EPI_ISL_440353|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-D6AC9/2020|2020-05-14|EPI_ISL_461770|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18804/2020|2020-11-24|EPI_ISL_785131|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/GCVR-16FDDA/2020|2020-03-23|EPI_ISL_489608|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/NAQ-SC780/2020|2020-12-18|EPI_ISL_779843|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/CA-SR0460/2020|2020-03-08|EPI_ISL_467982|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/CAMC-A3E6C1/2020|2020-10-05|EPI_ISL_625444|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B23804/2020|2020-11-04|EPI_ISL_646821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-927468/2020|2020-06-22|EPI_ISL_551374|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8B865/2020|2020-10-17|EPI_ISL_643286|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/IGC4560/2020|2020-06-12|EPI_ISL_491263|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/England/QEUH-941107/2020|2020-07-29|EPI_ISL_532646|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14094/2020|2020-08-14|EPI_ISL_787380|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9A89A/2020|2020-03-28|EPI_ISL_449370|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BRIS-123895/2020|2020-04-06|EPI_ISL_442808|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-6964/2020|2020-07-00|EPI_ISL_688069|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19214/2020|2020-11-27|EPI_ISL_783694|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204661395/2020|2020-11-11|EPI_ISL_766266|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4997/2020|2020-09-21|EPI_ISL_621807|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4783/2020|2020-08-00|EPI_ISL_689630|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B839D2/2020|2020-11-14|EPI_ISL_674311|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CF12A6/2020|2020-12-16|EPI_ISL_781877|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3DD16/2020|2020-12-10|EPI_ISL_731793|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11479A/2020|2020-10-08|EPI_ISL_584750|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-10695-01/2020|2020-03-04|EPI_ISL_426029|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/BRIS-123473/2020|2020-04-06|EPI_ISL_442707|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORW-F8DAA/2020|2020-11-29|EPI_ISL_725376|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Austria/CeMM0161/2020|2020-03-05|EPI_ISL_438007|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/UT-UPHL-01958/2020|2020-04-15|EPI_ISL_575242|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NOTT-11342B/2020|2020-09-17|EPI_ISL_549504|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-005556/2020|2020-03-17|EPI_ISL_508618|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48DD88/2020|2020-11-06|EPI_ISL_680755|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F278/2020|2020-10-15|EPI_ISL_607071|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200042066/2020|2020-00-00|EPI_ISL_649804|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-23307B/2020|2020-09-28|EPI_ISL_680250|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/20166000804/2020|2020-04-15|EPI_ISL_466497|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-CDF99/2020|2020-10-13|EPI_ISL_611997|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2085/2020|2020-05-04|EPI_ISL_486328|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/TX-DSHS-0418/2020|2020-06-16|EPI_ISL_542476|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Spain/IB-IBV-99010819/2020|2020-08-01|EPI_ISL_691618|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-CDEAC5/2020|2020-12-26|EPI_ISL_782433|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7070/2020|2020-10-13|EPI_ISL_638299|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AACA4A/2020|2020-10-21|EPI_ISL_652887|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-778DF/2020|2020-03-31|EPI_ISL_439445|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/NSW883/2020|2020-08-17|EPI_ISL_544964|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-B38AD9/2020|2020-10-31|EPI_ISL_658949|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0021/2020|2020-04-01|EPI_ISL_481269|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Netherlands/FL-EMC-30/2020|2020-10-06|EPI_ISL_632652|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-5759/2020|2020-08-00|EPI_ISL_688878|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-6163/2020|2020-06-23|EPI_ISL_547283|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-AAE77E/2020|2020-10-22|EPI_ISL_630703|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Drenthe_3/2020|2020-04-06|EPI_ISL_460637|Original|hCoV-19^^Drenthe|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20132095704/2020|2020-03-23|EPI_ISL_423828|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001980/2020|2020-03-15|EPI_ISL_509619|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/UT-UPHL-201013682/2020|2020-04-03|EPI_ISL_594407|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC1436/2020|2020-04-17|EPI_ISL_456441|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Spain/PV-IBV-004211/2020|2020-04-03|EPI_ISL_510496|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Northern Ireland/NIRE-23458A/2020|2020-10-19|EPI_ISL_680408|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1745/2020|2020-04-10|EPI_ISL_576254|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-1637F6/2020|2020-05-05|EPI_ISL_473999|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-C7C847/2020|2020-12-16|EPI_ISL_757017|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2506/2020|2020-06-17|EPI_ISL_497138|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-13825/2020|2020-11-30|EPI_ISL_713046|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2914/2020|2020-04-00|EPI_ISL_691040|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/SH-hpi-pl424/2020|2020-03-04|EPI_ISL_775684|Original|hCoV-19^^Schleswig-Holstein|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/SHEF-C9953/2020|2020-03-25|EPI_ISL_442344|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-30D79/2020|2020-04-09|EPI_ISL_446355|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7911820/2020|2020-10-15|EPI_ISL_744653|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/LA-CDC-1918/2020|2020-05-07|EPI_ISL_535344|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Kenya/C8579/2020|2020-05-20|EPI_ISL_568870|Original|hCoV-19^^Kwale|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Denmark/DCGC-3208/2020|2020-08-24|EPI_ISL_616764|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1435/2020|2020-12-15|EPI_ISL_779101|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9169/2020|2020-07-02|EPI_ISL_780431|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0201/2020|2020-03-13|EPI_ISL_479904|Original|hCoV-19^^Kansai|Human|Himeji City Institute of Environment and Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-PHL-20-03626/2020|2020-11-00|EPI_ISL_775132|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-94ED42/2020|2020-06-17|EPI_ISL_556478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00243054/2020|2020-03-30|EPI_ISL_536347|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/France/PAC-IHU-0522/2020|2020-04-06|EPI_ISL_569570|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-955E81/2020|2020-06-11|EPI_ISL_554091|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-97F1C4/2020|2020-07-30|EPI_ISL_529530|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUH-B31CCB/2020|2020-11-04|EPI_ISL_646163|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-2072/2020|2020-03-31|EPI_ISL_450800|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/AZ-TG401836/2020|2020-06-23|EPI_ISL_694854|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/LIVE-DB41DE/2020|2020-10-19|EPI_ISL_652083|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1797/2020|2020-04-16|EPI_ISL_486126|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/MILK-B95FBD/2020|2020-11-13|EPI_ISL_676108|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C93200/2020|2020-12-17|EPI_ISL_762182|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13ACDB/2020|2020-11-11|EPI_ISL_664115|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-962C78/2020|2020-08-11|EPI_ISL_531703|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CC8C/2020|2020-10-14|EPI_ISL_607122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-212/2020|2020-06-29|EPI_ISL_699866|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-9462/2020|2020-07-03|EPI_ISL_781135|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/PA-MGSC21-04/2020|2020-03-27|EPI_ISL_436475|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/Japan/PG-3590/2020|2020-07-00|EPI_ISL_691844|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2E98A9/2020|2020-11-05|EPI_ISL_727737|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012910509/2020|2020-11-28|EPI_ISL_747008|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Denmark/DCGC-22053/2020|2020-12-14|EPI_ISL_757813|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH0389/2020|2020-04-01|EPI_ISL_434976|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B08085/2020|2020-10-30|EPI_ISL_643476|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10551/2020|2020-11-02|EPI_ISL_670048|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0799/2020|2020-07-18|EPI_ISL_522810|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/SHEF-C5052/2020|2020-04-27|EPI_ISL_475380|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-9CA0FA/2020|2020-09-10|EPI_ISL_567412|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAB2D9/2020|2020-11-17|EPI_ISL_783339|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8964/2020|2020-07-02|EPI_ISL_780863|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B558DC/2020|2020-11-05|EPI_ISL_657373|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7E8CF/2020|2020-10-13|EPI_ISL_606874|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12AEE7/2020|2020-05-01|EPI_ISL_458470|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A85B17/2020|2020-10-17|EPI_ISL_610497|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0549/2020|2020-06-19|EPI_ISL_529088|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores,H.|USA

>Spike|hCoV-19/England/QEUA-998EA0/2020|2020-08-24|EPI_ISL_541795|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD66F8/2020|2020-10-26|EPI_ISL_634113|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-10052/2020|2020-03-18|EPI_ISL_547482|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response

team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/MI-UM-10036115045/2020|2020-09-24|EPI_ISL_590712|Original|hCoV-
19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring
Lab|Valesano|USA
>Spike|hCoV-19/Portugal/PT1957/2020|2020-11-13|EPI_ISL_732184|Original|hCoV-
19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de
Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia
(IGC)|Borges|Portugal
>Spike|hCoV-19/USA/WA-S436/2020|2020-03-31|EPI_ISL_434196|Original|hCoV-
19^^Washington|Human|Washington State Department of Health|Seattle Flu
Study|Bedford|USA
>Spike|hCoV-19/Australia/SAP246/2020|2020-03-26|EPI_ISL_468014|Original|hCoV-
19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia
>Spike|hCoV-19/Australia/VIC6462/2020|2020-07-23|EPI_ISL_521240|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/LA-BIE-038/2020|2020-04-04|EPI_ISL_463286|Original|hCoV-
19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA
>Spike|hCoV-19/USA/CO-CDPHE-2005220143/2020|2020-05-21|EPI_ISL_710212|Original|hCoV-
19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado
Department of Public Health and Environment|Bankers|USA
>Spike|hCoV-19/England/ALDP-BB5281/2020|2020-11-21|EPI_ISL_701955|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/PORT-2D7307/2020|2020-10-26|EPI_ISL_628331|Original|hCoV-
19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)
Consortium|Robson|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-17909/2020|2020-12-14|EPI_ISL_749638|Original|hCoV-
19^^Midtjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Netherlands/ZH-EMC-1017/2020|2020-11-16|EPI_ISL_722395|Original|hCoV-
19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
Munnink|Netherlands
>Spike|hCoV-19/India/MH-ACTREC-354/2020|2020-07-22|EPI_ISL_700003|Original|hCoV-
19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology
Laboratory|Patkar|India
>Spike|hCoV-19/USA/WA-UW-47458/2020|2020-12-09|EPI_ISL_776730|Original|hCoV-
19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/UT-UPHL-2012260600/2020|2020-11-30|EPI_ISL_746854|Original|hCoV-
19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health
Laboratory|Gallagher|USA
>Spike|hCoV-19/USA/TX-DSHS-1341/2020|2020-04-07|EPI_ISL_654923|Original|hCoV-
19^^Texas|Human|Texas Department of State Health Services|Texas Department of State
Health Services|Rahman|USA
>Spike|hCoV-19/England/QEUEH-AEFB57/2020|2020-10-29|EPI_ISL_662707|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/KRISP-02/2020|2020-03-23|EPI_ISL_421572|Original|hCoV-
19^^KwaZulu-Natal|Human|Molecular Diagnostic Services and FLOWpath|KRISP|de
Oliveira|South Africa
>Spike|hCoV-19/England/LIVE-9DF38/2020|2020-04-07|EPI_ISL_453250|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/QEUEH-A029BE/2020|2020-09-29|EPI_ISL_584940|Original|hCoV-
19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK)
Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Spain/RI-IBV-99005871/2020|2020-03-11|EPI_ISL_537414|Original|hCoV-
19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital
San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-1333/2020|2020-06-01|EPI_ISL_618007|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-289945-01/2020|2020-12-21|EPI_ISL_767520|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Finland/23LS1H5/2020|2020-10-23|EPI_ISL_759774|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-ABC4B2/2020|2020-10-22|EPI_ISL_631103|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9B82EA/2020|2020-09-09|EPI_ISL_568223|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1011/2020|2020-04-10|EPI_ISL_542492|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0830/2020|2020-04-00|EPI_ISL_684440|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-PHL-3536/2020|2020-03-00|EPI_ISL_418362|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/Switzerland/Vs-ETHZ-250103/2020|2020-08-20|EPI_ISL_535618|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC14118/2020|2020-09-20|EPI_ISL_592346|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/ZH-EMC-708/2020|2020-09-28|EPI_ISL_632556|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-UM-10036813433/2020|2020-11-06|EPI_ISL_728403|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Taiwan/NTU21/2020|2020-03-19|EPI_ISL_422422|Vero E6|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/England/ALDP-8FEDAC/2020|2020-06-24|EPI_ISL_551433|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C0D32/2020|2020-10-30|EPI_ISL_638877|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17782/2020|2020-12-14|EPI_ISL_749565|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4516/2020|2020-09-21|EPI_ISL_621312|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/GJ-GBRC93/2020|2020-04-28|EPI_ISL_447555|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Spain/VC-FISABIO-179/2020|2020-03-21|EPI_ISL_436274|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/NORT-282CC4/2020|2020-03-29|EPI_ISL_472225|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Belgium/ULG-10529/2020|2020-10-23|EPI_ISL_626300|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/England/LOND-D3BE7/2020|2020-04-04|EPI_ISL_449639|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/USA/MN-MDH-2176/2020|2020-11-24|EPI_ISL_723127|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA
>Spike|hCoV-19/England/QEUEH-A1E82B/2020|2020-09-29|EPI_ISL_587349|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-CZB-14926/2020|2020-11-27|EPI_ISL_738741|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/USA/LA-EVTL694/2020|2020-07-14|EPI_ISL_653386|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/England/LIVE-A8F76/2020|2020-03-26|EPI_ISL_517238|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Canada/BC-BCCDC-8604/2020|2020-11-00|EPI_ISL_740847|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada
>Spike|hCoV-19/USA/TX-HMH-MCoV-9003/2020|2020-07-02|EPI_ISL_780887|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-A6C90D/2020|2020-10-15|EPI_ISL_608345|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/FL-BPHL-1221/2020|2020-07-27|EPI_ISL_541194|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/QEUEH-A00033/2020|2020-10-02|EPI_ISL_600367|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-WSLH-200246/2020|2020-04-14|EPI_ISL_578464|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/USA/CA-ALSR-2668/2020|2020-07-12|EPI_ISL_635619|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/CAMC-B5213E/2020|2020-11-08|EPI_ISL_657920|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/SHEF-C683B/2020|2020-09-05|EPI_ISL_559910|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6961/2020|2020-06-28|EPI_ISL_546388|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-BBA8C6/2020|2020-11-20|EPI_ISL_701806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC9675/2020|2020-08-15|EPI_ISL_565647|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/LA-EVTL430/2020|2020-06-11|EPI_ISL_578836|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUEH-9B74C7/2020|2020-09-05|EPI_ISL_590641|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9C3932/2020|2020-09-10|EPI_ISL_566717|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-951E2B/2020|2020-06-10|EPI_ISL_551338|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW319/2020|2020-03-15|EPI_ISL_418886|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-4011/2020|2020-09-14|EPI_ISL_615783|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1BC3FA/2020|2020-11-26|EPI_ISL_723870|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/NSW3638/2020|2020-12-12|EPI_ISL_717705|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/England/201021555/2020|2020-03-03|EPI_ISL_464294|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25955/2020|2020-03-24|EPI_ISL_422329|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3216/2020|2020-08-01|EPI_ISL_635916|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Singapore/251/2020|2020-03-21|EPI_ISL_462369|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/20139010604/2020|2020-03-27|EPI_ISL_421873|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-C324FE/2020|2020-12-11|EPI_ISL_782539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1077/2020|2020-07-31|EPI_ISL_593711|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/EDB6546/2020|2020-04-13|EPI_ISL_487660|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C5B7D8/2020|2020-12-14|EPI_ISL_735987|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/DL-NVRL-20G45634/2020|2020-04-03|EPI_ISL_666703|Original|hCoV-19^^Donegal|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium-Teagasc Grange|McCabe|Ireland

>Spike|hCoV-19/Switzerland/ZH-ETHZ-300406/2020|2020-09-29|EPI_ISL_603371|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/MD-IBV-99008479/2020|2020-08-10|EPI_ISL_654061|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-AA573B/2020|2020-10-22|EPI_ISL_630840|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20231/2020|2020-11-30|EPI_ISL_723381|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Belgium/DAL-0327318/2020|2020-03-27|EPI_ISL_462172|Original|hCoV-19^^Anzegem|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-951D5B/2020|2020-06-10|EPI_ISL_555437|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-222F45/2020|2020-11-09|EPI_ISL_741552|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12467/2020|2020-11-16|EPI_ISL_682648|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/IB-IBV-2523/2020|2020-03-20|EPI_ISL_468956|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-2BD71/2020|2020-04-08|EPI_ISL_445843|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20164067904/2020|2020-04-13|EPI_ISL_466466|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-5247/2020|2020-07-00|EPI_ISL_690350|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-GBCL-26556525/2020|2020-04-16|EPI_ISL_485169|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/ALDP-B5E1C9/2020|2020-11-09|EPI_ISL_723639|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/205260414/2020|2020-00-00|EPI_ISL_766534|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3299/2020|2020-07-21|EPI_ISL_548311|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-B8871F/2020|2020-11-14|EPI_ISL_674443|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-1192/2020|2020-03-31|EPI_ISL_437636|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/LOND-D5DEF/2020|2020-04-18|EPI_ISL_444248|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20424/2020|2020-12-21|EPI_ISL_759139|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A4568B/2020|2020-10-06|EPI_ISL_598725|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-596/2020|2020-03-28|EPI_ISL_436985|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002860/2020|2020-08-31|EPI_ISL_602675|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Northern Ireland/NIRE-1022F8/2020|2020-03-23|EPI_ISL_441400|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1048/2020|2020-03-16|EPI_ISL_614679|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0242/2020|2020-05-02|EPI_ISL_480893|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH057/2020|2020-03-17|EPI_ISL_434766|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15397/2020|2020-10-22|EPI_ISL_786881|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR2578/2020|2020-04-16|EPI_ISL_477979|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-724COB/2020|2020-07-01|EPI_ISL_557686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000315/2020|2020-04-23|EPI_ISL_631841|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Luxembourg/LNS1213113/2020|2020-10-29|EPI_ISL_739909|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-CB4D53/2020|2020-12-20|EPI_ISL_761170|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MP-DRDE-4624/2020|2020-05-25|EPI_ISL_476896|Original|hCoV-19^^Madhya Pradesh|Human|Defence Research & Development Establishment (DRDE)|Defence Research & Development Establishment (DRDE)|Dash|India

>Spike|hCoV-19/England/MILK-975FF1/2020|2020-08-21|EPI_ISL_552778|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002201/2020|2020-07-01|EPI_ISL_515599|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-4112/2020|2020-07-00|EPI_ISL_692352|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-CE99A/2020|2020-11-30|EPI_ISL_707004|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-CEFC16/2020|2020-12-17|EPI_ISL_781893|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1584/2020|2020-03-17|EPI_ISL_603895|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20130093704/2020|2020-03-23|EPI_ISL_423685|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Shanghai/SH0037/2020|2020-01-30|EPI_ISL_416346|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/England/CAMB-78B4E/2020|2020-04-03|EPI_ISL_441056|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-A45032/2020|2020-10-06|EPI_ISL_598596|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10295/2020|2020-11-09|EPI_ISL_669881|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-965880/2020|2020-08-12|EPI_ISL_531117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1446/2020|2020-04-19|EPI_ISL_562216|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1035/2020|2020-05-01|EPI_ISL_463525|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-5763/2020|2020-06-29|EPI_ISL_546997|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-BIE-097/2020|2020-04-06|EPI_ISL_426628|Original|hCoV-19^^Louisiana|Human|Ochsner Health|BioInfoExperts|Cross|USA

>Spike|hCoV-19/England/ALDP-9CBEA4/2020|2020-09-15|EPI_ISL_575443|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A923A6/2020|2020-10-19|EPI_ISL_611282|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE9CC/2020|2020-04-30|EPI_ISL_524613|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10130/2020|2020-05-29|EPI_ISL_461474|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUA-9E51BA/2020|2020-09-24|EPI_ISL_600978|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6354/2020|2020-09-21|EPI_ISL_622304|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/VC-FISABIO-166/2020|2020-03-19|EPI_ISL_436261|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/United Arab Emirates/0011/2020|2020-05-07|EPI_ISL_698221|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Ireland/D-NVRL-MPU95698/2020|2020-04-13|EPI_ISL_767786|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/QEUA-B43437/2020|2020-11-08|EPI_ISL_657062|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC60/2020|2020-04-01|EPI_ISL_475674|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/ALDP-A688C8/2020|2020-10-12|EPI_ISL_608350|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94DD52/2020|2020-06-20|EPI_ISL_555564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42338923/2020|2020-07-03|EPI_ISL_581894|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/WA-UW-12652/2020|2020-06-29|EPI_ISL_570883|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Spain/PV-IBV-000865/2020|2020-03-25|EPI_ISL_452690|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiología. Hospital Universitario

Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-ABB3B6/2020|2020-10-21|EPI_ISL_623387|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51622/2020|2020-10-07|EPI_ISL_598011|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHW35/2020|2020-03-11|EPI_ISL_416024|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC16392/2020|2020-08-04|EPI_ISL_640907|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-991B91/2020|2020-08-26|EPI_ISL_577028|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/NSW2774/2020|2020-09-10|EPI_ISL_678344|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/England/204221378/2020|2020-00-00|EPI_ISL_593786|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AD541D/2020|2020-10-26|EPI_ISL_649696|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A208F9/2020|2020-10-01|EPI_ISL_587666|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14946/2020|2020-11-29|EPI_ISL_739132|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-DSHS-0297/2020|2020-06-13|EPI_ISL_534265|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-8381/2020|2020-10-26|EPI_ISL_617340|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-13386/2020|2020-11-30|EPI_ISL_712167|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-NIV-26115/2020|2020-05-12|EPI_ISL_479525|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/CAMB-82929/2020|2020-04-21|EPI_ISL_438639|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-9DA929/2020|2020-09-22|EPI_ISL_580895|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-130081/2020|2020-07-21|EPI_ISL_746622|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1381/2020|2020-06-04|EPI_ISL_678019|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/VIC2491/2020|2020-06-30|EPI_ISL_522189|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Brazil/SP-L7-CD81/2020|2020-03-24|EPI_ISL_476446|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00e9nicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/ALDP-A50C7C/2020|2020-10-07|EPI_ISL_597825|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12E8616/2020|2020-12-15|EPI_ISL_741335|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LEED-2A868E/2020|2020-03-29|EPI_ISL_539059|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20361/2020|2020-03-14|EPI_ISL_450572|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00232148/2020|2020-03-22|EPI_ISL_535980|Original|hCoV-19^^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/South Korea/KDCA0429/2020|2020-11-09|EPI_ISL_760213|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/BRIS-12EC70/2020|2020-04-21|EPI_ISL_488284|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E88AC/2020|2020-04-11|EPI_ISL_448244|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC5373/2020|2020-07-17|EPI_ISL_520136|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-8F6928/2020|2020-06-24|EPI_ISL_556605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08339/2020|2020-05-14|EPI_ISL_524127|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-48797B/2020|2020-10-29|EPI_ISL_639256|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0157/2020|2020-03-23|EPI_ISL_434856|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-1575/2020|2020-09-08|EPI_ISL_569208|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0zur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-ACE031/2020|2020-10-21|EPI_ISL_630128|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2956/2020|2020-08-24|EPI_ISL_616717|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/WA115/2020|2020-04-07|EPI_ISL_596678|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/env/Belgium/VBR-93036-N/2020|2020-04-05|EPI_ISL_539304|Original|hCoV-19^^Flemish Brabant|Environment|KWR Watercycle Research Institute|Erasmus Medical Center|Graaf|Belgium

>Spike|hCoV-19/USA/TX-HMH-4141/2020|2020-06-18|EPI_ISL_543404|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C3B5A7/2020|2020-12-09|EPI_ISL_730915|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A6611A/2020|2020-10-11|EPI_ISL_637631|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-A59262/2020|2020-10-09|EPI_ISL_609160|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1791/2020|2020-06-02|EPI_ISL_496217|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Belgium/regA-10061029/2020|2020-10-06|EPI_ISL_735052|Original|hCoV-19^^Sint-Stevens-Woluwe|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-CHLA-PLM57302171/2020|2020-12-16|EPI_ISL_753690|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/CA-CZB-10291/2020|2020-09-08|EPI_ISL_648499|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-AF413F/2020|2020-10-30|EPI_ISL_663174|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14149/2020|2020-11-30|EPI_ISL_711239|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW707/2020|2020-07-25|EPI_ISL_513350|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Australia/WA257/2020|2020-08-27|EPI_ISL_594171|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/CAMB-7A265/2020|2020-04-03|EPI_ISL_441267|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-8582/2020|2020-08-00|EPI_ISL_686178|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B01DB2/2020|2020-10-24|EPI_ISL_642843|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003470/2020|2020-09-10|EPI_ISL_602803|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-BC0E16/2020|2020-11-22|EPI_ISL_704894|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR402/2020|2020-03-22|EPI_ISL_439075|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/IA-CDC-2-3714371/2020|2020-11-29|EPI_ISL_751687|Original|hCoV-19^^Iowa|Human|IA State Hygienic Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Brazil/SP-L8-CD106/2020|2020-03-23|EPI_ISL_476453|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/ALDP-B83046/2020|2020-11-14|EPI_ISL_675666|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SH-ETHZ-180032/2020|2020-07-01|EPI_ISL_489974|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-17550/2020|2020-12-14|EPI_ISL_751062|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2E406/2020|2020-10-06|EPI_ISL_586672|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5235/2020|2020-10-19|EPI_ISL_626988|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11067/2020|2020-12-14|EPI_ISL_737318|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Australia/NSW13/2020|2020-03-04|EPI_ISL_413599|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology - Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Rockett|Australia

>Spike|hCoV-19/USA/HI-H200607/2020|2020-11-23|EPI_ISL_753133|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/South Africa/LR00125/2020|2020-07-20|EPI_ISL_514357|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Scotland/QEUA-95E4FF/2020|2020-08-10|EPI_ISL_534428|Original|hCoV-19^^Scotland|Human|NHS GGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9FAEAC/2020|2020-09-28|EPI_ISL_588215|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-108FBF/2020|2020-10-13|EPI_ISL_652305|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUA-A49B79/2020|2020-10-03|EPI_ISL_595961|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1557/2020|2020-03-18|EPI_ISL_603802|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Luxembourg/LNS6959492/2020|2020-07-16|EPI_ISL_744486|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/EDB3215/2020|2020-04-07|EPI_ISL_487719|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-120035/2020|2020-04-19|EPI_ISL_468225|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-6285D0/2020|2020-07-05|EPI_ISL_557742|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-118/2020|2020-11-07|EPI_ISL_763158|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/FL-UF-17/2020|2020-04-22|EPI_ISL_468720|Original|hCoV-19^^Florida|Human|University of Florida|University of Florida|Lednicky|USA

>Spike|hCoV-19/Bahrain/341036654/2020|2020-11-16|EPI_ISL_684029|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Thailand/Bangkok-CONI-0308/2020|2020-03-16|EPI_ISL_693379|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Australia/NSW1195/2020|2020-10-30|EPI_ISL_667795|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-355E5/2020|2020-04-24|EPI_ISL_474451|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7808479/2020|2020-11-28|EPI_ISL_744635|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/NGY-NNH-031/2020|2020-07-23|EPI_ISL_636997|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/Malaysia/UNIMAS-0136/2020|2020-03-31|EPI_ISL_718152|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/Indonesia/JB-TFRIC19-R49544/2020|2020-07-25|EPI_ISL_528759|Original|hCoV-19^^West Java|Human|Santo Borromeus Hospital|School of Life Sciences and Technology & School of Pharmacy-Institut Teknologi Bandung; Molecular Genetics Laboratory-Faculty of Medicine-Universitas Padjadjaran; Laboratorium Kesehatan Provinsi Jawa Barat|Tan|Indonesia

>Spike|hCoV-19/New Zealand/20CV0219/2020|2020-09-01|EPI_ISL_548066|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-A6B300/2020|2020-10-09|EPI_ISL_608823|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20792/2020|2020-04-29|EPI_ISL_471813|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18167/2020|2020-11-14|EPI_ISL_784515|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-0386/2020|2020-04-29|EPI_ISL_489795|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WI-UW-240/2020|2020-03-27|EPI_ISL_428336|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/South Africa/KRISP-K002324/2020|2020-07-22|EPI_ISL_515700|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1047/2020|2020-10-28|EPI_ISL_700539|Original|hCoV-19^^Western Cape|Human|Conville CDC wc CVC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Japan/PG-5419/2020|2020-08-00|EPI_ISL_690522|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUH-AADD40/2020|2020-10-22|EPI_ISL_623876|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C75662/2020|2020-12-15|EPI_ISL_769178|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A8C67/2020|2020-08-31|EPI_ISL_550108|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200728/2020|2020-07-02|EPI_ISL_631484|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease

Division|Wisconsin State Laboratory of Hygiene Communicable Disease
Division|Florek|USA
>Spike|hCoV-19/Spain/MD-IBV-006437/2020|2020-05-28|EPI_ISL_510148|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Mexico/BCN-ALSR-2484/2020|2020-05-26|EPI_ISL_635495|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u221a\u2265tico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico
>Spike|hCoV-19/Scotland/QEUIH-96D4B1/2020|2020-08-19|EPI_ISL_534626|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Hungary/SRC-00419/2020|2020-03-26|EPI_ISL_435410|Original|hCoV-19^^Baranya|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary
>Spike|hCoV-19/Wales/PHWC-48AEE2/2020|2020-11-02|EPI_ISL_666171|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/ALDP-A2DDDF/2020|2020-10-03|EPI_ISL_586721|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1BBBA8/2020|2020-11-18|EPI_ISL_679203|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/Japan/PG-6036/2020|2020-07-00|EPI_ISL_689148|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/SHEF-CD97D/2020|2020-03-30|EPI_ISL_432551|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/SHEF-10C60E5/2020|2020-12-16|EPI_ISL_763653|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom
>Spike|hCoV-19/England/ALDP-B5DF39/2020|2020-11-09|EPI_ISL_723613|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Japan/PG-5972/2020|2020-07-00|EPI_ISL_689087|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/ALDP-CB610A/2020|2020-12-20|EPI_ISL_761670|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/LIVE-A5401/2020|2020-03-20|EPI_ISL_499819|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/AZ-TG547233/2020|2020-07-02|EPI_ISL_695440|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/USA/MI-MDHHS-SC20182/2020|2020-03-24|EPI_ISL_436860|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/USA/FL-BPHL-0113/2020|2020-04-07|EPI_ISL_450847|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/England/ALDP-A875DB/2020|2020-10-17|EPI_ISL_606164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORW-E6F9A/2020|2020-04-19|EPI_ISL_448994|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Portugal/IGC4103/2020|2020-06-01|EPI_ISL_491231|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/England/CAMB-79EEA/2020|2020-04-02|EPI_ISL_440559|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Belgium/ITM_C406/2020|2020-04-09|EPI_ISL_434386|Original|hCoV-19^^Antwerp|Human|Hospital AZ Rivierenland|Institute of Tropical Medicine|Selhorst|Belgium

>Spike|hCoV-19/Spain/CN-IBV-002600/2020|2020-03-16|EPI_ISL_467087|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00e9|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/NSW2938/2020|2020-10-03|EPI_ISL_678370|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/England/ALDP-C8B54E/2020|2020-12-17|EPI_ISL_756407|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2246/2020|2020-06-09|EPI_ISL_497674|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-21332/2020|2020-12-21|EPI_ISL_759684|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/QLD957/2020|2020-07-27|EPI_ISL_530240|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Wales/PHWC-4A6466/2020|2020-12-17|EPI_ISL_765039|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-726/2020|2020-03-19|EPI_ISL_571459|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-3086/2020|2020-04-00|EPI_ISL_691209|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-EVTL422/2020|2020-06-10|EPI_ISL_578828|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-49147D/2020|2020-11-18|EPI_ISL_706656|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-ADC7A/2020|2020-00-00|EPI_ISL_448626|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-UW-774/2020|2020-07-06|EPI_ISL_495478|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WI-GMF-09752/2020|2020-07-07|EPI_ISL_489955|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUEH-B11687/2020|2020-11-02|EPI_ISL_642268|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96D509/2020|2020-08-19|EPI_ISL_534607|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16528A/2020|2020-05-11|EPI_ISL_479442|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9A38A/2020|2020-04-17|EPI_ISL_440858|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DEC77/2020|2020-09-21|EPI_ISL_581344|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99FF5/2020|2020-11-15|EPI_ISL_673509|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-14/2020|2020-03-09|EPI_ISL_419678|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Australia/VIC9959/2020|2020-07-23|EPI_ISL_565805|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/CT-IBV-97010124/2020|2020-11-13|EPI_ISL_683642|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1BAECE/2020|2020-11-11|EPI_ISL_665000|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-S508/2020|2020-03-30|EPI_ISL_434268|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A2F159/2020|2020-10-05|EPI_ISL_587159|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D00A6/2020|2020-09-15|EPI_ISL_601821|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B13719/2020|2020-10-30|EPI_ISL_641861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00388/2020|2020-05-12|EPI_ISL_693156|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Austria/CeMM0320/2020|2020-03-30|EPI_ISL_475791|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-B75056/2020|2020-11-12|EPI_ISL_662141|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B116/2020|2020-10-30|EPI_ISL_643562|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3388/2020|2020-05-00|EPI_ISL_691502|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204261094/2020|2020-10-14|EPI_ISL_622856|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NOTT-119346/2020|2020-10-31|EPI_ISL_637300|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Romania/ROSV_5000/2020|2020-04-27|EPI_ISL_491082|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/USA/WI-WSLH-200359/2020|2020-04-21|EPI_ISL_578529|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/CA-CZB-14652/2020|2020-11-16|EPI_ISL_739055|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/CA-CZB-1326/2020|2020-03-22|EPI_ISL_468357|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22486/2020|2020-11-08|EPI_ISL_708587|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00239440/2020|2020-03-26|EPI_ISL_536253|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Australia/VIC9542/2020|2020-08-21|EPI_ISL_594145|Original|hCoV-19^^Victoria|Human|MDU-PHL|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B1BC9A/2020|2020-11-01|EPI_ISL_646077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-3043/2020|2020-09-30|EPI_ISL_667454|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-CDC-3009/2020|2020-03-10|EPI_ISL_452112|Original|hCoV-19^^Texas|Human|Texas DSHS Lab Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/NY-NYUMC30/2020|2020-03-17|EPI_ISL_418976|Original|hCoV-19^^New York|Human|NYU Langone Health|Department of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/QEUA-A7882F/2020|2020-10-12|EPI_ISL_638766|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7384/2020|2020-10-12|EPI_ISL_619345|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4802/2020|2020-09-21|EPI_ISL_621412|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-0659-IPL/2020|2020-04-29|EPI_ISL_483284|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0847/2020|2020-07-24|EPI_ISL_640071|Original|hCoV-19^^Western Cape|Human|Guguletu CHC w GDH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/MILK-9929F0/2020|2020-08-27|EPI_ISL_552183|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A052/2020|2020-12-01|EPI_ISL_727485|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NT19/2020|2020-00-00|EPI_ISL_426636|Original|hCoV-19^^Northern territory|Human|Royal Darwin Hospital Pathology|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC12997/2020|2020-08-01|EPI_ISL_592143|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1807/2020|2020-09-11|EPI_ISL_605679|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/United Arab Emirates/0287/2020|2020-05-17|EPI_ISL_698467|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Wales/ALDP-9CD367/2020|2020-09-16|EPI_ISL_566219|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1536/2020|2020-03-17|EPI_ISL_603784|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR4019/2020|2020-08-29|EPI_ISL_535118|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9784/2020|2020-11-09|EPI_ISL_669175|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17541/2020|2020-12-14|EPI_ISL_751056|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG640877/2020|2020-04-13|EPI_ISL_695807|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-22293/2020|2020-12-14|EPI_ISL_757841|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1886/2020|2020-04-27|EPI_ISL_622542|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC10132/2020|2020-08-05|EPI_ISL_562802|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MD-MDH-0107/2020|2020-05-27|EPI_ISL_522842|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Wales/MILK-97687D/2020|2020-08-21|EPI_ISL_552766|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8B2B0/2020|2020-12-17|EPI_ISL_762887|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-NH13/2020|2020-03-13|EPI_ISL_418782|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUEH-AF4CB6/2020|2020-10-30|EPI_ISL_662950|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15E66A/2020|2020-05-13|EPI_ISL_472824|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0510/2020|2020-06-21|EPI_ISL_560953|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Portugal/PT1841/2020|2020-11-10|EPI_ISL_732061|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-A7A34A/2020|2020-10-15|EPI_ISL_606794|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-B1255C/2020|2020-11-02|EPI_ISL_647867|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C53882/2020|2020-12-12|EPI_ISL_769647|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-808/2020|2020-07-15|EPI_ISL_509817|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMB-77453/2020|2020-03-31|EPI_ISL_438545|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4475/2020|2020-07-08|EPI_ISL_649052|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-9542D1/2020|2020-06-13|EPI_ISL_553767|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL997/2020|2020-08-20|EPI_ISL_653688|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-0275/2020|2020-03-00|EPI_ISL_479956|Original|hCoV-19^^Kansai|Human|Osaka Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AN-IBV-001322/2020|2020-03-23|EPI_ISL_452551|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Singapore/434/2020|2020-03-13|EPI_ISL_475965|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-98F932/2020|2020-08-26|EPI_ISL_540123|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-M740/2020|2020-06-11|EPI_ISL_495235|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Netherlands/ZH-EMC-1103/2020|2020-12-13|EPI_ISL_722775|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC1275/2020|2020-03-25|EPI_ISL_430687|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-970A40/2020|2020-08-18|EPI_ISL_553262|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0E1D7/2020|2020-11-02|EPI_ISL_642120|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-292414/2020|2020-05-04|EPI_ISL_489144|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3082/2020|2020-04-24|EPI_ISL_449184|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC407/2020|2020-04-12|EPI_ISL_430434|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9387/2020|2020-07-03|EPI_ISL_781089|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-CAD9B3/2020|2020-12-20|EPI_ISL_760885|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1713/2020|2020-08-23|EPI_ISL_560800|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/WI-UW-699/2020|2020-06-29|EPI_ISL_491377|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUA-AAC6FB/2020|2020-10-21|EPI_ISL_652868|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/20189042501/2020|2020-05-01|EPI_ISL_465528|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4681/2020|2020-09-14|EPI_ISL_621913|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/MB-NML-1125/2020|2020-08-04|EPI_ISL_582459|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/VIC14313/2020|2020-08-04|EPI_ISL_591718|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-S80/2020|2020-03-19|EPI_ISL_586448|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/NY-Wadsworth-251951-01/2020|2020-10-22|EPI_ISL_734392|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Sweden/20-50933/2020|2020-04-20|EPI_ISL_475161|Original|hCoV-19^^Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/India/MH-NIV-6315/2020|2020-03-30|EPI_ISL_454542|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/MA-JLL-17S1/2020|2020-00-00|EPI_ISL_632305|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/England/CAMC-B078CA/2020|2020-10-30|EPI_ISL_643697|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB3AC5/2020|2020-10-21|EPI_ISL_650939|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-UW-132/2020|2020-04-10|EPI_ISL_427439|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-4804F9/2020|2020-10-22|EPI_ISL_612895|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14671/2020|2020-11-23|EPI_ISL_711440|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/reg-0414494/2020|2020-04-14|EPI_ISL_734577|Original|hCoV-19^^Ath|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-BFB771/2020|2020-12-05|EPI_ISL_709096|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C949/2020|2020-10-14|EPI_ISL_607023|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C643F6/2020|2020-12-14|EPI_ISL_778504|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CC31FB/2020|2020-12-21|EPI_ISL_760807|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16ABD5/2020|2020-09-12|EPI_ISL_560168|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0198/2020|2020-11-24|EPI_ISL_747433|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/WI-UW-2531/2020|2020-12-30|EPI_ISL_779362|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Scotland/CVR487/2020|2020-03-23|EPI_ISL_433303|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15032/2020|2020-11-23|EPI_ISL_713593|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17705/2020|2020-12-14|EPI_ISL_750266|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-2115/2020|2020-05-13|EPI_ISL_486345|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/QEUA-9B405D/2020|2020-09-03|EPI_ISL_559877|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18344/2020|2020-12-07|EPI_ISL_749903|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0029/2020|2020-03-09|EPI_ISL_437918|Original|hCoV-19^^Ischgl|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Luxembourg/LNS7392121/2020|2020-10-26|EPI_ISL_744563|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/SHEF-CBC0D/2020|2020-05-30|EPI_ISL_535074|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-C0646C/2020|2020-12-06|EPI_ISL_709349|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9EDD/2020|2020-09-24|EPI_ISL_580032|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-66D232/2020|2020-07-03|EPI_ISL_558121|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM60947497/2020|2020-11-15|EPI_ISL_753336|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/TX-HMH-6118/2020|2020-07-04|EPI_ISL_547253|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-AF3FB/2020|2020-04-13|EPI_ISL_478734|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12785/2020|2020-11-09|EPI_ISL_682966|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C8A0A8/2020|2020-12-16|EPI_ISL_762659|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_15918444/2020|2020-04-00|EPI_ISL_468678|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/NY-Wadsworth-289888-01/2020|2020-12-22|EPI_ISL_767514|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WI-UW-661/2020|2020-06-26|EPI_ISL_491348|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMB-78DC0/2020|2020-04-02|EPI_ISL_441279|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0993/2020|2020-07-03|EPI_ISL_614000|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-5A5A82/2020|2020-06-15|EPI_ISL_558876|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14738/2020|2020-08-13|EPI_ISL_592978|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-97529E/2020|2020-08-21|EPI_ISL_552557|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B260EB/2020|2020-11-04|EPI_ISL_646558|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132107704/2020|2020-03-24|EPI_ISL_423845|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A22CA/2020|2020-12-14|EPI_ISL_743870|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96C87A/2020|2020-08-21|EPI_ISL_534570|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2523/2020|2020-06-15|EPI_ISL_497155|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Belgium/regA-0411449/2020|2020-04-11|EPI_ISL_476959|Original|hCoV-19^^Harchies|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-48DF82/2020|2020-11-09|EPI_ISL_680785|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG381595/2020|2020-06-15|EPI_ISL_694665|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Netherlands/NB-EMC-202/2020|2020-00-00|EPI_ISL_523325|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-03808/2020|2020-04-02|EPI_ISL_509594|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUA-96B43B/2020|2020-08-14|EPI_ISL_531338|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7576/2020|2020-07-00|EPI_ISL_686678|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-294D80/2020|2020-03-28|EPI_ISL_488591|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B2EC58/2020|2020-11-04|EPI_ISL_659779|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4817/2020|2020-10-26|EPI_ISL_635075|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/20126104604/2020|2020-03-18|EPI_ISL_423916|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B736ED/2020|2020-11-12|EPI_ISL_662365|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-321494/2020|2020-10-15|EPI_ISL_603706|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/BIRM-64FFE/2020|2020-09-28|EPI_ISL_594539|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Brazil/CE-L11-CD196/2020|2020-03-23|EPI_ISL_476200|Original|hCoV-19^^Cear\u00e1|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/USA/UT-UPHL-201202700/2020|2020-12-01|EPI_ISL_684022|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-15555/2020|2020-11-23|EPI_ISL_713298|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-SC057/2020|2020-04-09|EPI_ISL_666671|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/WA-UW-10039/2020|2020-05-29|EPI_ISL_461455|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-54CC3C/2020|2020-05-12|EPI_ISL_533387|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2119/2020|2020-10-24|EPI_ISL_677239|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-C3190F/2020|2020-12-11|EPI_ISL_782650|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C0FF0/2020|2020-04-28|EPI_ISL_475350|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-964405/2020|2020-08-11|EPI_ISL_536920|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EE148/2020|2020-05-08|EPI_ISL_589447|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15534/2020|2020-10-23|EPI_ISL_787018|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-95A226/2020|2020-06-12|EPI_ISL_555040|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-121862/2020|2020-12-22|EPI_ISL_764517|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/205260473/2020|2020-12-18|EPI_ISL_754324|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B949DE/2020|2020-11-14|EPI_ISL_673790|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-18038/2020|2020-04-01|EPI_ISL_678502|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-1812/2020|2020-05-18|EPI_ISL_617954|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/SP-L8-CD112/2020|2020-03-17|EPI_ISL_476458|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/GSTT-6584/2020|2020-03-28|EPI_ISL_561367|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/England/LEED-2AA14F/2020|2020-03-12|EPI_ISL_538842|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D6C5/2020|2020-10-06|EPI_ISL_586679|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_45/2020|2020-03-19|EPI_ISL_422917|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Singapore/34/2020|2020-03-12|EPI_ISL_420111|Original|hCoV-19^^Singapore|Human|National Centre for Infectious Diseases|Programme in Emerging Infectious Diseases|Smith|Singapore

>Spike|hCoV-19/Japan/PG-5829/2020|2020-08-00|EPI_ISL_688946|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-9415B0/2020|2020-07-22|EPI_ISL_556847|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2444455/2020|2020-10-23|EPI_ISL_740124|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/AZ-TG493508/2020|2020-07-13|EPI_ISL_695232|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/NSW1110/2020|2020-08-29|EPI_ISL_593725|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-4369/2020|2020-07-00|EPI_ISL_692596|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1774/2020|2020-09-16|EPI_ISL_605646|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC10788/2020|2020-09-02|EPI_ISL_563090|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B0BAB1/2020|2020-10-29|EPI_ISL_643600|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9C8A2B/2020|2020-09-10|EPI_ISL_567081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B3D3/2020|2020-11-04|EPI_ISL_666232|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Guangzhou/GZMU0003/2020|2020-02-07|EPI_ISL_429074|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spike|hCoV-19/Japan/PG-4966/2020|2020-07-00|EPI_ISL_690084|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/New Zealand/20CV0249/2020|2020-09-06|EPI_ISL_548078|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUH-B0E8F0/2020|2020-11-02|EPI_ISL_642059|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS261/2020|2020-04-08|EPI_ISL_522689|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/RI-IBV-99005893/2020|2020-03-22|EPI_ISL_537435|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1B01A1/2020|2020-05-06|EPI_ISL_448112|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/EDB4652/2020|2020-05-08|EPI_ISL_478179|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/SHEF-C72D2/2020|2020-04-27|EPI_ISL_479225|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-ACE58D/2020|2020-10-21|EPI_ISL_629614|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-293/2020|2020-07-03|EPI_ISL_523635|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-96320C/2020|2020-08-11|EPI_ISL_531628|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-81C30/2020|2020-04-12|EPI_ISL_443060|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/MUR-RII-MH1700S/2020|2020-09-17|EPI_ISL_602344|Original|hCoV-19^^Murmansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUH-AD5170/2020|2020-10-26|EPI_ISL_634132|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2073/2020|2020-04-09|EPI_ISL_490659|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/SAP285/2020|2020-03-31|EPI_ISL_468035|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/NORW-F992D/2020|2020-12-03|EPI_ISL_725410|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-ACEA8E/2020|2020-10-21|EPI_ISL_629549|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7984/2020|2020-08-10|EPI_ISL_564789|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-01883/2020|2020-04-13|EPI_ISL_470703|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/env/Beijing/BJ2452/2020|2020-03-14|EPI_ISL_430743|Original|hCoV-19^^Beijing|Environment|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China

>Spike|hCoV-19/Spain/NC-IBV-001406/2020|2020-03-20|EPI_ISL_452495|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMB-81799/2020|2020-04-11|EPI_ISL_442564|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000383/2020|2020-03-29|EPI_ISL_631875|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LOND-1262E94/2020|2020-10-16|EPI_ISL_612450|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/NSW364/2020|2020-04-14|EPI_ISL_451625|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/MILK-AB7736/2020|2020-10-19|EPI_ISL_623331|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC1C2A/2020|2020-11-22|EPI_ISL_704785|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A21175/2020|2020-10-01|EPI_ISL_587530|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/VEN-IZSVE-94-28/2020|2020-04-17|EPI_ISL_522868|Original|hCoV-19^^Veneto|Human|ULSS9 Distretto di Bussolengo|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/ALDP-BB33AE/2020|2020-11-19|EPI_ISL_702678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B4DFC/2020|2020-09-07|EPI_ISL_590365|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2708/2020|2020-07-07|EPI_ISL_522487|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Japan/PG-6719/2020|2020-08-00|EPI_ISL_687830|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-13400/2020|2020-07-02|EPI_ISL_501148|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/OR-OHSU-0253/2020|2020-04-06|EPI_ISL_667080|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-21699/2020|2020-12-21|EPI_ISL_757764|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15025/2020|2020-10-16|EPI_ISL_786509|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-941D6D/2020|2020-07-22|EPI_ISL_556852|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10210A/2020|2020-03-20|EPI_ISL_441382|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUA-C5C42B/2020|2020-12-14|EPI_ISL_769530|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/5735/2020|2020-11-13|EPI_ISL_708153|Original|hCoV-19^^M\u00f8re og Romsdal|Human|Innlandet Hospital Trust|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Denmark/DCGC-20620/2020|2020-12-21|EPI_ISL_758908|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-0438/2020|2020-04-03|EPI_ISL_569508|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/FL-BPHL-1556/2020|2020-09-09|EPI_ISL_568654|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-981E7D/2020|2020-08-09|EPI_ISL_529548|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008566/2020|2020-09-21|EPI_ISL_654106|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mar\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/regal-0615692/2020|2020-06-15|EPI_ISL_734753|Original|hCoV-19^^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/ME-HETL-J0135/2020|2020-09-09|EPI_ISL_755330|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/CAMB-1ADB9A/2020|2020-05-03|EPI_ISL_448041|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48928D/2020|2020-11-01|EPI_ISL_639556|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B19E4/2020|2020-05-13|EPI_ISL_452994|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7252/2020|2020-10-12|EPI_ISL_619229|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20120013404/2020|2020-03-15|EPI_ISL_465154|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18110/2020|2020-11-16|EPI_ISL_784458|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9746DF/2020|2020-08-21|EPI_ISL_575825|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2356/2020|2020-04-00|EPI_ISL_685961|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Uruguay/UY-75/2020|2020-04-25|EPI_ISL_480343|Original|hCoV-19^^Montevideo|Human|Microbial Genomics Laboratory|Microbial Genomics Laboratory|Iraola|Uruguay

>Spike|hCoV-19/England/CAMB-75561/2020|2020-03-14|EPI_ISL_440383|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-BB122B/2020|2020-11-17|EPI_ISL_720056|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C83F3/2020|2020-09-11|EPI_ISL_567232|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28D28B/2020|2020-11-15|EPI_ISL_703599|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A70E/2020|2020-09-09|EPI_ISL_560093|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12671/2020|2020-06-29|EPI_ISL_570888|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/UT-UPHL-2012760285/2020|2020-08-08|EPI_ISL_745473|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-7667/2020|2020-08-00|EPI_ISL_686769|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B37D0E/2020|2020-11-05|EPI_ISL_658787|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B110B/2020|2020-04-27|EPI_ISL_478997|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WA-S2412/2020|2020-06-15|EPI_ISL_497044|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Brazil/ES-225/2020|2020-02-29|EPI_ISL_415128|Original|hCoV-19^^Esp\u00edrito Santo|Human|LACEN/ES - Laborat\u00f3rio Central de Sa\u00fade P\u00fablica do Esp\u00edrito Santo|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRs)|Silva|Brazil

>Spike|hCoV-19/Belgium/reg-09221139/2020|2020-09-22|EPI_ISL_738232|Original|hCoV-19^^Kumtich|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-4311/2020|2020-09-07|EPI_ISL_615748|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-7546/2020|2020-10-12|EPI_ISL_618427|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CT-UW-6594/2020|2020-04-02|EPI_ISL_461417|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/WA335/2020|2020-03-10|EPI_ISL_596878|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/DCGC-1518/2020|2020-06-08|EPI_ISL_618122|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B38E91/2020|2020-11-01|EPI_ISL_658835|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29500E/2020|2020-03-29|EPI_ISL_478625|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LIVE-1D2CE4/2020|2020-03-29|EPI_ISL_612051|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-9C9161/2020|2020-09-11|EPI_ISL_567138|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/TA-NVRL-75IRL33036/2020|2020-10-07|EPI_ISL_671931|Original|hCoV-19^^Tipperary|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/NY-NYUMC315/2020|2020-03-30|EPI_ISL_430342|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-AA39FB/2020|2020-10-22|EPI_ISL_624227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2262/2020|2020-08-10|EPI_ISL_617619|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-276659-01/2020|2020-11-18|EPI_ISL_754583|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-9D1D53/2020|2020-09-19|EPI_ISL_601615|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-53/2020|2020-07-13|EPI_ISL_593868|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|Latour|France

>Spike|hCoV-19/Denmark/DCGC-8419/2020|2020-10-26|EPI_ISL_617916|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/WA11/2020|2020-02-22|EPI_ISL_420456|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012157829/2020|2020-12-02|EPI_ISL_747027|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/PORT-2D38DF/2020|2020-04-16|EPI_ISL_529347|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0250/2020|2020-04-30|EPI_ISL_466904|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/MILK-6F58B5/2020|2020-06-30|EPI_ISL_557456|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6603/2020|2020-07-18|EPI_ISL_521365|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-1958/2020|2020-04-00|EPI_ISL_685564|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CO-CDPHE-2011193707/2020|2020-11-17|EPI_ISL_771251|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Denmark/DCGC-11868/2020|2020-10-26|EPI_ISL_671188|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-1853373/2020|2020-04-06|EPI_ISL_492402|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20144065604/2020|2020-03-31|EPI_ISL_421956|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0A46/2020|2020-10-22|EPI_ISL_625028|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC888/2020|2020-04-06|EPI_ISL_427141|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-1186/2020|2020-08-20|EPI_ISL_526672|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/New Zealand/20VR3895/2020|2020-00-00|EPI_ISL_548092|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Australia/TAS234/2020|2020-04-10|EPI_ISL_522663|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A2E767/2020|2020-10-05|EPI_ISL_586867|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2004220732/2020|2020-04-20|EPI_ISL_710184|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Scotland/CVR796/2020|2020-03-26|EPI_ISL_433341|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC_0004/2020|2020-03-18|EPI_ISL_464051|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Wuhan/IME-WH02/2020|2019-12-30|EPI_ISL_529214|Original|hCoV-19^^Hubei|Human|Beijing Institute of Microbiology and Epidemiology|Beijing Institute of Microbiology and Epidemiology|Fan|China

>Spike|hCoV-19/England/CAMC-A416E9/2020|2020-10-07|EPI_ISL_609484|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED8BD/2020|2020-05-08|EPI_ISL_580695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-6195/2020|2020-05-11|EPI_ISL_729794|Original|hCoV-19^^Rio Grande do Sul|Human|Laboratorio Central de Saude Publica do Estado do Rio Grande do Sul (LACEN-RS)|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/ALDP-A51EDF/2020|2020-10-07|EPI_ISL_597997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-321/2020|2020-06-25|EPI_ISL_523662|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-48005F/2020|2020-10-22|EPI_ISL_611905|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BBB634/2020|2020-11-18|EPI_ISL_705560|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/QLDID939/2020|2020-03-24|EPI_ISL_444793|Original|hCoV-19^^Queensland|Human|Pathology Queensland|Public Health Virology Laboratory|Warrilow|Australia

>Spike|hCoV-19/England/QEUH-9B9D06/2020|2020-09-07|EPI_ISL_549596|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2141/2020|2020-06-20|EPI_ISL_480742|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/VC-FISABIO-604/2020|2020-04-01|EPI_ISL_447523|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Australia/VIC4045/2020|2020-00-00|EPI_ISL_519427|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW-SAViD-2752/2020|2020-09-09|EPI_ISL_537287|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Malaysia/IMR-WC253176/2020|2020-11-02|EPI_ISL_728170|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Scotland/QEUH-9F4A44/2020|2020-09-27|EPI_ISL_600747|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200044475/2020|2020-11-06|EPI_ISL_666760|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19707/2020|2020-11-18|EPI_ISL_784059|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-300280/2020|2020-10-01|EPI_ISL_603312|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/VA-DCLS-1639/2020|2020-08-18|EPI_ISL_614042|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/MILK-B9755F/2020|2020-11-14|EPI_ISL_675124|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0536/2020|2020-10-16|EPI_ISL_637088|Original|hCoV-19^^Bay of Plenty|Human|PathLab Bay of Plenty|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Canada/QC-LSPQ-L00231766/2020|2020-03-22|EPI_ISL_535961|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/VA-DCLS-1271/2020|2020-08-12|EPI_ISL_529958|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUH-B7EAC8/2020|2020-11-14|EPI_ISL_667928|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-964FF5/2020|2020-08-13|EPI_ISL_531161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21358/2020|2020-04-01|EPI_ISL_507612|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC6024/2020|2020-07-22|EPI_ISL_518065|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-7146/2020|2020-09-08|EPI_ISL_582930|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Netherlands/un-EMC-724/2020|2020-04-13|EPI_ISL_523479|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-QDX-1419/2020|2020-03-18|EPI_ISL_572071|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-4816/2020|2020-04-05|EPI_ISL_730158|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LIVE-9COBE/2020|2020-04-01|EPI_ISL_449507|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-96B556/2020|2020-08-17|EPI_ISL_531281|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12267E/2020|2020-04-04|EPI_ISL_440679|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-51088-01/2020|2020-04-17|EPI_ISL_676865|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-99D685/2020|2020-08-30|EPI_ISL_549882|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12450/2020|2020-07-28|EPI_ISL_591991|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC15218/2020|2020-08-02|EPI_ISL_593197|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DC3C80/2020|2020-11-08|EPI_ISL_705874|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/MH-GA8/2020|2020-06-17|EPI_ISL_508274|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Denmark/DCGC-3517/2020|2020-08-31|EPI_ISL_616308|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B2D4F7/2020|2020-11-04|EPI_ISL_659821|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00043/2020|2020-04-02|EPI_ISL_791546|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/LA-EVTL809/2020|2020-07-25|EPI_ISL_653500|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/NORT-2A494D/2020|2020-09-14|EPI_ISL_573390|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH27/2020|2020-03-11|EPI_ISL_429285|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Portugal/PT1780/2020|2020-11-17|EPI_ISL_732009|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Portugal/PT0995/2020|2020-03-22|EPI_ISL_511543|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/MILK-ACBF91/2020|2020-10-20|EPI_ISL_629200|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1289F7/2020|2020-04-14|EPI_ISL_458818|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9EA90/2020|2020-04-04|EPI_ISL_453360|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E11DC/2020|2020-09-20|EPI_ISL_580861|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B83082/2020|2020-11-14|EPI_ISL_675567|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1092/2020|2020-10-05|EPI_ISL_596482|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/BRIS-125CE2/2020|2020-03-30|EPI_ISL_443794|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC1620/2020|2020-05-07|EPI_ISL_456528|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-0712/2020|2020-03-30|EPI_ISL_509770|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/UT-QDX-119/2020|2020-03-13|EPI_ISL_467910|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14134/2020|2020-10-02|EPI_ISL_787419|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B74CEA/2020|2020-11-12|EPI_ISL_662181|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-05255/2020|2020-07-05|EPI_ISL_560868|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1B99FB/2020|2020-11-07|EPI_ISL_664579|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1265/2020|2020-06-16|EPI_ISL_644206|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-AA3C4D/2020|2020-10-22|EPI_ISL_624539|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/02/2020|2020-01-29|EPI_ISL_407073|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Zambon|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0920/2020|2020-06-26|EPI_ISL_699058|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/CA-CZB-16182/2020|2020-12-02|EPI_ISL_738591|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-492E8D/2020|2020-11-27|EPI_ISL_725800|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-97650D/2020|2020-08-20|EPI_ISL_575934|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490AB8/2020|2020-11-16|EPI_ISL_703768|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-279166-01/2020|2020-11-23|EPI_ISL_754478|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/SHEF-C4B61/2020|2020-11-19|EPI_ISL_680137|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-1B04D5/2020|2020-05-11|EPI_ISL_452885|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1271/2020|2020-06-08|EPI_ISL_618064|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-290710-01/2020|2020-12-20|EPI_ISL_767543|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-7818/2020|2020-08-00|EPI_ISL_686920|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-59FD28/2020|2020-06-14|EPI_ISL_558821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11780/2020|2020-07-18|EPI_ISL_641216|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-21226/2020|2020-12-21|EPI_ISL_758819|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/WA416/2020|2020-05-28|EPI_ISL_672628|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-9CAAB0/2020|2020-09-16|EPI_ISL_575566|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D820/2020|2020-10-07|EPI_ISL_586198|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9697E9/2020|2020-08-14|EPI_ISL_531032|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/LR00101/2020|2020-07-14|EPI_ISL_514400|Original|hCoV-19^^Mpumalanga|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Romania/ROSV_12421/2020|2020-06-08|EPI_ISL_491042|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/England/NORT-281D2C/2020|2020-03-24|EPI_ISL_478483|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/India/KA-IB5/2020|2020-06-03|EPI_ISL_508327|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Gambia/NPHL-2500/2020|2020-07-21|EPI_ISL_561263|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Australia/NSW325/2020|2020-04-09|EPI_ISL_451587|Original|hCoV-19^^New South Wales|Human|Pathology North Hunter- NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-6300/2020|2020-08-00|EPI_ISL_689411|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B46847/2020|2020-11-06|EPI_ISL_656299|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Rwanda/U66405-RD/2020|2020-07-00|EPI_ISL_615069|Original|hCoV-19^^Rwanda|Human|Rwanda National Reference Laboratory|Rwanda National Laboratory|Mukantwari|Rwanda

>Spike|hCoV-19/England/ALDP-A5281C/2020|2020-10-07|EPI_ISL_597900|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B04D19/2020|2020-10-24|EPI_ISL_651038|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14122/2020|2020-11-30|EPI_ISL_711417|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1935/2020|2020-10-01|EPI_ISL_613491|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/BRIS-130DA5/2020|2020-03-23|EPI_ISL_501563|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C9901F/2020|2020-12-17|EPI_ISL_762069|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10582/2020|2020-07-06|EPI_ISL_789544|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-29B4B1/2020|2020-06-01|EPI_ISL_493494|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21277/2020|2020-12-21|EPI_ISL_758826|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B0472A/2020|2020-10-24|EPI_ISL_652168|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49244F/2020|2020-11-17|EPI_ISL_706848|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/AMU-RII-MH10147S/2020|2020-11-19|EPI_ISL_733461|Original|hCoV-19^^Amur|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/AZ-TG273340/2020|2020-04-01|EPI_ISL_694055|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-18757/2020|2020-12-07|EPI_ISL_748538|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-8E99A0/2020|2020-06-25|EPI_ISL_556593|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4454/2020|2020-07-16|EPI_ISL_519750|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-QDX-2130/2020|2020-03-18|EPI_ISL_604421|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-AA37F1/2020|2020-10-22|EPI_ISL_625002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10362/2020|2020-11-02|EPI_ISL_669926|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/748/2020|2020-06-22|EPI_ISL_500562|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/USA/VA-DCLS-1402/2020|2020-07-13|EPI_ISL_572240|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-660/2020|2020-03-29|EPI_ISL_437027|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUEH-AD110B/2020|2020-10-26|EPI_ISL_633959|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14596/2020|2020-08-07|EPI_ISL_592910|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B21C46/2020|2020-11-02|EPI_ISL_647369|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6302/2020|2020-11-29|EPI_ISL_775384|Original|hCoV-19^^Rogaland|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/QEUEH-BA18D1/2020|2020-11-18|EPI_ISL_719867|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3768/2020|2020-06-15|EPI_ISL_543177|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BCA5CC/2020|2020-11-23|EPI_ISL_703301|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A9D9/2020|2020-04-03|EPI_ISL_441342|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1531/2020|2020-05-15|EPI_ISL_568629|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-920AE5/2020|2020-06-23|EPI_ISL_552883|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/044/2020|2020-03-22|EPI_ISL_486426|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/New Zealand/20VR1962/2020|2020-04-05|EPI_ISL_579181|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/MA-MASPHL-00265/2020|2020-04-17|EPI_ISL_791699|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19197/2020|2020-11-28|EPI_ISL_783684|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-9D1FF3/2020|2020-09-18|EPI_ISL_601682|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99DA2F/2020|2020-08-30|EPI_ISL_550580|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1438/2020|2020-12-15|EPI_ISL_779104|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/20130086204/2020|2020-03-20|EPI_ISL_423671|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORT-2844E8/2020|2020-03-21|EPI_ISL_478552|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0118/2020|2020-07-24|EPI_ISL_682257|Original|hCoV-19^^Cartago|Human|HOSPITAL SAN JUAN DE DIOS|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/England/CAMC-A577A1/2020|2020-10-08|EPI_ISL_597401|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C2DC/2020|2020-04-15|EPI_ISL_434024|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-B9ADAF/2020|2020-11-15|EPI_ISL_673240|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00089/2020|2020-03-25|EPI_ISL_460184|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Wales/PHWC-491C57/2020|2020-11-11|EPI_ISL_705419|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B555F3/2020|2020-11-05|EPI_ISL_657593|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C159D4/2020|2020-12-05|EPI_ISL_709497|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16154/2020|2020-11-16|EPI_ISL_714609|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/NW-MPP-5/2020|2020-05-25|EPI_ISL_487427|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00f6ttingen|Germany

>Spike|hCoV-19/Denmark/DCGC-14064/2020|2020-11-30|EPI_ISL_711544|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C042E/2020|2020-03-27|EPI_ISL_420179|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Iceland/228/2020|2020-03-17|EPI_ISL_417556|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/TX-HMH-MCoV-8807/2020|2020-07-01|EPI_ISL_780769|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC169/2020|2020-03-18|EPI_ISL_419866|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A6E570/2020|2020-10-15|EPI_ISL_607127|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8B531/2020|2020-10-15|EPI_ISL_643176|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2827A5/2020|2020-03-27|EPI_ISL_488544|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/JI-ITD-12202V/2020|2020-06-09|EPI_ISL_529967|Vero P1|hCoV-19^^East Java|Human|RSUD Sidoarjo|Institute of Tropical Disease|Lusida|Indonesia

>Spike|hCoV-19/USA/TX-HMH0445/2020|2020-04-03|EPI_ISL_435025|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-1846/2020|2020-03-22|EPI_ISL_424288|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-6630/2020|2020-08-00|EPI_ISL_687742|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C47FE6/2020|2020-12-12|EPI_ISL_718935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE2BDC/2020|2020-10-27|EPI_ISL_633458|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4112/2020|2020-06-18|EPI_ISL_543379|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B4806B/2020|2020-11-07|EPI_ISL_649358|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F283/2020|2020-10-05|EPI_ISL_587253|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0781/2020|2020-05-19|EPI_ISL_698924|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/ALAB-SSI420A/2020|2020-03-22|EPI_ISL_429519|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/ALDP-C39D38/2020|2020-12-09|EPI_ISL_730679|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53764/2020|2020-12-20|EPI_ISL_766635|Original|hCoV-19^^Ostergotland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/BRIS-126AAB/2020|2020-04-10|EPI_ISL_458961|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/349/2020|2020-03-00|EPI_ISL_424373|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Denmark/DCGC-8565/2020|2020-10-26|EPI_ISL_625940|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/SC-DHEC-0074/2020|2020-04-01|EPI_ISL_529176|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/England/ALDP-9CC474/2020|2020-09-16|EPI_ISL_573109|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-99BED/2020|2020-04-12|EPI_ISL_439807|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9521C7/2020|2020-06-09|EPI_ISL_553676|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163750/2020|2020-04-23|EPI_ISL_473989|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009155/2020|2020-05-27|EPI_ISL_525145|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-6EB80D/2020|2020-06-30|EPI_ISL_557667|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6358/2020|2020-07-21|EPI_ISL_521154|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9A6874/2020|2020-08-31|EPI_ISL_550223|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-CB7AC2/2020|2020-12-18|EPI_ISL_777778|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bermuda/204990929/2020|2020-11-18|EPI_ISL_780397|Original|hCoV-19^^Bermuda|Human|Bermuda Government Molecular Diagnostics Laboratory (MDL)|Respiratory Virus Unit|Platt|Bermuda

>Spike|hCoV-19/England/QEUEH-BA225A/2020|2020-11-18|EPI_ISL_719872|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2467/2020|2020-06-01|EPI_ISL_617428|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-3969/2020|2020-03-31|EPI_ISL_427223|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-1B726DC/2020|2020-12-03|EPI_ISL_724896|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-RIYADH1174/2020|2020-06-05|EPI_ISL_678194|Original|hCoV-19^^Riyadh|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/WI-GMF-24758/2020|2020-10-08|EPI_ISL_660910|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/LIVE-9F26A/2020|2020-05-03|EPI_ISL_453441|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-AA5391/2020|2020-10-21|EPI_ISL_624941|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AC5DBB/2020|2020-10-14|EPI_ISL_631217|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AE7F0/2020|2020-00-00|EPI_ISL_448722|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-CE7BE/2020|2020-05-08|EPI_ISL_490631|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-CC64A/2020|2020-04-02|EPI_ISL_432527|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-A23C72/2020|2020-10-03|EPI_ISL_595113|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV35475/2020|2020-06-10|EPI_ISL_481199|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Wales/PHWC-4960B0/2020|2020-11-25|EPI_ISL_726528|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Romania/ROSV_3316/2020|2020-04-20|EPI_ISL_491068|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/USA/MI-QDX-314/2020|2020-03-22|EPI_ISL_571058|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-4833AE/2020|2020-09-06|EPI_ISL_627811|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1BBB20/2020|2020-11-20|EPI_ISL_679195|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Germany/BW-UKT-a021/2020|2020-04-08|EPI_ISL_723080|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/USA/WA-S2643/2020|2020-06-20|EPI_ISL_497275|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/MD-IBV-99008532/2020|2020-09-10|EPI_ISL_654080|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8202/2020|2020-08-00|EPI_ISL_687301|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-C145C2/2020|2020-12-06|EPI_ISL_709334|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19549/2020|2020-11-17|EPI_ISL_783923|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG648593/2020|2020-04-29|EPI_ISL_695845|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Scotland/GCVR-1715EC/2020|2020-03-30|EPI_ISL_524512|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5585/2020|2020-10-31|EPI_ISL_650727|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-A94447/2020|2020-10-20|EPI_ISL_624812|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2856/2020|2020-07-02|EPI_ISL_500779|Original|hCoV-19^^Norway|Human|Akershus University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Japan/PG-0407/2020|2020-03-30|EPI_ISL_480076|Original|hCoV-19^^Kanto|Human|Shizuoka City Institute of Environmental Sciences and Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BL-ETHZ-410308/2020|2020-12-15|EPI_ISL_737536|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-2404/2020|2020-05-25|EPI_ISL_545291|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BB5069/2020|2020-11-20|EPI_ISL_701740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/PRI-RII-MH931S/2020|2020-08-12|EPI_ISL_733022|Original|hCoV-19^^Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Sweden/20-08078/2020|2020-03-05|EPI_ISL_454453|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUH-C32B62/2020|2020-12-11|EPI_ISL_782570|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2508/2020|2020-11-16|EPI_ISL_734283|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Japan/PG-4982/2020|2020-08-00|EPI_ISL_689635|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-D4C7A/2020|2020-04-15|EPI_ISL_449670|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-A4613E/2020|2020-10-06|EPI_ISL_598577|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-398/2020|2020-11-01|EPI_ISL_718077|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Australia/WA304/2020|2020-03-15|EPI_ISL_596847|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/LIVE-DB60C0/2020|2020-11-07|EPI_ISL_652093|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Vietnam/PIHCM-420/2020|2020-03-22|EPI_ISL_654884|Vero E6|hCoV-19^^Ho Chi Minh city|Human|Pasteur Institute in Ho Chi Minh city|Department of Microbiology and Immunology - Pasteur Institute in Ho Chi Minh city|Vu|Viet Nam

>Spike|hCoV-19/England/CAMC-B78484/2020|2020-11-11|EPI_ISL_783394|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0270/2020|2020-05-05|EPI_ISL_480921|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUH-969AA4/2020|2020-08-11|EPI_ISL_531216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F5AE9/2020|2020-09-25|EPI_ISL_588766|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22237/2020|2020-10-30|EPI_ISL_666903|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/CA-CZB-14829/2020|2020-11-18|EPI_ISL_738807|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Israel/CVL-66-ngs/2020|2020-12-24|EPI_ISL_776577|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Scotland/EDB5846/2020|2020-04-28|EPI_ISL_487860|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-849/2020|2020-07-01|EPI_ISL_509855|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-210017/2020|2020-07-21|EPI_ISL_511986|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC11988/2020|2020-07-23|EPI_ISL_591906|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A6FD86/2020|2020-10-14|EPI_ISL_607040|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0668/2020|2020-05-08|EPI_ISL_626463|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/India/MH-ACTREC-252/2020|2020-07-07|EPI_ISL_699904|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-19943/2020|2020-12-07|EPI_ISL_747880|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-SEARCH-5365/2020|2020-12-14|EPI_ISL_755177|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/WA28/2020|2020-03-20|EPI_ISL_470845|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/England/MILK-A79F1A/2020|2020-10-15|EPI_ISL_606619|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-2503/2020|2020-03-19|EPI_ISL_468996|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310484/2020|2020-10-08|EPI_ISL_603554|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-1165/2020|2020-04-00|EPI_ISL_684775|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-49975E/2020|2020-12-03|EPI_ISL_727350|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491D45/2020|2020-11-12|EPI_ISL_706773|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9AEA0D/2020|2020-09-05|EPI_ISL_577264|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-270084/2020|2020-09-02|EPI_ISL_541517|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-7318/2020|2020-10-12|EPI_ISL_618938|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/un-EMC-765/2020|2020-00-00|EPI_ISL_523521|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-0003/2020|2020-05-08|EPI_ISL_515252|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC12761/2020|2020-07-28|EPI_ISL_592073|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/DL-IGIB11305086/2020|2020-07-00|EPI_ISL_751286|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/England/SHEF-C8444/2020|2020-04-10|EPI_ISL_442028|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9571/2020|2020-11-09|EPI_ISL_669045|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG594918/2020|2020-08-10|EPI_ISL_695638|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-13052/2020|2020-05-17|EPI_ISL_672326|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/AZ-TG618043/2020|2020-07-20|EPI_ISL_695685|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/UT-UPHL-201103815/2020|2020-04-04|EPI_ISL_623176|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B2B787/2020|2020-11-03|EPI_ISL_646504|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2145/2020|2020-08-05|EPI_ISL_667127|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Australia/NSW127/2020|2020-03-26|EPI_ISL_427808|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUEH-AD03BB/2020|2020-10-24|EPI_ISL_629952|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E775C/2020|2020-09-24|EPI_ISL_638215|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5077/2020|2020-06-24|EPI_ISL_544507|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-A9ECDC/2020|2020-10-20|EPI_ISL_611311|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19693/2020|2020-11-30|EPI_ISL_784047|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B1A76D/2020|2020-11-01|EPI_ISL_646001|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1081/2020|2020-03-29|EPI_ISL_433507|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-3464/2020|2020-07-00|EPI_ISL_691574|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-5BF85E/2020|2020-06-20|EPI_ISL_558725|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DA8FF/2020|2020-09-21|EPI_ISL_601405|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2A5F4A/2020|2020-10-11|EPI_ISL_637376|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-004963/2020|2020-05-04|EPI_ISL_481105|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-14612/2020|2020-11-23|EPI_ISL_711871|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/TG-CCMB-R305/2020|2020-08-09|EPI_ISL_539643|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/England/CAMB-80642/2020|2020-04-10|EPI_ISL_470417|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAFDE4/2020|2020-10-21|EPI_ISL_623520|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6BE68/2020|2020-11-11|EPI_ISL_655213|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6703/2020|2020-12-07|EPI_ISL_775406|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Wales/PHWC-49FF7E/2020|2020-12-11|EPI_ISL_743375|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D1929-7417/2020|2020-10-09|EPI_ISL_753781|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-12305/2020|2020-11-16|EPI_ISL_682486|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/MUR-RII-MH2077S/2020|2020-09-22|EPI_ISL_602406|Original|hCoV-19^^Murmansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-CB37FC/2020|2020-12-18|EPI_ISL_761909|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-120198/2020|2020-04-28|EPI_ISL_468272|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Uganda/UG100/2020|2020-08-14|EPI_ISL_737945|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\u00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/England/MILK-9C21E0/2020|2020-09-08|EPI_ISL_566422|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12638/2020|2020-08-31|EPI_ISL_789871|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A6BD02/2020|2020-10-08|EPI_ISL_609071|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-110406/2020|2020-11-21|EPI_ISL_728538|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/ALDP-9EABC6/2020|2020-09-24|EPI_ISL_580260|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/N00093/2020|2020-08-11|EPI_ISL_622973|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Wales/PHWC-3309B/2020|2020-04-14|EPI_ISL_446732|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AADCCB/2020|2020-10-22|EPI_ISL_624164|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9119/2020|2020-08-20|EPI_ISL_565397|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-6213/2020|2020-04-01|EPI_ISL_430956|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Gibraltar/204841758/2020|2020-00-00|EPI_ISL_671325|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Scotland/CVR2750/2020|2020-04-18|EPI_ISL_438974|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORW-E7193/2020|2020-04-20|EPI_ISL_449009|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-A1F9EB/2020|2020-10-01|EPI_ISL_587699|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020313314/2020|2020-08-26|EPI_ISL_574267|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/ALDP-BB5175/2020|2020-11-21|EPI_ISL_701761|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-486CA0/2020|2020-05-15|EPI_ISL_559677|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204291001/2020|2020-10-16|EPI_ISL_613616|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE-13372214/2020|2020-11-06|EPI_ISL_745235|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>y|Korneenko|Russia

>Spike|hCoV-19/USA/MI-QDX-1728/2020|2020-03-17|EPI_ISL_604043|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-49F56D/2020|2020-12-08|EPI_ISL_743233|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-105/2020|2020-04-04|EPI_ISL_537469|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/201090761/2020|2020-03-06|EPI_ISL_464602|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B34624/2020|2020-11-05|EPI_ISL_659663|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15198/2020|2020-11-23|EPI_ISL_713687|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AE2D6D/2020|2020-10-27|EPI_ISL_633677|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13231/2020|2020-08-26|EPI_ISL_788381|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NM-DOH-2020616663/2020|2020-12-12|EPI_ISL_751824|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/England/ALDP-B84A0B/2020|2020-11-15|EPI_ISL_674193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8070927/2020|2020-11-24|EPI_ISL_744677|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/ZH-EMC-1245/2020|2020-12-23|EPI_ISL_763314|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-94C087/2020|2020-07-17|EPI_ISL_556652|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1B9D/2020|2020-10-22|EPI_ISL_630895|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C3774/2020|2020-09-07|EPI_ISL_566936|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1133/2020|2020-03-16|EPI_ISL_614611|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-1100C0/2020|2020-04-10|EPI_ISL_441468|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-PV08135/2020|2020-03-17|EPI_ISL_421357|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Denmark/DCGC-12016/2020|2020-06-08|EPI_ISL_671263|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-96F3FE/2020|2020-08-15|EPI_ISL_530595|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-873/2020|2020-10-04|EPI_ISL_632373|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUEH-9FFEE3/2020|2020-10-02|EPI_ISL_600411|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0392/2020|2020-05-31|EPI_ISL_542452|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-DSHS-0795/2020|2020-06-02|EPI_ISL_590860|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/LOND-D5945/2020|2020-04-16|EPI_ISL_457281|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B622/2020|2020-12-07|EPI_ISL_742361|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1103/2020|2020-06-13|EPI_ISL_513109|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Peru/LIM-UPCH-0162/2020|2020-08-28|EPI_ISL_568555|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Japan/PG-7201/2020|2020-07-00|EPI_ISL_688305|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Iran/SA-Isf-19/2020|2020-05-09|EPI_ISL_591065|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/England/NOTT-111D22/2020|2020-06-06|EPI_ISL_472400|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/LI-EMC-77/2020|2020-06-03|EPI_ISL_523282|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-20996/2020|2020-12-21|EPI_ISL_758954|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E9E55/2020|2020-09-24|EPI_ISL_580128|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52AF7/2020|2020-11-09|EPI_ISL_657357|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204500136/2020|2020-11-01|EPI_ISL_660778|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A40E2E/2020|2020-10-06|EPI_ISL_609339|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC322/2020|2020-03-30|EPI_ISL_430349|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/NY-Wadsworth-292845-01/2020|2020-12-28|EPI_ISL_769983|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Luxembourg/LNS4432996/2020|2020-10-27|EPI_ISL_740468|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-DSHS-0670/2020|2020-07-19|EPI_ISL_576323|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/LA-EVTL1118/2020|2020-12-04|EPI_ISL_768388|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-494AF0/2020|2020-11-26|EPI_ISL_726217|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5CC06/2020|2020-11-09|EPI_ISL_655703|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20068/2020|2020-03-22|EPI_ISL_437155|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/HI-H200268/2020|2020-09-01|EPI_ISL_752827|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/TX-HMH-2276/2020|2020-05-11|EPI_ISL_545218|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B677CB/2020|2020-11-11|EPI_ISL_661499|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6774/2020|2020-12-12|EPI_ISL_775413|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/LIVE-A53D7/2020|2020-03-19|EPI_ISL_500115|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/NA_481/2020|2020-03-17|EPI_ISL_455283|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-108A09/2020|2020-10-11|EPI_ISL_627524|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0914/2020|2020-05-13|EPI_ISL_522786|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUEH-B7CEBF/2020|2020-11-14|EPI_ISL_674625|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-QDX-1509/2020|2020-03-17|EPI_ISL_603840|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-19274/2020|2020-12-07|EPI_ISL_748212|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9E2A58/2020|2020-09-21|EPI_ISL_581129|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/US-56260w/2020|2020-10-02|EPI_ISL_677775|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Canada/NS-NML-1369/2020|2020-04-14|EPI_ISL_579745|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Indonesia/JI-ITDua-4437NTv/2020|2020-04-19|EPI_ISL_759955|Vero P1|hCoV-19^^East Java|Human|Primasatya Husada Citra Hospital|Institute of Tropical Disease|Shimizu|Indonesia

>Spike|hCoV-19/England/QEUEH-A49A4F/2020|2020-10-08|EPI_ISL_628447|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FEDE/2020|2020-10-15|EPI_ISL_608338|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0138/2020|2020-08-17|EPI_ISL_682276|Original|hCoV-19^^Heredia|Human|LABORATORIOS LABIN|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Luxembourg/LNS0468115/2020|2020-11-13|EPI_ISL_739780|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-4A8E57/2020|2020-06-13|EPI_ISL_559500|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11117/2020|2020-12-17|EPI_ISL_737365|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/WY-WPHL-20172338/2020|2020-12-30|EPI_ISL_770481|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/MILK-B3A99E/2020|2020-11-02|EPI_ISL_679695|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036854288/2020|2020-11-09|EPI_ISL_728512|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/CVR632/2020|2020-03-25|EPI_ISL_425792|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-7284/2020|2020-08-00|EPI_ISL_688387|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG296715/2020|2020-05-08|EPI_ISL_694245|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/FL-BPHL-0980/2020|2020-07-29|EPI_ISL_517870|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-S2438/2020|2020-06-16|EPI_ISL_497070|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Ireland/KK-NVRL-20G43871/2020|2020-03-28|EPI_ISL_681913|Original|hCoV-19^^Kilkenny|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/QEUA-9DD434/2020|2020-09-21|EPI_ISL_599620|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/054/2020|2020-05-28|EPI_ISL_486438|Original|hCoV-19^^Latvia|Human|E. Gulbja laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Luxembourg/LNS2345895/2020|2020-12-29|EPI_ISL_771138|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Singapore/278/2020|2020-03-21|EPI_ISL_462396|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-48B93B/2020|2020-11-07|EPI_ISL_666302|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC_AO3/2020|2020-04-09|EPI_ISL_463920|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/BRIS-128F6E/2020|2020-04-18|EPI_ISL_458839|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K000601/2020|2020-07-13|EPI_ISL_509254|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUA-9E34E0/2020|2020-09-22|EPI_ISL_584851|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0040/2020|2020-03-18|EPI_ISL_640038|Original|hCoV-19^^Western Cape|Human|Knysna Hospital wv KNY|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/LA-EVTL049/2020|2020-05-01|EPI_ISL_451210|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/VIC15336/2020|2020-09-09|EPI_ISL_593256|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UN-CDC-7493/2020|2020-04-22|EPI_ISL_514077|Original|hCoV-19^^USA|Human|Navy and Marine Corps Public Health Center|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC9633/2020|2020-08-21|EPI_ISL_562744|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Hong Kong/HKPU-1437/2020|2020-07-12|EPI_ISL_610189|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/Japan/PG-3133/2020|2020-06-00|EPI_ISL_691255|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-5028/2020|2020-12-06|EPI_ISL_730299|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/NSW1143/2020|2020-09-30|EPI_ISL_593753|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-18057/2020|2020-12-14|EPI_ISL_749729|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-03712/2020|2020-11-00|EPI_ISL_775194|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/EXET-13760D/2020|2020-06-01|EPI_ISL_471980|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-357/2020|2020-03-23|EPI_ISL_571100|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-DCA700/2020|2020-12-07|EPI_ISL_724379|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6663810/2020|2020-11-11|EPI_ISL_744446|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-C1E8A1/2020|2020-12-06|EPI_ISL_761074|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B82144/2020|2020-11-14|EPI_ISL_668260|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9BA8B9/2020|2020-09-08|EPI_ISL_573609|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-34804-01/2020|2020-03-31|EPI_ISL_525645|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/ALDP-BBACD9/2020|2020-11-20|EPI_ISL_703042|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A81CB/2020|2020-03-26|EPI_ISL_517127|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3626/2020|2020-08-31|EPI_ISL_616394|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/NPHL-3062/2020|2020-00-00|EPI_ISL_561311|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Sweden/20-53366/2020|2020-11-06|EPI_ISL_710606|Original|hCoV-19^^Skane|Human|Halsomedicinskt Center|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Switzerland/BL-ETHZ-100005/2020|2020-03-06|EPI_ISL_466930|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-C43F53/2020|2020-12-10|EPI_ISL_719578|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14955/2020|2020-10-13|EPI_ISL_786439|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-B4C43/2020|2020-04-12|EPI_ISL_535002|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-309/2020|2020-03-21|EPI_ISL_571053|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Singapore/16/2020|2020-02-06|EPI_ISL_418997|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-B46012/2020|2020-11-07|EPI_ISL_656167|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26684437/2020|2020-04-11|EPI_ISL_485263|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/England/MILK-A45E1A/2020|2020-10-06|EPI_ISL_598772|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/DF-619i/2020|2020-03-13|EPI_ISL_427295|Vero E6 Pl|hCoV-19^^Distrito Federal|Human|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Silva|Brazil

>Spike|hCoV-19/England/20129033904/2020|2020-03-20|EPI_ISL_424025|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28E26/2020|2020-04-02|EPI_ISL_445446|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-UW-MAYO90/2020|2020-03-18|EPI_ISL_501078|Original|hCoV-19^^Louisiana|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-UW-23283/2020|2020-08-05|EPI_ISL_576417|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-684A1F/2020|2020-07-01|EPI_ISL_551823|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1499/2020|2020-04-00|EPI_ISL_685106|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-1742/2020|2020-10-02|EPI_ISL_613860|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-1AC1E4/2020|2020-04-28|EPI_ISL_447945|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/LIVE-A2431/2020|2020-05-20|EPI_ISL_490382|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2058/2020|2020-05-01|EPI_ISL_545094|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-314/2020|2020-05-23|EPI_ISL_523656|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/BE-ETHZ-410558/2020|2020-11-26|EPI_ISL_737733|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/Qc-L00240642/2020|2020-03-27|EPI_ISL_465681|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/AR-CDC-4296/2020|2020-07-17|EPI_ISL_527647|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-5764/2020|2020-09-28|EPI_ISL_619913|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-C60FE7/2020|2020-12-13|EPI_ISL_769258|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-166A54/2020|2020-06-10|EPI_ISL_494073|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3FF88/2020|2020-11-08|EPI_ISL_657286|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1850/2020|2020-09-23|EPI_ISL_614076|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/DE-DHSS-F1009547/2020|2020-10-04|EPI_ISL_693752|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/England/CAMC-D042FA/2020|2020-12-14|EPI_ISL_781625|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/28A76S6/2020|2020-04-28|EPI_ISL_481631|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/VIC48/2020|2020-03-12|EPI_ISL_419762|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/ALDP-AA4909/2020|2020-10-21|EPI_ISL_624206|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B090C0/2020|2020-10-29|EPI_ISL_673116|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B1119/2020|2020-05-04|EPI_ISL_459227|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4906867/2020|2020-10-26|EPI_ISL_744156|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S1638/2020|2020-05-27|EPI_ISL_496064|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/South Korea/KCDC2202/2020|2020-04-11|EPI_ISL_506995|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMB-7BCFD/2020|2020-04-04|EPI_ISL_442144|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B46337/2020|2020-11-07|EPI_ISL_656021|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A64FD/2020|2020-12-17|EPI_ISL_763488|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20144023704/2020|2020-03-27|EPI_ISL_423527|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/env/USA/FL-UF3/2020|2020-03-25|EPI_ISL_434677|Original|hCoV-19^^Florida|Environment|Lednicky Laboratory at Emerging Pathogens Institute|Lednicky Laboratory at Emerging Pathogens Institute|Elbadry|USA

>Spike|hCoV-19/Canada/ON-PHL-20-00024/2020|2020-00-00|EPI_ISL_548705|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUA-96C643/2020|2020-08-13|EPI_ISL_530803|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-01993/2020|2020-04-28|EPI_ISL_436894|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUA-B9FA58/2020|2020-11-18|EPI_ISL_720977|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0062/2020|2020-04-15|EPI_ISL_445005|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/CVR4273/2020|2020-09-09|EPI_ISL_559947|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-281413-01/2020|2020-11-05|EPI_ISL_734478|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUA-9CFBC7/2020|2020-09-16|EPI_ISL_589876|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17489/2020|2020-12-14|EPI_ISL_750356|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BB114C/2020|2020-11-17|EPI_ISL_720525|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BC3C28/2020|2020-11-25|EPI_ISL_703900|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4799/2020|2020-08-00|EPI_ISL_689924|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8901/2020|2020-10-26|EPI_ISL_625702|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A9D6DF/2020|2020-10-20|EPI_ISL_727784|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12578/2020|2020-11-16|EPI_ISL_682759|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9D1E8D/2020|2020-09-19|EPI_ISL_601569|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-01686/2020|2020-04-13|EPI_ISL_454710|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/PORT-2D116D/2020|2020-04-17|EPI_ISL_475333|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/C200027419/2020|2020-10-08|EPI_ISL_733584|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Lackenby|United Kingdom

>Spike|hCoV-19/Japan/PG-6967/2020|2020-07-00|EPI_ISL_688072|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS8732928/2020|2020-10-23|EPI_ISL_744801|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S2301/2020|2020-06-11|EPI_ISL_496933|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/VC-IBV-98004336/2020|2020-03-24|EPI_ISL_654475|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-0686/2020|2020-03-26|EPI_ISL_509744|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-7193/2020|2020-06-29|EPI_ISL_546587|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-08612/2020|2020-05-18|EPI_ISL_524354|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Russia/SVE-RII-MH4675S/2020|2020-09-20|EPI_ISL_733232|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-IGI-0811/2020|2020-06-19|EPI_ISL_756345|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/UT-01594/2020|2020-04-09|EPI_ISL_449832|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/QEUH-AD3479/2020|2020-10-26|EPI_ISL_647968|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B4024F/2020|2020-11-08|EPI_ISL_657173|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0417503/2020|2020-04-17|EPI_ISL_734596|Original|hCoV-19^^Mouscron|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/OR-OHSU-2115/2020|2020-08-04|EPI_ISL_667118|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-AC740F/2020|2020-10-22|EPI_ISL_630208|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20119048004/2020|2020-03-14|EPI_ISL_465071|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1365/2020|2020-03-30|EPI_ISL_622215|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-7846/2020|2020-07-01|EPI_ISL_545664|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4930B3/2020|2020-11-28|EPI_ISL_725834|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10362/2020|2020-08-07|EPI_ISL_540529|Original|hCoV-19^^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Kenya/C5696/2020|2020-05-11|EPI_ISL_568771|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Wales/PHWC-3463E/2020|2020-04-21|EPI_ISL_446951|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-45090/2020|2020-12-08|EPI_ISL_747208|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A948B4/2020|2020-10-19|EPI_ISL_610998|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AA00020/2020|2020-08-06|EPI_ISL_710118|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/USA/MD-MDH-0019/2020|2020-04-01|EPI_ISL_481267|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/England/QEUA-A63AB8/2020|2020-10-12|EPI_ISL_628663|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20988/2020|2020-05-26|EPI_ISL_507775|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/EDB2138/2020|2020-04-20|EPI_ISL_491693|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB297/2020|2020-03-28|EPI_ISL_425966|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-C23108/2020|2020-12-06|EPI_ISL_733885|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-126A32/2020|2020-04-09|EPI_ISL_459094|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9CE5F7/2020|2020-09-17|EPI_ISL_601868|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20516/2020|2020-04-12|EPI_ISL_460564|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-CZB-2083/2020|2020-05-04|EPI_ISL_486326|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/MILK-A473EC/2020|2020-10-06|EPI_ISL_598262|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-057/2020|2020-04-11|EPI_ISL_482337|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/ALDP-BBA750/2020|2020-11-20|EPI_ISL_701902|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_67/2020|2020-03-09|EPI_ISL_422827|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-MDH-418/2020|2020-04-09|EPI_ISL_437371|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NORT-2A5EE3/2020|2020-10-06|EPI_ISL_611576|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-170046/2020|2020-03-24|EPI_ISL_459591|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7473/2020|2020-06-26|EPI_ISL_546789|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21240/2020|2020-04-07|EPI_ISL_507495|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Gambia/NPHL-247/2020|2020-00-00|EPI_ISL_561257|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/CAMB-A97D1C/2020|2020-12-15|EPI_ISL_741006|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6758/2020|2020-06-24|EPI_ISL_546222|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A8535B/2020|2020-10-16|EPI_ISL_610381|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2310/2020|2020-03-18|EPI_ISL_775699|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Netherlands/ZH-EMC-1079/2020|2020-10-31|EPI_ISL_722589|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC4722/2020|2020-07-15|EPI_ISL_519110|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4819BD/2020|2020-10-15|EPI_ISL_613131|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B1AA55/2020|2020-11-01|EPI_ISL_647594|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13129/2020|2020-11-30|EPI_ISL_712602|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B5D212/2020|2020-11-09|EPI_ISL_678873|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC2161/2020|2020-06-17|EPI_ISL_480770|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E5B07/2020|2020-09-24|EPI_ISL_589564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0994/2020|2020-10-22|EPI_ISL_630811|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3404/2020|2020-07-07|EPI_ISL_636006|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-C2F3D9/2020|2020-12-07|EPI_ISL_782773|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A0115D/2020|2020-10-02|EPI_ISL_584904|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200582/2020|2020-06-08|EPI_ISL_578693|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Singapore/614/2020|2020-05-09|EPI_ISL_490064|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-20295/2020|2020-11-30|EPI_ISL_748098|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-1788/2020|2020-05-12|EPI_ISL_542839|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-COA0E/2020|2020-11-22|EPI_ISL_680110|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/SAP498/2020|2020-10-12|EPI_ISL_602579|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/CA-ALSR-1379/2020|2020-06-23|EPI_ISL_494570|Original|hCoV-19^^California|Human|Rady's Childrens Hospital|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-95124D/2020|2020-06-14|EPI_ISL_554467|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-18539BD/2020|2020-04-16|EPI_ISL_492430|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2507/2020|2020-08-10|EPI_ISL_617778|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-84953/2020|2020-05-31|EPI_ISL_746810|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Australia/SAP370/2020|2020-03-21|EPI_ISL_492135|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/201121154/2020|2020-03-10|EPI_ISL_464686|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG513833/2020|2020-07-17|EPI_ISL_695311|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A2DF06/2020|2020-10-06|EPI_ISL_586855|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28DB0/2020|2020-04-03|EPI_ISL_445440|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BC642D/2020|2020-11-20|EPI_ISL_721281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8D431/2020|2020-11-13|EPI_ISL_674117|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-IB22/2020|2020-05-19|EPI_ISL_508300|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Australia/WA07/2020|2020-03-13|EPI_ISL_420537|Original|hCoV-19^^Western Australia|Human|Department of Microbiology|Department of Microbiology|Sikazwe|Australia

>Spike|hCoV-19/England/MILK-A7CA16/2020|2020-10-15|EPI_ISL_606330|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38F70/2020|2020-11-02|EPI_ISL_652290|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-B385BA/2020|2020-11-01|EPI_ISL_659002|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2664/2020|2020-03-12|EPI_ISL_604985|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-3612C/2020|2020-04-28|EPI_ISL_474624|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B46391/2020|2020-11-07|EPI_ISL_656032|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162C34/2020|2020-05-29|EPI_ISL_473180|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2014/2020|2020-03-21|EPI_ISL_776322|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/EXET-13B0A1/2020|2020-11-11|EPI_ISL_665109|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8027/2020|2020-07-01|EPI_ISL_545799|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B11C76/2020|2020-11-02|EPI_ISL_642232|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14905/2020|2020-10-15|EPI_ISL_786389|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC12579/2020|2020-07-29|EPI_ISL_641082|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NOTT-11034F/2020|2020-04-12|EPI_ISL_441502|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Gibraltar/204841742/2020|2020-00-00|EPI_ISL_671309|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUEH-A1DF09/2020|2020-10-01|EPI_ISL_587555|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13959/2020|2020-06-21|EPI_ISL_739201|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/France/PAC-IHU-0830/2020|2020-05-20|EPI_ISL_568983|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/205090900/2020|2020-12-12|EPI_ISL_747510|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/England/ALDP-B1BF91/2020|2020-11-01|EPI_ISL_645596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L11-CD177/2020|2020-03-17|EPI_ISL_476190|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/MILK-BB024A/2020|2020-11-18|EPI_ISL_720033|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-90C92E/2020|2020-06-23|EPI_ISL_551524|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5670B/2020|2020-11-05|EPI_ISL_657536|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CAD9C2/2020|2020-12-20|EPI_ISL_760999|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11394/2020|2020-06-23|EPI_ISL_570402|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORW-EE8F1/2020|2020-06-04|EPI_ISL_484337|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4847FC/2020|2020-10-23|EPI_ISL_627018|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-50131/2020|2020-03-06|EPI_ISL_429142|Original|hCoV-19^^Varmland|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/MILK-9EF53C/2020|2020-09-25|EPI_ISL_600929|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1571/2020|2020-08-14|EPI_ISL_610132|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-5606/2020|2020-06-19|EPI_ISL_544897|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-15833/2020|2020-11-23|EPI_ISL_714049|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12C137/2020|2020-05-10|EPI_ISL_469407|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-366B4/2020|2020-05-02|EPI_ISL_474699|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2153/2020|2020-10-15|EPI_ISL_677557|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-3823/2020|2020-06-11|EPI_ISL_543227|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/MD-IBV-006411/2020|2020-05-04|EPI_ISL_510126|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-6442/2020|2020-10-12|EPI_ISL_620342|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22474/2020|2020-11-08|EPI_ISL_708575|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Germany/BW-UKT-a005/2020|2020-03-25|EPI_ISL_723098|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/Japan/PG-3501/2020|2020-07-00|EPI_ISL_691610|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-4568/2020|2020-06-22|EPI_ISL_543722|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-970D38/2020|2020-08-18|EPI_ISL_553036|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1044/2020|2020-06-13|EPI_ISL_513076|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-16840/2020|2020-12-14|EPI_ISL_750203|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC2883/2020|2020-06-28|EPI_ISL_521714|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-15279/2020|2020-11-28|EPI_ISL_739642|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A66CBF/2020|2020-10-12|EPI_ISL_630456|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8311/2020|2020-07-08|EPI_ISL_784323|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-380348/2020|2020-11-21|EPI_ISL_721791|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/GSTT-265D606/2020|2020-03-23|EPI_ISL_483987|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13486/2020|2020-08-22|EPI_ISL_788615|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC8855/2020|2020-07-22|EPI_ISL_565240|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B87B23/2020|2020-11-13|EPI_ISL_724833|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-CE280/2020|2020-04-26|EPI_ISL_490629|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-A45E56/2020|2020-10-06|EPI_ISL_598761|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5623/2020|2020-09-28|EPI_ISL_620948|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99DC0B/2020|2020-08-30|EPI_ISL_550783|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52C79/2020|2020-11-09|EPI_ISL_657470|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3411/2020|2020-07-07|EPI_ISL_636013|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/IC-0397/2020|2020-12-00|EPI_ISL_736893|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/0463/2020|2020-05-18|EPI_ISL_698633|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-94E5B3/2020|2020-06-19|EPI_ISL_555473|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB15D7/2020|2020-11-17|EPI_ISL_720175|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-0059/2020|2020-03-28|EPI_ISL_447001|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Denmark/DCGC-3116/2020|2020-08-31|EPI_ISL_615933|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C22EF3/2020|2020-12-06|EPI_ISL_733731|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6778/2020|2020-06-25|EPI_ISL_546237|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/Qc-L00240893/2020|2020-03-27|EPI_ISL_465692|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-49817F/2020|2020-11-30|EPI_ISL_727034|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03808/2020|2020-11-00|EPI_ISL_775069|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/MILK-A7B394/2020|2020-10-14|EPI_ISL_607621|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B4075F/2020|2020-11-08|EPI_ISL_657295|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7F576/2020|2020-04-08|EPI_ISL_442946|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4725/2020|2020-06-20|EPI_ISL_544288|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S2431/2020|2020-06-14|EPI_ISL_497063|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9538D0/2020|2020-06-07|EPI_ISL_553832|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0815/2020|2020-03-20|EPI_ISL_511074|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/201161691/2020|2020-03-12|EPI_ISL_464872|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000771/2020|2020-03-20|EPI_ISL_632151|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/WA187/2020|2020-04-08|EPI_ISL_596750|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-C062CC/2020|2020-12-04|EPI_ISL_709427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49744A/2020|2020-11-27|EPI_ISL_726831|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20126036002/2020|2020-03-18|EPI_ISL_418765|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC1812/2020|2020-05-27|EPI_ISL_480636|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A64CEE/2020|2020-10-09|EPI_ISL_608611|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2530/2020|2020-06-18|EPI_ISL_514933|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/MA-MASPHL-00256/2020|2020-04-17|EPI_ISL_791694|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/ALDP-C597BC/2020|2020-12-14|EPI_ISL_767127|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-QDX-1101/2020|2020-03-18|EPI_ISL_571844|Original|hCoV-19^^Illinois|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A6DE76/2020|2020-10-14|EPI_ISL_607772|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20102004104/2020|2020-03-02|EPI_ISL_464278|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11639/2020|2020-10-26|EPI_ISL_671041|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204390349/2020|2020-10-23|EPI_ISL_637141|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B634AA/2020|2020-11-09|EPI_ISL_656522|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20156048304/2020|2020-04-08|EPI_ISL_466329|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC2206/2020|2020-06-25|EPI_ISL_521948|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-162D5F/2020|2020-05-26|EPI_ISL_473195|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18147/2020|2020-11-14|EPI_ISL_784495|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-1049/2020|2020-07-08|EPI_ISL_525959|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-91E90B/2020|2020-06-23|EPI_ISL_553285|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9033/2020|2020-11-01|EPI_ISL_652036|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Germany/HB-ChVir2097/2020|2020-03-11|EPI_ISL_729500|Original|hCoV-19^^Bremen|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/CAMC-A57B78/2020|2020-10-09|EPI_ISL_597254|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D6179/2020|2020-04-20|EPI_ISL_482182|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8520/2020|2020-07-00|EPI_ISL_686116|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-A3676C/2020|2020-10-05|EPI_ISL_706916|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012172138/2020|2020-11-30|EPI_ISL_746956|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/LOND-12600AF/2020|2020-03-18|EPI_ISL_516862|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B4854E/2020|2020-11-07|EPI_ISL_649355|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9264/2020|2020-11-16|EPI_ISL_668879|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2854/2020|2020-08-17|EPI_ISL_616682|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9B7843/2020|2020-09-08|EPI_ISL_590610|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hangzhou/HZCDC0091/2020|2020-01-21|EPI_ISL_421228|Original|hCoV-19^^Hangzhou|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China

>Spike|hCoV-19/South Africa/KRISP-K003372/2020|2020-09-10|EPI_ISL_602762|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/20128033702/2020|2020-03-18|EPI_ISL_420471|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/RJ-LVM161-2/2020|2020-03-19|EPI_ISL_528539|Vero-E6|hCoV-19^^Rio de Janeiro|Human|LVM/UFRJ|LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-CZB-10794/2020|2020-06-22|EPI_ISL_583054|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/India/MH-GA51/2020|2020-06-20|EPI_ISL_508246|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Portugal/PT1559/2020|2020-06-27|EPI_ISL_693570|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-C45A8D/2020|2020-12-10|EPI_ISL_718608|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21029/2020|2020-12-21|EPI_ISL_759514|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-28D47/2020|2020-04-02|EPI_ISL_432156|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B51946/2020|2020-11-08|EPI_ISL_658227|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14630/2020|2020-10-11|EPI_ISL_787915|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-9CECD4/2020|2020-09-17|EPI_ISL_601902|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB890/2020|2020-04-04|EPI_ISL_457021|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00144/2020|2020-04-03|EPI_ISL_791616|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/QEUH-9FB37F/2020|2020-09-29|EPI_ISL_600551|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130798/2020|2020-04-12|EPI_ISL_492549|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABC43A/2020|2020-10-20|EPI_ISL_631083|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A6371B/2020|2020-10-12|EPI_ISL_596137|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/EDB5128/2020|2020-05-17|EPI_ISL_456977|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUH-9DECA4/2020|2020-09-21|EPI_ISL_581267|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_6/2020|2020-03-09|EPI_ISL_422642|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1B0D34/2020|2020-05-11|EPI_ISL_452966|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0690/2020|2020-04-18|EPI_ISL_500851|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-76ECF/2020|2020-03-31|EPI_ISL_439521|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Norway/6597/2020|2020-12-02|EPI_ISL_775400|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Denmark/DCGC-1624/2020|2020-04-06|EPI_ISL_619266|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2F50A2/2020|2020-00-00|EPI_ISL_702985|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20777/2020|2020-12-12|EPI_ISL_790918|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/ALAB-HH-156/2020|2020-03-19|EPI_ISL_452031|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Australia/VIC3341/2020|2020-07-08|EPI_ISL_521020|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Poland/1105973/2020|2020-03-19|EPI_ISL_428234|Original|hCoV-19^^Pomorskie|Human|Hematology Laboratory|Department of Virology|Smura|Poland

>Spike|hCoV-19/England/MILK-BAAA5A/2020|2020-11-17|EPI_ISL_681630|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE46456/2020|2020-05-14|EPI_ISL_529002|Original|hCoV-19^^Abruzzo|Human|Servizio di igiene epidemiologia e sanit\u00e0 pubblica (SIESP)-Chieti|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/England/CAMC-B07824/2020|2020-10-31|EPI_ISL_643813|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8678/2020|2020-09-00|EPI_ISL_686274|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-5175/2020|2020-08-00|EPI_ISL_690278|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-15487/2020|2020-11-23|EPI_ISL_713122|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/GJ-GBRC263a/2020|2020-06-12|EPI_ISL_483856|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUEH-A9D086/2020|2020-10-20|EPI_ISL_652651|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20313/2020|2020-11-23|EPI_ISL_747587|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C5CB9F/2020|2020-12-14|EPI_ISL_736015|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1490/2020|2020-08-00|EPI_ISL_770842|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/India/GJ-GBRC-421b/2020|2020-07-14|EPI_ISL_590692|Original|hCoV-19^^Gujarat|Human|Government Hospital, Veraval|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/South Korea/KCDC2275/2020|2020-05-18|EPI_ISL_510612|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC5676/2020|2020-07-05|EPI_ISL_518483|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B51111/2020|2020-11-08|EPI_ISL_658029|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A51570/2020|2020-10-07|EPI_ISL_598106|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A5E494/2020|2020-10-12|EPI_ISL_597385|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3171/2020|2020-04-27|EPI_ISL_449201|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LIVE-A99E0/2020|2020-03-25|EPI_ISL_517305|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EECC/2020|2020-10-05|EPI_ISL_587274|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG522745/2020|2020-07-20|EPI_ISL_695386|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Japan/PG-7013/2020|2020-08-00|EPI_ISL_688118|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS2272431/2020|2020-10-19|EPI_ISL_740090|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/NSW180/2020|2020-03-22|EPI_ISL_427701|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/WA-S1459/2020|2020-05-21|EPI_ISL_495909|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/MI-QDX-908/2020|2020-03-20|EPI_ISL_571627|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH918/2020|2020-04-06|EPI_ISL_513049|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah

University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/Scotland/CVR2941/2020|2020-04-22|EPI_ISL_461601|Original|hCoV-
19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK
(COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/England/QEUA-B6A573/2020|2020-11-11|EPI_ISL_662434|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A5268B/2020|2020-10-07|EPI_ISL_597932|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/IL-NM-0673/2020|2020-03-28|EPI_ISL_626465|Original|hCoV-
19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA
>Spike|hCoV-19/Bahrein/BAH-16/2020|2020-04-08|EPI_ISL_483557|Original|hCoV-
19^^Bahrain|Human|Kingdom of Bahrein Ministry of Health|Erasmus Medical Center|Oude
Munnink|Bahrain
>Spike|hCoV-19/Switzerland/VD-ETHZ-230066/2020|2020-08-
05|EPI_ISL_516601|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems
Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Scotland/QEUA-7D36D0/2020|2020-07-23|EPI_ISL_532885|Original|hCoV-
19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/AR-ISCI-201849/2020|2020-03-09|EPI_ISL_539518|Original|hCoV-
19^^Aragon|Human|Hospital Universitario Miguel Servet|Instituto de Salud Carlos
III|Caballero|Spain
>Spike|hCoV-19/USA/NY-PV09345/2020|2020-03-24|EPI_ISL_450033|Original|hCoV-19^^New
York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance
Program|van Bakel|USA
>Spike|hCoV-19/Netherlands/OV-RIVM-20515/2020|2020-10-
22|EPI_ISL_728730|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response
team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/England/ALDP-AA09FE/2020|2020-10-22|EPI_ISL_630789|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-CBE472/2020|2020-12-18|EPI_ISL_760752|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-17938/2020|2020-12-14|EPI_ISL_749656|Original|hCoV-
19^^Sjaelland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/India/MH-NIV-2387/2020|2020-03-13|EPI_ISL_454527|Original|hCoV-
19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India
>Spike|hCoV-19/USA/CA-QDX-2107/2020|2020-03-17|EPI_ISL_604413|Original|hCoV-
19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/LA-EVTL1012/2020|2020-08-24|EPI_ISL_653703|Original|hCoV-
19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome
Sequencing Center|Kamil|USA
>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH1129/2020|2020-06-
13|EPI_ISL_677987|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/England/LIVE-A6172/2020|2020-03-21|EPI_ISL_499688|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/QEUA-BCCDB3/2020|2020-11-26|EPI_ISL_704482|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7309/2020|2020-07-26|EPI_ISL_564338|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9DB0AB/2020|2020-09-19|EPI_ISL_580879|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA332/2020|2020-04-13|EPI_ISL_596875|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Israel/701002456/2020|2020-03-24|EPI_ISL_447298|Original|hCoV-19^^South Coast District|Human|Microbiology Division|Stern Lab|Miller|Israel

>Spike|hCoV-19/Denmark/DCGC-1617/2020|2020-04-13|EPI_ISL_619273|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-101253/2020|2020-04-28|EPI_ISL_482115|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-h2285/2020|2020-03-01|EPI_ISL_468764|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Norway/7089/2020|2020-11-27|EPI_ISL_775415|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Wales/PHWC-15FD91/2020|2020-05-22|EPI_ISL_472854|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-NCCS-NR-14607/2020|2020-07-26|EPI_ISL_721655|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/MILK-A06A8A/2020|2020-10-01|EPI_ISL_599916|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6738C/2020|2020-10-12|EPI_ISL_630592|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-292A6D/2020|2020-05-22|EPI_ISL_489067|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E98EE/2020|2020-09-24|EPI_ISL_584262|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2F26F/2020|2020-04-06|EPI_ISL_446224|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/India/MP-NCDC-4859/2020|2020-04-20|EPI_ISL_436457|Original|hCoV-19^^Madhya Pradesh|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/ALDP-A4FD7D/2020|2020-10-07|EPI_ISL_597874|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CFE6/2020|2020-09-21|EPI_ISL_574194|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020135001/2020|2020-06-18|EPI_ISL_535288|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/TX-HMH0361/2020|2020-03-29|EPI_ISL_434954|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A464EA/2020|2020-10-05|EPI_ISL_598618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1025/2020|2020-04-00|EPI_ISL_684635|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-3841/2020|2020-06-11|EPI_ISL_636237|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Sweden/20-08088/2020|2020-03-05|EPI_ISL_454461|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-CZB-10230/2020|2020-05-18|EPI_ISL_672266|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-AA49BE/2020|2020-10-22|EPI_ISL_625176|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14287/2020|2020-08-03|EPI_ISL_592436|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-9FC3F/2020|2020-06-01|EPI_ISL_472050|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48AC06/2020|2020-11-04|EPI_ISL_666135|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B692E6/2020|2020-11-11|EPI_ISL_661394|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201125055/2020|2020-09-28|EPI_ISL_628940|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/MILK-9F0565/2020|2020-09-24|EPI_ISL_580698|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/FR-RIVM-20198/2020|2020-11-29|EPI_ISL_723352|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/France/OCC-150/2020|2020-11-14|EPI_ISL_751470|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Japan/PG-5280/2020|2020-08-00|EPI_ISL_690383|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CT-Yale-316/2020|2020-03-31|EPI_ISL_476544|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Scotland/QEUEH-A1F602/2020|2020-10-01|EPI_ISL_599112|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21584/2020|2020-03-23|EPI_ISL_516311|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-10D1C98/2020|2020-12-16|EPI_ISL_727949|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-C9383B/2020|2020-12-16|EPI_ISL_777112|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0458/2020|2020-11-17|EPI_ISL_760242|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMB-72995/2020|2020-03-23|EPI_ISL_439888|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6C8B/2020|2020-09-24|EPI_ISL_580578|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM66404200/2020|2020-11-18|EPI_ISL_753379|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/CA-SEARCH-5541/2020|2020-11-23|EPI_ISL_755284|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-BAC144/2020|2020-11-18|EPI_ISL_783248|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-142/2020|2020-04-10|EPI_ISL_427449|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11778/2020|2020-09-08|EPI_ISL_790109|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1295/2020|2020-03-30|EPI_ISL_438786|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-103F87/2020|2020-04-08|EPI_ISL_482046|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uruguay/TYT-M98/2020|2020-06-27|EPI_ISL_750174|Original|hCoV-19^^Treinta y Tres|Human|Sanatorio Americano|Institut Pasteur de Montevideo|Spangenberg|Uruguay

>Spike|hCoV-19/England/ALDP-9FD735/2020|2020-10-01|EPI_ISL_587764|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD2FA6/2020|2020-10-26|EPI_ISL_629941|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124D4AC/2020|2020-05-12|EPI_ISL_507101|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Japan/PG-2263/2020|2020-04-00|EPI_ISL_685868|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9CB0F9/2020|2020-09-16|EPI_ISL_575623|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957B3D/2020|2020-06-09|EPI_ISL_554200|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A4BBB3/2020|2020-10-08|EPI_ISL_628512|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CDC-4685/2020|2020-06-02|EPI_ISL_535663|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUA-A3128E/2020|2020-10-05|EPI_ISL_595876|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Panama/333467/2020|2020-03-23|EPI_ISL_496743|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Germany/HH-hpi-p1734/2020|2020-03-14|EPI_ISL_776113|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/AZ-TG569481/2020|2020-07-10|EPI_ISL_695576|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-4242/2020|2020-06-18|EPI_ISL_543455|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B6843C/2020|2020-11-11|EPI_ISL_661329|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32C89/2020|2020-04-07|EPI_ISL_446672|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1881/2020|2020-05-00|EPI_ISL_685487|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/ZH-ETHZ-140091/2020|2020-04-18|EPI_ISL_476133|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-C32B71/2020|2020-12-11|EPI_ISL_782683|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BA9BD0/2020|2020-11-17|EPI_ISL_681559|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00834/2020|2020-05-05|EPI_ISL_610271|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/ALDP-A5015F/2020|2020-10-07|EPI_ISL_597855|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/HR-MW39/2020|2020-06-10|EPI_ISL_511928|Original|hCoV-19^^Haryana|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/England/QEUA-CCD9F9/2020|2020-12-24|EPI_ISL_782386|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC157a/2020|2020-05-27|EPI_ISL_461486|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUA-A8C3EB/2020|2020-10-18|EPI_ISL_643290|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16393/2020|2020-11-02|EPI_ISL_786077|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC16725/2020|2020-08-07|EPI_ISL_663552|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-AD35D0/2020|2020-10-26|EPI_ISL_634642|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035733857/2020|2020-08-31|EPI_ISL_583302|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/ALAB-HH-124/2020|2020-03-11|EPI_ISL_452005|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/FL-BPHL-0281/2020|2020-05-12|EPI_ISL_480932|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-C3A960/2020|2020-12-08|EPI_ISL_730739|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496E3E/2020|2020-11-24|EPI_ISL_726735|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A7049C/2020|2020-10-15|EPI_ISL_607779|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA562/2020|2020-11-23|EPI_ISL_703602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2986/2020|2020-04-00|EPI_ISL_691110|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/GJ-GBRC267a/2020|2020-06-13|EPI_ISL_483862|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/TX-DSHS-0581/2020|2020-06-02|EPI_ISL_569693|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/India/MH-ACTREC-622/2020|2020-09-11|EPI_ISL_700257|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Australia/VIC1041/2020|2020-04-03|EPI_ISL_430536|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Austria/CeMM0166/2020|2020-03-06|EPI_ISL_438011|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Brazil/RJ-00341/2020|2020-05-04|EPI_ISL_623144|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Norway/4749/2020|2020-10-22|EPI_ISL_668396|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/WA-OHSU-2097/2020|2020-08-04|EPI_ISL_667115|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/NORW-ECFB2/2020|2020-06-18|EPI_ISL_499601|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Brazil/SP-148/2020|2020-03-23|EPI_ISL_468313|Original|hCoV-19^^S\u00e3o Paulo|Human|Vigilancia Epidemiologica de S\u00e3o Bernardo do Campo|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/AZ-TG670224/2020|2020-04-30|EPI_ISL_696407|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Gambia/GC19-2450/2020|2020-07-21|EPI_ISL_561107|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/WA-S242/2020|2020-03-01|EPI_ISL_430280|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Bahrain/341051639_S14_L001/2020|2020-11-21|EPI_ISL_678267|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/Denmark/DCGC-21459/2020|2020-12-21|EPI_ISL_758177|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-005309/2020|2020-03-16|EPI_ISL_510190|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-Wadsworth-213974-01/2020|2020-09-09|EPI_ISL_765496|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MN-MDH-1464/2020|2020-03-24|EPI_ISL_518858|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/South Africa/KRISP-0445/2020|2020-06-30|EPI_ISL_498058|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B35FA0/2020|2020-11-05|EPI_ISL_645283|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3008/2020|2020-03-27|EPI_ISL_486076|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/BIRM-5FC0E/2020|2020-05-20|EPI_ISL_473390|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-99C5F2/2020|2020-08-30|EPI_ISL_550735|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21042/2020|2020-12-21|EPI_ISL_758792|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K002874/2020|2020-09-04|EPI_ISL_602687|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/Utrecht_20/2020|2020-03-11|EPI_ISL_422897|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-B37111/2020|2020-11-05|EPI_ISL_645466|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0474/2020|2020-10-22|EPI_ISL_622812|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-B960F5/2020|2020-11-14|EPI_ISL_676058|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-492A3E/2020|2020-11-23|EPI_ISL_725736|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B1B289/2020|2020-11-02|EPI_ISL_645889|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7EA3/2020|2020-10-13|EPI_ISL_637641|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9D0E06/2020|2020-09-16|EPI_ISL_601865|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200042086/2020|2020-11-02|EPI_ISL_649807|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Jordan/AZ-ALSR-5301/2020|2020-10-31|EPI_ISL_730537|Original|hCoV-19^^Zarqa|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMB-7F716/2020|2020-04-09|EPI_ISL_470498|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16887/2020|2020-12-14|EPI_ISL_750208|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9F3B2/2020|2020-05-01|EPI_ISL_453452|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15887/2020|2020-07-10|EPI_ISL_785571|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B8D38F/2020|2020-11-13|EPI_ISL_674109|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02928/2020|2020-04-30|EPI_ISL_509547|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20924/2020|2020-05-26|EPI_ISL_476060|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/CVR1448/2020|2020-04-01|EPI_ISL_438815|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9A964A/2020|2020-09-02|EPI_ISL_551231|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20681/2020|2020-12-21|EPI_ISL_759296|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/UN-N8/2020|2020-00-00|EPI_ISL_497763|Original|hCoV-19^^India|Human|CSIR-CDRI/SGPGI|CSIR-CDRI/SGPGI|Singh|India

>Spike|hCoV-19/USA/WI-GMF-17378/2020|2020-08-27|EPI_ISL_547738|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Germany/BW-UKT-a002/2020|2020-03-23|EPI_ISL_723093|Original|hCoV-19^^Baden-Wuerttemberg|Human|Institute of Medical Genetics and Applied Genomics|Institute of Medical Genetics and Applied Genomics|Gross|Germany

>Spike|hCoV-19/England/CAMC-9D229F/2020|2020-09-18|EPI_ISL_601691|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22066/2020|2020-12-14|EPI_ISL_758534|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A6A732/2020|2020-10-09|EPI_ISL_627516|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A879EE/2020|2020-10-16|EPI_ISL_606135|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL158/2020|2020-04-01|EPI_ISL_456001|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14281/2020|2020-10-05|EPI_ISL_787566|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16A0F4/2020|2020-08-25|EPI_ISL_535201|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-96F9B0/2020|2020-08-18|EPI_ISL_540287|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08AC3/2020|2020-10-29|EPI_ISL_643832|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON_QGLO-037/2020|2020-03-30|EPI_ISL_459888|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Center|Queen's Genomics Lab at Ongwanada (Q-GLO)|Sjaarda|Canada

>Spike|hCoV-19/Indonesia/KR-NIHRD-PME9874/2020|2020-11-11|EPI_ISL_791985|Original|hCoV-19^^Kepulauan Riau|Human|RS Santa Maria Pekanbaru|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/USA/NY-Wadsworth-281391-01/2020|2020-10-23|EPI_ISL_734460|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/SAP344/2020|2020-03-24|EPI_ISL_483120|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/AK-PHL817/2020|2020-07-04|EPI_ISL_528527|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/USA/CA-ALSR-2746/2020|2020-07-15|EPI_ISL_635656|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-9871/2020|2020-11-09|EPI_ISL_668488|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-9CF4BD/2020|2020-09-17|EPI_ISL_601923|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9441/2020|2020-07-03|EPI_ISL_781123|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-955D39/2020|2020-06-12|EPI_ISL_553891|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B41202/2020|2020-11-08|EPI_ISL_658703|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-150435/2020|2020-08-13|EPI_ISL_746647|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/OXON-B0825/2020|2020-00-00|EPI_ISL_478913|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10267/2020|2020-07-07|EPI_ISL_789404|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/SC-20-1601-T03/2020|2020-07-03|EPI_ISL_516773|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/Turkey/KU-019/2020|2020-06-05|EPI_ISL_495429|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/England/CAMC-94858C/2020|2020-07-18|EPI_ISL_556733|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB8C9F/2020|2020-11-20|EPI_ISL_702616|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6609/2020|2020-06-22|EPI_ISL_484684|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B5F2/2020|2020-12-09|EPI_ISL_730791|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1710/2020|2020-03-17|EPI_ISL_604064|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-9EF244/2020|2020-09-24|EPI_ISL_594910|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012821012/2020|2020-11-12|EPI_ISL_746948|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/SHEF-C493A/2020|2020-04-01|EPI_ISL_432792|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-CC3832/2020|2020-12-21|EPI_ISL_760620|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Beijing/IME-HZ01/2020|2020-01-22|EPI_ISL_450444|unknown|hCoV-19^^Beijing|Human|20 Dongda Street|Dept. OPA|Submitter|China

>Spike|hCoV-19/USA/TX-HMH-1104/2020|2020-04-22|EPI_ISL_542533|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/UMB-IZSUM-48682-23/2020|2020-10-29|EPI_ISL_763326|Original|hCoV-19^^Umbria|Human|Istituto Zooprofilattico Sperimentale dell' Umbria e delle Marche - Togo Rosati|Istituto Superiore di Sanit\u00e0|De Sabato|Italy

>Spike|hCoV-19/England/NOTT-113555/2020|2020-09-20|EPI_ISL_549512|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-2936FF/2020|2020-06-30|EPI_ISL_499549|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00454/2020|2020-04-30|EPI_ISL_693107|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/TX-HMH-2863/2020|2020-06-08|EPI_ISL_543833|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-026/2020|2020-04-14|EPI_ISL_436530|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/OXON-B210A/2020|2020-04-22|EPI_ISL_479116|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-BCBDC3/2020|2020-11-27|EPI_ISL_704558|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16000/2020|2020-07-10|EPI_ISL_785684|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-111BFB/2020|2020-05-29|EPI_ISL_472384|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL178/2020|2020-05-14|EPI_ISL_574313|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-B5DCF6/2020|2020-11-08|EPI_ISL_723583|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3280/2020|2020-06-11|EPI_ISL_544098|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-190063/2020|2020-07-09|EPI_ISL_500923|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/MD-IBV-99008540/2020|2020-09-05|EPI_ISL_654086|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-NYUMC79/2020|2020-03-18|EPI_ISL_421580|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Russia/StPetersburg-RII15520S/2020|2020-05-15|EPI_ISL_507268|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-3855/2020|2020-07-00|EPI_ISL_692106|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-2399/2020|2020-07-06|EPI_ISL_635458|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/France/PAC-IHU-0290/2020|2020-03-31|EPI_ISL_569435|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/MN-MDH-1277/2020|2020-03-14|EPI_ISL_482998|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-A9F0C0/2020|2020-10-20|EPI_ISL_611336|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB7E7A/2020|2020-10-26|EPI_ISL_651376|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-1E013F/2020|2020-10-11|EPI_ISL_627445|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1311/2020|2020-07-23|EPI_ISL_572253|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/NOTT-10F5D4/2020|2020-04-03|EPI_ISL_433025|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2039/2020|2020-08-01|EPI_ISL_667100|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-4137/2020|2020-09-21|EPI_ISL_621957|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B679A/2020|2020-10-06|EPI_ISL_584305|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BRIS-1853276/2020|2020-04-01|EPI_ISL_492263|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2930/2020|2020-04-00|EPI_ISL_691056|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14150/2020|2020-10-03|EPI_ISL_787435|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MD-HP12129/2020|2020-12-20|EPI_ISL_791439|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Belgium/reg-0916971/2020|2020-09-16|EPI_ISL_734961|Original|hCoV-19^^Begijnendijk|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/AZ-TG555647/2020|2020-07-29|EPI_ISL_695542|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B47CB3/2020|2020-11-07|EPI_ISL_649440|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F5183/2020|2020-11-21|EPI_ISL_725226|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUEH-A4BC47/2020|2020-10-05|EPI_ISL_628519|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1559/2020|2020-06-22|EPI_ISL_681872|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/AZ-TG485093/2020|2020-07-09|EPI_ISL_695078|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/FL-BPHL-2247/2020|2020-07-27|EPI_ISL_666869|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-16AD48/2020|2020-09-12|EPI_ISL_560191|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3442/2020|2020-09-15|EPI_ISL_636032|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-123428/2020|2020-04-06|EPI_ISL_442668|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13181/2020|2020-11-30|EPI_ISL_712636|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A6B124/2020|2020-10-09|EPI_ISL_608763|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/336417/2020|2020-04-04|EPI_ISL_496847|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/EXET-13C41D/2020|2020-11-21|EPI_ISL_705383|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15619/2020|2020-10-26|EPI_ISL_785303|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/EXET-138684/2020|2020-10-16|EPI_ISL_626726|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B1F874/2020|2020-11-01|EPI_ISL_646019|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7F2E8/2020|2020-04-08|EPI_ISL_442967|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-059/2020|2020-03-28|EPI_ISL_428379|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/TX-QDX-189/2020|2020-04-27|EPI_ISL_494544|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/MD-IBV-99012342/2020|2020-11-20|EPI_ISL_779991|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MA-MGH-03475/2020|2020-11-19|EPI_ISL_765853|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Singapore/679/2020|2020-07-02|EPI_ISL_498577|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/PORT-2D13FE/2020|2020-03-25|EPI_ISL_479194|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Chile/RM-ISPCH-1/2020|2020-03-03|EPI_ISL_414579|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Clinica Alemana de Santiago|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/MILK-BB18A1/2020|2020-11-17|EPI_ISL_720209|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F2E2C/2020|2020-09-23|EPI_ISL_588551|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH3430S/2020|2020-10-07|EPI_ISL_733148|Original|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Spain/IB-IBV-99010815/2020|2020-07-30|EPI_ISL_691631|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/LIVE-DBDDC2/2020|2020-10-30|EPI_ISL_664637|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A291/2020|2020-11-15|EPI_ISL_673567|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20030/2020|2020-11-06|EPI_ISL_729472|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-ALSR-4216/2020|2020-08-14|EPI_ISL_648891|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22084/2020|2020-03-24|EPI_ISL_594196|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Wales/PHWC-493D07/2020|2020-11-19|EPI_ISL_726014|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-59E5D6/2020|2020-06-14|EPI_ISL_558780|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486587/2020|2020-10-27|EPI_ISL_638150|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/KY-9A10/2020|2020-03-18|EPI_ISL_468064|Original|hCoV-19^^Kentucky|Human|unknown|Computer Science and Engineering|Submitter|USA

>Spike|hCoV-19/Australia/NSW2042/2020|2020-03-20|EPI_ISL_500613|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/CAMC-B0A083/2020|2020-10-29|EPI_ISL_672934|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-110084/2020|2020-04-15|EPI_ISL_441465|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-A417E6/2020|2020-10-06|EPI_ISL_609482|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW541/2020|2020-03-22|EPI_ISL_455080|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-BB57BF/2020|2020-11-20|EPI_ISL_703123|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC298a/2020|2020-06-15|EPI_ISL_495040|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-A23A5A/2020|2020-10-03|EPI_ISL_638455|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-B05F21/2020|2020-10-24|EPI_ISL_643009|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB1D76/2020|2020-10-22|EPI_ISL_623736|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-00020/2020|2020-03-13|EPI_ISL_603049|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-3680/2020|2020-07-20|EPI_ISL_548374|Original|hCoV-19^^California|Human|University of California|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Gibraltar/204462878/2020|2020-10-29|EPI_ISL_615045|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-A66DCB/2020|2020-10-12|EPI_ISL_630477|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11BCA3/2020|2020-11-13|EPI_ISL_650811|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/FL-EMC-33/2020|2020-10-16|EPI_ISL_632728|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/PV-ISCI-201607/2020|2020-03-03|EPI_ISL_419240|Original|hCoV-19^^Basque Country|Human|HOSPITAL TXAGORRITXU|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/USA/NY-NYCPHL-000516/2020|2020-03-20|EPI_ISL_631977|Original|hCoV-19^^New York|Human|SUNY Downstate Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MI-UM-10036821132/2020|2020-11-06|EPI_ISL_728378|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21347/2020|2020-04-01|EPI_ISL_507601|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/India/WB-IK52/2020|2020-05-05|EPI_ISL_511902|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/Scotland/QEUIH-A4C709/2020|2020-10-07|EPI_ISL_595993|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21773/2020|2020-12-21|EPI_ISL_758353|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5117/2020|2020-07-19|EPI_ISL_519920|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/Leiden-0001/2020|2020-03-03|EPI_ISL_482746|Original|hCoV-19^^Netherlands|Human|Medical Microbiology|Medical Microbiology|Submitter|Netherlands

>Spike|hCoV-19/USA/WI-UW-2421/2020|2020-12-04|EPI_ISL_754665|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/NORT-2A7106/2020|2020-10-28|EPI_ISL_637280|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13669/2020|2020-08-19|EPI_ISL_788767|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4912DD/2020|2020-11-12|EPI_ISL_706638|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0559/2020|2020-07-06|EPI_ISL_508762|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/QEUEH-AD4821/2020|2020-10-26|EPI_ISL_634030|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL442/2020|2020-06-16|EPI_ISL_578846|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/20129173004/2020|2020-03-21|EPI_ISL_424144|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC490/2020|2020-04-21|EPI_ISL_489569|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-525/2020|2020-03-27|EPI_ISL_447476|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/RI-CDC-2-3714559/2020|2020-12-03|EPI_ISL_751595|Original|hCoV-19^^Rhode Island|Human|RI State Health Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-4188/2020|2020-09-21|EPI_ISL_622081|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-1072E4/2020|2020-03-30|EPI_ISL_585135|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11561/2020|2020-06-22|EPI_ISL_570436|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-OHSU-1345/2020|2020-07-14|EPI_ISL_509186|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-10253/2020|2020-11-09|EPI_ISL_669859|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-CC2D61/2020|2020-12-21|EPI_ISL_778274|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012085032/2020|2020-08-09|EPI_ISL_745795|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/QC_AF6/2020|2020-04-06|EPI_ISL_463912|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/CA-IGI-0710/2020|2020-07-24|EPI_ISL_677877|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Brazil/SP-L14-CD240/2020|2020-03-26|EPI_ISL_476244|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Denmark/DCGC-6723/2020|2020-04-20|EPI_ISL_622361|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC7761/2020|2020-08-02|EPI_ISL_564636|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-AB74C6/2020|2020-10-21|EPI_ISL_623538|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-121E86/2020|2020-03-19|EPI_ISL_440032|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC4510/2020|2020-07-16|EPI_ISL_518921|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A587BF/2020|2020-10-09|EPI_ISL_596985|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH2-165/2020|2020-02-11|EPI_ISL_455375|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/TX-HMH-MCoV-10260/2020|2020-07-07|EPI_ISL_789398|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-150/2020|2020-04-13|EPI_ISL_427457|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/GCVR-17134C/2020|2020-03-26|EPI_ISL_459643|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009566/2020|2020-07-28|EPI_ISL_683639|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Peru/LIM-UPCH-0193/2020|2020-10-16|EPI_ISL_729888|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/USA/TX-HMH-MCoV-12598/2020|2020-08-31|EPI_ISL_790412|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-6476/2020|2020-10-12|EPI_ISL_620376|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0084/2020|2020-03-24|EPI_ISL_437949|Original|hCoV-19^^Steinach am Brenner|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/201090235/2020|2020-03-04|EPI_ISL_464547|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S86/2020|2020-03-01|EPI_ISL_417139|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/20134040803/2020|2020-03-23|EPI_ISL_420516|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20508/2020|2020-05-06|EPI_ISL_460556|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-1632/2020|2020-04-06|EPI_ISL_619063|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR3272/2020|2020-05-06|EPI_ISL_493842|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-4030/2020|2020-08-07|EPI_ISL_548664|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/LA-EVTL496/2020|2020-07-30|EPI_ISL_578900|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-9EDE51/2020|2020-05-08|EPI_ISL_580686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1335/2020|2020-03-14|EPI_ISL_572124|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/NSW318/2020|2020-04-01|EPI_ISL_451581|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/OR-OHSU-1825/2020|2020-07-27|EPI_ISL_526039|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/UT-UPHL-2012655372/2020|2020-10-24|EPI_ISL_745533|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NM-DOH-2020632129/2020|2020-12-20|EPI_ISL_766916|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-380291/2020|2020-11-25|EPI_ISL_721718|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-A6C42A/2020|2020-10-14|EPI_ISL_608273|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B103/2020|2020-12-07|EPI_ISL_742297|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654345/2020|2020-04-13|EPI_ISL_695987|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15929/2020|2020-07-10|EPI_ISL_785613|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-11328/2020|2020-06-22|EPI_ISL_570395|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-964E43/2020|2020-08-13|EPI_ISL_531089|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG618046/2020|2020-07-20|EPI_ISL_695688|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Iceland/84/2020|2020-03-10|EPI_ISL_417761|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/MA-MGH-03462/2020|2020-11-17|EPI_ISL_765846|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/United Arab Emirates/0764/2020|2020-05-19|EPI_ISL_698908|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-B2102C/2020|2020-11-02|EPI_ISL_647350|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/336523/2020|2020-04-05|EPI_ISL_496852|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/TX-HMH-MCoV-10113/2020|2020-07-07|EPI_ISL_789325|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B552ED/2020|2020-11-05|EPI_ISL_658022|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0DFE/2020|2020-11-18|EPI_ISL_720517|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6572/2020|2020-04-20|EPI_ISL_527733|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-A05D64/2020|2020-09-28|EPI_ISL_599908|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC425/2020|2020-11-25|EPI_ISL_724506|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5183/2020|2020-09-21|EPI_ISL_621721|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW2063/2020|2020-03-19|EPI_ISL_509496|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/USA/NY-CDC-2-3714164/2020|2020-11-24|EPI_ISL_751580|Original|hCoV-19^^New York|Human|NYSDOH Wadsworth Center|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/CAMB-824EC/2020|2020-04-13|EPI_ISL_443472|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00633/2020|2020-05-12|EPI_ISL_692995|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/LOND-1260300/2020|2020-03-15|EPI_ISL_524663|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A60F07/2020|2020-10-13|EPI_ISL_665490|Original|hCoV-19^^Scotland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/SHEF-10CFEF1/2020|2020-12-05|EPI_ISL_742024|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F6DEF/2020|2020-09-27|EPI_ISL_595634|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20060346/2020|2020-07-19|EPI_ISL_539812|Original|hCoV-19^^Hong Kong|Human|Asiaworld Expo Command Post|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/Scotland/EDB3354/2020|2020-04-09|EPI_ISL_487743|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4468/2020|2020-06-17|EPI_ISL_543645|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CD1F4/2020|2020-09-16|EPI_ISL_566277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA720/2020|2020-04-17|EPI_ISL_470311|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A8994/2020|2020-04-03|EPI_ISL_539145|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-100148/2020|2020-03-16|EPI_ISL_451732|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-12811/2020|2020-08-19|EPI_ISL_790541|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Vietnam/HCMC-35014/2020|2020-03-21|EPI_ISL_498189|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19/Sweden/20-05627/2020|2020-03-13|EPI_ISL_434645|Original|hCoV-19^^Dalarna|Human|Svardsjo VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Northern Ireland/QEUA-96B8F3/2020|2020-08-16|EPI_ISL_531287|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-BEAE9E/2020|2020-12-04|EPI_ISL_710621|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9C009/2020|2020-03-23|EPI_ISL_449501|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2097/2020|2020-04-05|EPI_ISL_456376|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/England/NORW-F2317/2020|2020-00-00|EPI_ISL_627661|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18788/2020|2020-11-21|EPI_ISL_785118|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9B5854/2020|2020-08-28|EPI_ISL_590321|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17640/2020|2020-12-14|EPI_ISL_750364|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-14664/2020|2020-10-11|EPI_ISL_787949|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/205260469/2020|2020-12-19|EPI_ISL_754322|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB106/2020|2020-11-20|EPI_ISL_701834|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9725/2020|2020-08-24|EPI_ISL_565675|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A36A90/2020|2020-10-04|EPI_ISL_638041|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16907/2020|2020-12-14|EPI_ISL_750636|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6766/2020|2020-10-12|EPI_ISL_619462|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A0DBC/2020|2020-12-12|EPI_ISL_743577|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-171731/2020|2020-03-28|EPI_ISL_489596|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201790459/2020|2020-04-25|EPI_ISL_526765|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-0071/2020|2020-03-30|EPI_ISL_445380|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/AZ-TG493639/2020|2020-07-13|EPI_ISL_695234|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC3976/2020|2020-07-13|EPI_ISL_519368|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-3764/2020|2020-04-14|EPI_ISL_548480|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/ON-UHTC_0105/2020|2020-05-15|EPI_ISL_526260|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/OXON-AD08D/2020|2020-04-07|EPI_ISL_448557|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4627/2020|2020-11-10|EPI_ISL_702536|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-94EE5E/2020|2020-06-17|EPI_ISL_556413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4425/2020|2020-09-14|EPI_ISL_585297|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/EDB5251/2020|2020-05-21|EPI_ISL_456996|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Austria/CeMM0249/2020|2020-03-21|EPI_ISL_438079|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/AZ-TG395885/2020|2020-06-06|EPI_ISL_694730|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-95AD70/2020|2020-06-09|EPI_ISL_555543|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8031/2020|2020-10-01|EPI_ISL_585472|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005847/2020|2020-03-29|EPI_ISL_537390|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-S734/2020|2020-04-13|EPI_ISL_449904|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A5085A/2020|2020-10-07|EPI_ISL_597880|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2370/2020|2020-05-15|EPI_ISL_513811|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-953858/2020|2020-06-08|EPI_ISL_553851|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15561/2020|2020-11-23|EPI_ISL_713894|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14017/2020|2020-11-30|EPI_ISL_711092|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-5037/2020|2020-12-06|EPI_ISL_730307|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-S687/2020|2020-04-08|EPI_ISL_449857|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-ACE990/2020|2020-10-22|EPI_ISL_629607|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/TKYE630074/2020|2020-08-00|EPI_ISL_649138|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Ryota|Japan

>Spike|hCoV-19/Canada/MB-NML-603/2020|2020-03-23|EPI_ISL_582285|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Taiwan/NTU07/2020|2020-03-13|EPI_ISL_422410|Vero E6|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/USA/UT-UPHL-2012150055/2020|2020-08-17|EPI_ISL_745564|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-ALSR-3527/2020|2020-09-08|EPI_ISL_636070|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-16473/2020|2020-11-16|EPI_ISL_714789|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/VC-IBV-98003104/2020|2020-03-15|EPI_ISL_538040|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/ZH-EMC-572/2020|2020-09-20|EPI_ISL_578000|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Zimbabwe/ZW-6985/2020|2020-05-01|EPI_ISL_644752|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/USA/NY-MSK-9A/2020|2020-03-15|EPI_ISL_583461|Original|hCoV-19^^New York|Human|Memorial Sloan Kettering Cancer Center|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/England/QEUH-96AF3B/2020|2020-08-15|EPI_ISL_531383|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AEB30/2020|2020-00-00|EPI_ISL_448759|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-BABB74/2020|2020-11-18|EPI_ISL_681462|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B34DE3/2020|2020-11-05|EPI_ISL_659571|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AB18EE/2020|2020-10-23|EPI_ISL_623774|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/SI204487-NT/2020|2020-03-11|EPI_ISL_437611|unknown|hCoV-19^^Thailand|Human|unknown|Faculty of Medicine|Submitter|Thailand

>Spike|hCoV-19/Germany/HH-hpi-p2389/2020|2020-06-11|EPI_ISL_775652|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Spain/IB-IBV-99010783/2020|2020-10-06|EPI_ISL_691673|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-4594/2020|2020-06-21|EPI_ISL_543741|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-SFS-S2854/2020|2020-09-03|EPI_ISL_575032|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-953DE0/2020|2020-06-12|EPI_ISL_554411|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142078104/2020|2020-03-30|EPI_ISL_465943|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-9B76F/2020|2020-04-22|EPI_ISL_440874|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-A9D6EE/2020|2020-10-20|EPI_ISL_680020|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1936/2020|2020-05-18|EPI_ISL_542909|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Malaysia/5815/2020|2020-04-06|EPI_ISL_501213|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/Brazil/SP-08/2020|2020-03-04|EPI_ISL_416029|Original|hCoV-19^^S\u00e3o Paulo|Human|Laboirat\u00f3rio Fleury|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Chile/RM-ISPCH-49/2020|2020-03-23|EPI_ISL_445328|Original|hCoV-19^^Region Metropolitana de Santiago|Human|MEGASALUD S.A.|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/ALDP-A6CABF/2020|2020-10-15|EPI_ISL_607201|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B240ED/2020|2020-11-04|EPI_ISL_646418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7DC3D/2020|2020-10-13|EPI_ISL_606458|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_708/2020|2020-05-07|EPI_ISL_461143|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-107509/2020|2020-03-30|EPI_ISL_585162|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/LOND-1264BE6/2020|2020-11-23|EPI_ISL_724544|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-C48A4E/2020|2020-12-12|EPI_ISL_736559|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D4D32/2020|2020-09-19|EPI_ISL_601519|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4197/2020|2020-07-16|EPI_ISL_519525|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-PHL-20-03743/2020|2020-11-00|EPI_ISL_775211|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-4943E6/2020|2020-11-18|EPI_ISL_726110|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-5E2CA1/2020|2020-06-17|EPI_ISL_533329|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4BD6/2020|2020-10-21|EPI_ISL_624493|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0122/2020|2020-06-08|EPI_ISL_495144|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/USA/WI-UW-884/2020|2020-07-10|EPI_ISL_509886|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Shanghai/SH0071/2020|2020-02-07|EPI_ISL_416374|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/England/CAMB-75CD5/2020|2020-03-30|EPI_ISL_438331|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-BCD7D2/2020|2020-11-26|EPI_ISL_704463|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC09D/2020|2020-10-21|EPI_ISL_629119|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485A89/2020|2020-10-24|EPI_ISL_628245|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG366714/2020|2020-06-02|EPI_ISL_694478|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Norway/2793/2020|2020-06-25|EPI_ISL_493359|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/MILK-970C2C/2020|2020-08-18|EPI_ISL_553040|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9254/2020|2020-07-03|EPI_ISL_781018|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-13759/2020|2020-09-17|EPI_ISL_739634|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-DSHS-0845/2020|2020-06-09|EPI_ISL_593585|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-2779/2020|2020-06-03|EPI_ISL_545549|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B109DA/2020|2020-11-02|EPI_ISL_642607|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_97/2020|2020-03-18|EPI_ISL_422857|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Morocco/HMIMV-Rabat1435-04/2020|2020-04-19|EPI_ISL_471459|Original|hCoV-19^^Rabat|Human|Centre de Virologie des Maladies Tropicales|Functional Genomic Platform/Service Analyses Biologique/UATRS/ Centre National Pour la Recherche Scientifique Et Technique (CNRST)|El Fahime|Morocco

>Spike|hCoV-19/England/CAMB-7D271/2020|2020-04-06|EPI_ISL_442067|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-367EE/2020|2020-04-28|EPI_ISL_474714|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26556581/2020|2020-04-14|EPI_ISL_485206|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/South Africa/KRISP-0559/2020|2020-07-14|EPI_ISL_498098|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/NSW1020/2020|2020-03-26|EPI_ISL_593665|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12665/2020|2020-08-31|EPI_ISL_790450|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/NHLs-UCT-GS-2211/2020|2020-08-05|EPI_ISL_700521|Original|hCoV-19^^Western Cape|Human|Alma CDC wc AHC|NHLs/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/USA/CA-CZB-12854/2020|2020-10-19|EPI_ISL_648494|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NOTT-113B71/2020|2020-09-27|EPI_ISL_573462|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir2000/2020|2020-03-09|EPI_ISL_729498|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/QEUA-96D17E/2020|2020-08-19|EPI_ISL_530692|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-122351/2020|2020-12-20|EPI_ISL_745394|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/MILK-B3DAC5/2020|2020-11-02|EPI_ISL_741385|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1602/2020|2020-08-14|EPI_ISL_614013|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/South Korea/KDCA0358/2020|2020-10-20|EPI_ISL_760143|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/NOTT-1107DA/2020|2020-04-20|EPI_ISL_441860|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-J199/2020|2020-04-01|EPI_ISL_450327|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-12121/2020|2020-09-25|EPI_ISL_790208|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MD-MDH-0325/2020|2020-10-14|EPI_ISL_648271|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-13810/2020|2020-11-30|EPI_ISL_713038|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-CB1BC5/2020|2020-12-06|EPI_ISL_760896|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99423/2020|2020-11-15|EPI_ISL_673357|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1839/2020|2020-07-27|EPI_ISL_526044|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21953/2020|2020-03-31|EPI_ISL_566004|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-B06CB0/2020|2020-10-29|EPI_ISL_652271|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-9526F5/2020|2020-06-09|EPI_ISL_553928|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/OW-ETHZ-410147/2020|2020-12-15|EPI_ISL_737769|Original|hCoV-19^^Obwalden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-6E51BD/2020|2020-06-29|EPI_ISL_557636|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6120/2020|2020-08-00|EPI_ISL_689232|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-950F65/2020|2020-06-14|EPI_ISL_554183|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201120178/2020|2020-03-07|EPI_ISL_464667|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-8251/2020|2020-08-00|EPI_ISL_687350|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B395D7/2020|2020-11-02|EPI_ISL_658908|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9DDA23/2020|2020-09-21|EPI_ISL_599794|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B930C/2020|2020-11-04|EPI_ISL_651699|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-B247AC/2020|2020-11-04|EPI_ISL_647070|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6442/2020|2020-07-05|EPI_ISL_545999|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BB0E0A/2020|2020-11-18|EPI_ISL_720484|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12BBB2/2020|2020-05-16|EPI_ISL_469350|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAABDF/2020|2020-11-18|EPI_ISL_681448|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-997C01/2020|2020-08-28|EPI_ISL_549545|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-C3490C/2020|2020-12-11|EPI_ISL_733999|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5683/2020|2020-05-28|EPI_ISL_473836|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Sweden/20-52637/2020|2020-08-21|EPI_ISL_534257|Original|hCoV-19^^Vasternorrland|Human|Laboratoriemedicin Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Scotland/EDB11317/2020|2020-12-24|EPI_ISL_764363|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8904/2020|2020-07-02|EPI_ISL_780822|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1038/2020|2020-05-03|EPI_ISL_463528|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-5579/2020|2020-06-25|EPI_ISL_544876|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Poland/Masovia-14965/2020|2020-09-27|EPI_ISL_754902|Original|hCoV-19^^Masovia|Human|Laboratory Diagnostics and Clinical Immunology of Developmental Age|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/Japan/PG-0355/2020|2020-03-31|EPI_ISL_480027|Original|hCoV-19^^Kanto|Human|Ibaraki Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3839/2020|2020-07-12|EPI_ISL_520552|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-12E311/2020|2020-04-21|EPI_ISL_481971|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-642628/2020|2020-07-04|EPI_ISL_556261|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1775/2020|2020-07-13|EPI_ISL_618211|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204221427/2020|2020-00-00|EPI_ISL_593806|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1239/2020|2020-12-17|EPI_ISL_768508|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-3605/2020|2020-06-15|EPI_ISL_543060|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DC9B41/2020|2020-12-05|EPI_ISL_705158|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8240/2020|2020-07-07|EPI_ISL_784284|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA38B2/2020|2020-10-22|EPI_ISL_625248|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7949/2020|2020-09-27|EPI_ISL_585458|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Benin/1022/2020|2020-03-25|EPI_ISL_476826|Original|hCoV-19^^Cotonou|Human|Laboratoire des Fi\u00e8vres H\u00e9morragiques Virales du Benin|Charit\u00e9-Universit\u00e4tsmedizin Berlin|Moreira-Soto|Benin

>Spike|hCoV-19/Canada/ON-S1886/2020|2020-11-24|EPI_ISL_729311|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CAMB-7E2AD/2020|2020-04-17|EPI_ISL_434060|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13441/2020|2020-11-30|EPI_ISL_712802|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-3309/2020|2020-06-10|EPI_ISL_544121|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-12638/2020|2020-11-16|EPI_ISL_682819|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BBA76F/2020|2020-11-20|EPI_ISL_702019|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7998/2020|2020-06-29|EPI_ISL_545778|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-18-14/2020|2020-07-04|EPI_ISL_523041|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-21991/2020|2020-12-14|EPI_ISL_758498|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-10652/2020|2020-06-09|EPI_ISL_570340|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-10D0D96/2020|2020-12-14|EPI_ISL_765179|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17904/2020|2020-12-14|EPI_ISL_749635|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/VEN-IZSVE-20RS2272-42_PD/2020|2020-12-20|EPI_ISL_763084|Original|hCoV-19^^Veneto|Human|Microbiologia e Virologia|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/SHEF-C5571/2020|2020-05-04|EPI_ISL_490595|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D918/2020|2020-12-05|EPI_ISL_742848|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2112/2020|2020-03-12|EPI_ISL_653265|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC4819/2020|2020-07-17|EPI_ISL_519204|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-2032/2020|2020-09-18|EPI_ISL_640124|Original|hCoV-19^Western Cape|Human|False Bay Hospital wc FBH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/QEUEH-9FFD22/2020|2020-10-02|EPI_ISL_600164|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B68979/2020|2020-11-11|EPI_ISL_662152|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F32E3/2020|2020-09-24|EPI_ISL_600781|Original|hCoV-19^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462871/2020|2020-10-29|EPI_ISL_615038|Original|hCoV-19^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/NY-NYCPHL-001133/2020|2020-10-26|EPI_ISL_671716|Original|hCoV-19^New York|Human|DOHMH PHL|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-15659/2020|2020-11-23|EPI_ISL_713945|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AC9054/2020|2020-10-22|EPI_ISL_629638|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201090619/2020|2020-03-04|EPI_ISL_464592|Original|hCoV-19^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC323b/2020|2020-06-12|EPI_ISL_495080|Original|hCoV-19^Gujarat|Human|Department of MicroBiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/ALDP-C3C1FD/2020|2020-12-10|EPI_ISL_730932|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2041/2020|2020-06-05|EPI_ISL_497469|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/South Korea/KDCA0385/2020|2020-11-04|EPI_ISL_760169|Original|hCoV-19^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Wales/PHWC-320D8/2020|2020-04-13|EPI_ISL_446604|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5325/2020|2020-06-23|EPI_ISL_544682|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7E8AB/2020|2020-04-08|EPI_ISL_442615|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B33E1E/2020|2020-11-05|EPI_ISL_659316|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9985C9/2020|2020-08-24|EPI_ISL_540076|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/5429/2020|2020-10-26|EPI_ISL_708091|Original|hCoV-19^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Hong Kong/HKU-200723-022/2020|2020-03-06|EPI_ISL_497789|Original|hCoV-19^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/USA/MA-MGH-00430/2020|2020-03-07|EPI_ISL_460366|Original|hCoV-19^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-9B5A12/2020|2020-08-28|EPI_ISL_590442|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62450/2020|2020-11-07|EPI_ISL_656490|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17995/2020|2020-12-14|EPI_ISL_749688|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10406/2020|2020-08-21|EPI_ISL_540573|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-A46954/2020|2020-10-06|EPI_ISL_598460|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0293/2020|2020-03-26|EPI_ISL_579083|Original|hCoV-19^^Auckland|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-C5987D/2020|2020-12-13|EPI_ISL_736076|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL482/2020|2020-06-23|EPI_ISL_578886|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-B74AC2/2020|2020-11-12|EPI_ISL_678969|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B62A30/2020|2020-11-09|EPI_ISL_656623|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII4726S/2020|2020-04-07|EPI_ISL_427334|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/NORT-283698/2020|2020-03-31|EPI_ISL_478503|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-AD4DE6/2020|2020-10-26|EPI_ISL_633754|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBD1B7/2020|2020-10-27|EPI_ISL_664444|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1EB2/2020|2020-10-22|EPI_ISL_624404|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-2715/2020|2020-03-13|EPI_ISL_605027|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20099072604/2020|2020-02-28|EPI_ISL_464224|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4425/2020|2020-09-14|EPI_ISL_621846|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6855/2020|2020-10-12|EPI_ISL_619700|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-CA979F/2020|2020-12-17|EPI_ISL_762236|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035963996/2020|2020-09-15|EPI_ISL_583355|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH1022/2020|2020-06-23|EPI_ISL_512892|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Chile/RM-ISPCH-23/2020|2020-03-21|EPI_ISL_445302|Original|hCoV-19^^Region Metropolitana de Santiago|Human|INSTITUTO MEDICO LEGAL|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/England/MILK-82264A/2020|2020-07-17|EPI_ISL_557275|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654369/2020|2020-04-13|EPI_ISL_696006|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/NM-UNM-00009/2020|2020-03-14|EPI_ISL_467591|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/CA-CDPH180/2020|2020-09-28|EPI_ISL_754917|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/ALDP-954787/2020|2020-06-09|EPI_ISL_555324|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-951B24/2020|2020-06-10|EPI_ISL_551335|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7240D/2020|2020-03-24|EPI_ISL_439542|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0657-IPL/2020|2020-04-17|EPI_ISL_483282|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20380/2020|2020-12-07|EPI_ISL_728600|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/SHEF-C423F/2020|2020-06-24|EPI_ISL_493676|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/CVR6040/2020|2020-11-30|EPI_ISL_705715|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NORW-EA6CE/2020|2020-05-24|EPI_ISL_472295|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10016/2020|2020-03-30|EPI_ISL_421194|Original|hCoV-19^^Liège|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-CZB-10622/2020|2020-09-03|EPI_ISL_648550|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/PORT-2F6153/2020|2020-11-13|EPI_ISL_741744|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Colombia/VAC-GUV-92042/2020|2020-03-31|EPI_ISL_447756|Original|hCoV-19^^Valle del Cauca|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiológicas-UR (GIMUR)|Ramírez|Colombia

>Spike|hCoV-19/England/ALDP-94B510/2020|2020-06-12|EPI_ISL_556491|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-60/2020|2020-06-07|EPI_ISL_603167|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/England/CAMB-74113/2020|2020-03-20|EPI_ISL_440312|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Chile/RM-127602/2020|2020-07-17|EPI_ISL_746605|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/CAMB-1AB66E/2020|2020-04-22|EPI_ISL_470099|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1966/2020|2020-04-13|EPI_ISL_653119|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC14868/2020|2020-08-21|EPI_ISL_593036|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/GCVR-171D4E/2020|2020-03-29|EPI_ISL_524499|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/North Macedonia/2339/2020|2020-06-04|EPI_ISL_677677|Original|hCoV-19^^Shtip|Human|Clinical Hospital - Shtip|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/Kenya/C1751/2020|2020-04-22|EPI_ISL_457867|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/ALDP-B25F1C/2020|2020-11-04|EPI_ISL_646540|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3871/2020|2020-07-17|EPI_ISL_548570|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NORW-ED9C2/2020|2020-00-00|EPI_ISL_490509|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-FLW00407558/2020|2020-12-02|EPI_ISL_767009|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM41214732/2020|2020-11-20|EPI_ISL_753393|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-9D93E0/2020|2020-09-18|EPI_ISL_576724|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC3061/2020|2020-07-07|EPI_ISL_520768|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Norway/6691/2020|2020-11-24|EPI_ISL_775511|Original|hCoV-19^^Oslo|Human|Norwegian Institute of Public Health|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/ALDP-91F700/2020|2020-06-23|EPI_ISL_553316|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-113C32/2020|2020-09-29|EPI_ISL_573469|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DA9D/2020|2020-12-08|EPI_ISL_742869|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00640/2020|2020-09-21|EPI_ISL_682029|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/ALDP-C06A1F/2020|2020-12-05|EPI_ISL_709351|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C44A9/2020|2020-09-10|EPI_ISL_581376|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6174/2020|2020-07-22|EPI_ISL_518179|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Korea/KCDC2046/2020|2020-02-21|EPI_ISL_471452|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Ireland/D-NVRL-78IRL75840/2020|2020-11-23|EPI_ISL_752577|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Gibraltar/204421242/2020|2020-10-27|EPI_ISL_613701|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/mink/Netherlands/NB01_02KS/2020|2020-04-29|EPI_ISL_447624|Original|hCoV-19^^Netherlands|Mustela lutreola|Virology|Virology|Oreshkova|Netherlands

>Spike|hCoV-19/England/ALDP-B1F65C/2020|2020-11-01|EPI_ISL_645842|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-UW-24378/2020|2020-08-13|EPI_ISL_570584|Original|hCoV-19^^Oregon|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Canada/QC_AS5/2020|2020-04-05|EPI_ISL_476513|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Spain/MD-IBV-99008738/2020|2020-10-16|EPI_ISL_654305|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORW-E888E/2020|2020-04-12|EPI_ISL_448242|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01789/2020|2020-07-00|EPI_ISL_636939|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-11959/2020|2020-09-14|EPI_ISL_671232|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9F07F/2020|2020-04-14|EPI_ISL_453424|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LEED-2A98B4/2020|2020-04-08|EPI_ISL_538909|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20134/2020|2020-11-14|EPI_ISL_723305|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/WI-UW-1420/2020|2020-09-11|EPI_ISL_541553|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison Campus AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/MI-MDHHS-SC22705/2020|2020-12-09|EPI_ISL_767354|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/Scotland/QEUH-A9B361/2020|2020-10-20|EPI_ISL_625392|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-ACC19A/2020|2020-10-21|EPI_ISL_629112|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B973A0/2020|2020-11-14|EPI_ISL_675090|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MN-MDH-2094/2020|2020-10-23|EPI_ISL_683723|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/England/CAMC-C7716F/2020|2020-12-16|EPI_ISL_769038|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Ireland/D-NVRL-72IRL19319/2020|2020-09-04|EPI_ISL_578210|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/United Arab Emirates/0259/2020|2020-05-17|EPI_ISL_698440|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/England/GSTT-265D703/2020|2020-03-24|EPI_ISL_484002|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
>Spike|hCoV-19/Japan/IC-0159/2020|2020-09-00|EPI_ISL_667588|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/USA/TX-HMH-MCoV-13741/2020|2020-08-17|EPI_ISL_788834|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Scotland/CVR4176/2020|2020-08-31|EPI_ISL_540853|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/MD-HP12006/2020|2020-11-30|EPI_ISL_791351|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA
>Spike|hCoV-19/Denmark/DCGC-8762/2020|2020-10-26|EPI_ISL_626071|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/UT-UPHL-2012096473/2020|2020-10-26|EPI_ISL_745494|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/CAMB-7381F/2020|2020-04-01|EPI_ISL_425244|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/England/CAMC-B080FE/2020|2020-10-29|EPI_ISL_643403|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-00023/2020|2020-03-24|EPI_ISL_460149|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA
>Spike|hCoV-19/Japan/PG-1052/2020|2020-04-00|EPI_ISL_684662|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/QEUH-9AD29D/2020|2020-09-05|EPI_ISL_560023|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-190-4089/2020|2020-03-22|EPI_ISL_574829|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/England/MILK-B8EC38/2020|2020-11-13|EPI_ISL_674529|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7045/2020|2020-10-12|EPI_ISL_619893|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21488/2020|2020-07-25|EPI_ISL_516215|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Israel/CVL-n3380/2020|2020-03-09|EPI_ISL_649075|Original|hCoV-19^^Haifa|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Japan/PG-3043/2020|2020-04-00|EPI_ISL_691166|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-12040D/2020|2020-12-08|EPI_ISL_725613|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000163/2020|2020-04-09|EPI_ISL_631699|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/MILK-B02BE4/2020|2020-10-24|EPI_ISL_647840|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-109130/2020|2020-10-20|EPI_ISL_652316|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/NV-QDX-2627/2020|2020-03-15|EPI_ISL_604950|Original|hCoV-19^^Nevada|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-AB7F3E/2020|2020-10-21|EPI_ISL_623564|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2563/2020|2020-00-00|EPI_ISL_548126|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-B33DB7/2020|2020-11-05|EPI_ISL_659264|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-993528/2020|2020-08-26|EPI_ISL_552119|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC_NHRC_01/2020|2020-03-27|EPI_ISL_444995|Original|hCoV-19^^South Carolina|Human|Naval Health Research Center|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/England/ALDP-9D8E4A/2020|2020-09-18|EPI_ISL_576677|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4515413/2020|2020-11-18|EPI_ISL_740484|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/BIRM-648A8/2020|2020-09-17|EPI_ISL_594521|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00227830/2020|2020-03-19|EPI_ISL_535868|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/CAMB-1BAA33/2020|2020-11-12|EPI_ISL_664280|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Sweden/20-50664/2020|2020-04-06|EPI_ISL_475153|Original|hCoV-19^^Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/CA-CZB-12960/2020|2020-07-21|EPI_ISL_672377|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NOTT-121017/2020|2020-12-14|EPI_ISL_741623|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-9F3A18/2020|2020-09-24|EPI_ISL_588518|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-4F500A/2020|2020-06-24|EPI_ISL_559270|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-17999/2020|2020-11-16|EPI_ISL_786147|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2E1BE/2020|2020-04-07|EPI_ISL_446068|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Germany/TH-IIMK-CaSe-32/2020|2020-11-16|EPI_ISL_768727|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/Wales/PHWC-4A4608/2020|2020-12-16|EPI_ISL_764714|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9A96FF/2020|2020-08-31|EPI_ISL_551252|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E5721/2020|2020-09-24|EPI_ISL_589341|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/APU-PODV-15921572/2020|2020-08-15|EPI_ISL_788972|Original|hCoV-19^^Apulia|Human|Ospedale \Di Venere\|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/England/QEUA-B419C1/2020|2020-11-08|EPI_ISL_658626|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-1503/2020|2020-09-16|EPI_ISL_541546|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-B8EFB7/2020|2020-11-13|EPI_ISL_675236|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5592/2020|2020-08-00|EPI_ISL_688717|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-NIV-QC-1844/2020|2020-09-15|EPI_ISL_577730|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/LIVE-A18FA/2020|2020-06-08|EPI_ISL_490344|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0495/2020|2020-04-24|EPI_ISL_626432|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Wales/CAMC-AEAF14/2020|2020-10-26|EPI_ISL_647906|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2367/2020|2020-03-25|EPI_ISL_776454|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/MA-MGH-03141/2020|2020-09-05|EPI_ISL_765715|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Italy/VEN-IZSve-20RS2160-34/2020|2020-11-30|EPI_ISL_747483|Original|hCoV-19^^Veneto|Human|Ospedale San Bonifacio|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/ALDP-C39FC9/2020|2020-12-09|EPI_ISL_730906|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8805109/2020|2020-12-01|EPI_ISL_770946|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-9EA917/2020|2020-09-24|EPI_ISL_580082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E622/2020|2020-11-13|EPI_ISL_680887|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22559/2020|2020-12-14|EPI_ISL_757397|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15912/2020|2020-11-23|EPI_ISL_714462|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-C2C970/2020|2020-12-08|EPI_ISL_733856|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5332/2020|2020-05-04|EPI_ISL_700582|Original|hCoV-19^^Western Cape|Human|Dr Abdurahman CDC wc DAC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/France/PAC-IHU-1377/2020|2020-08-08|EPI_ISL_569146|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0152Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-HMH-7220/2020|2020-06-29|EPI_ISL_546609|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/SAP127/2020|2020-03-22|EPI_ISL_451136|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Wales/PHWC-4801F2/2020|2020-10-22|EPI_ISL_611819|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-21002/2020|2020-12-19|EPI_ISL_791019|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC22513/2020|2020-11-18|EPI_ISL_708216|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Wales/PHWC-3598F/2020|2020-04-24|EPI_ISL_474504|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-811AA/2020|2020-04-20|EPI_ISL_438577|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00218268/2020|2020-03-14|EPI_ISL_535772|Original|hCoV-19^^Quebec|Human|CHUL-LABO MULTI / MICRO|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/PA-MGEL-00220/2020|2020-04-08|EPI_ISL_681968|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-240020/2020|2020-08-10|EPI_ISL_523871|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-A5073F/2020|2020-10-07|EPI_ISL_597784|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11620/2020|2020-11-02|EPI_ISL_671029|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A66CE/2020|2020-03-19|EPI_ISL_499731|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC12998/2020|2020-08-03|EPI_ISL_591679|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-4270/2020|2020-09-07|EPI_ISL_615707|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/WA294/2020|2020-04-04|EPI_ISL_596837|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/CAMB-83E1A/2020|2020-04-26|EPI_ISL_438697|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15894/2020|2020-11-23|EPI_ISL_714089|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-108966/2020|2020-09-10|EPI_ISL_585221|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/ALDP-A67BEE/2020|2020-10-10|EPI_ISL_625431|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-951B9D/2020|2020-06-10|EPI_ISL_551301|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1113/2020|2020-09-02|EPI_ISL_593728|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CWAR-24FDAE0/2020|2020-05-03|EPI_ISL_584478|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/England/MILK-BDC697/2020|2020-11-27|EPI_ISL_709712|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25DA4/2020|2020-03-25|EPI_ISL_422310|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7159/2020|2020-06-29|EPI_ISL_546554|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B7E345/2020|2020-11-14|EPI_ISL_727858|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012876311/2020|2020-08-03|EPI_ISL_745761|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-1136/2020|2020-04-23|EPI_ISL_542545|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG366702/2020|2020-06-01|EPI_ISL_694466|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/France/ARA-SC075/2020|2020-04-21|EPI_ISL_629107|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/GCVR-1730DA/2020|2020-04-04|EPI_ISL_524562|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13560F/2020|2020-04-12|EPI_ISL_457076|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C90A/2020|2020-11-19|EPI_ISL_742620|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4258/2020|2020-07-13|EPI_ISL_519586|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B34141/2020|2020-11-05|EPI_ISL_659429|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1067/2020|2020-04-00|EPI_ISL_684677|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BS-UHB-42189862/2020|2020-03-13|EPI_ISL_528054|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/CAMC-B22FA6/2020|2020-11-02|EPI_ISL_647407|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35ECC/2020|2020-04-28|EPI_ISL_474586|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2776/2020|2020-07-01|EPI_ISL_521610|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CO-CDPHE-2009184258/2020|2020-09-16|EPI_ISL_710347|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/UT-UPHL-201232529/2020|2020-04-06|EPI_ISL_678530|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-B2400B/2020|2020-11-04|EPI_ISL_646261|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2945C4/2020|2020-08-03|EPI_ISL_573348|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/204281018/2020|2020-10-15|EPI_ISL_613598|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR3979/2020|2020-08-27|EPI_ISL_540776|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9C8E98/2020|2020-09-14|EPI_ISL_576005|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10498/2020|2020-11-02|EPI_ISL_670017|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3690/2020|2020-09-07|EPI_ISL_615465|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9AA139/2020|2020-09-01|EPI_ISL_550988|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20146008504/2020|2020-03-31|EPI_ISL_423576|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1386/2020|2020-04-06|EPI_ISL_618805|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B0E368/2020|2020-11-02|EPI_ISL_642190|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9BEC/2020|2020-11-21|EPI_ISL_702502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AD0F6/2020|2020-00-00|EPI_ISL_448563|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-2044/2020|2020-04-00|EPI_ISL_685649|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/KE-NVRL-73IRL13512/2020|2020-09-16|EPI_ISL_578287|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Iceland/322/2020|2020-03-18|EPI_ISL_417651|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-AC5DCA/2020|2020-10-14|EPI_ISL_631056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8DE41/2020|2020-12-15|EPI_ISL_777584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-2539/2020|2020-06-24|EPI_ISL_635542|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u00f3stico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/CA-CZB-13848/2020|2020-08-11|EPI_ISL_738848|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-2841/2020|2020-08-24|EPI_ISL_616668|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-29E5BB/2020|2020-05-02|EPI_ISL_493520|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl331/2020|2020-03-24|EPI_ISL_775788|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Netherlands/GE-EMC-379/2020|2020-10-11|EPI_ISL_722498|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/AZ-TG273310/2020|2020-04-01|EPI_ISL_426566|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|Lemmer|USA

>Spike|hCoV-19/Finland/11CD9/2020|2020-10-31|EPI_ISL_732569|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-953506/2020|2020-06-08|EPI_ISL_553865|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20144008004/2020|2020-03-31|EPI_ISL_423498|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009053319/2020|2020-09-04|EPI_ISL_710149|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/WA-S2655/2020|2020-06-21|EPI_ISL_497287|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/South Korea/IHC719/2020|2020-02-23|EPI_ISL_540997|Vero|hCoV-19^^Gwangju|Human|Health and Environmental Research Institute of Gwangju Metropolitan city|Health and Environmental Research Institute of Gwangju Metropolitan city|Kim|South Korea

>Spike|hCoV-19/Japan/PG-7065/2020|2020-08-00|EPI_ISL_688170|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A4E6A/2020|2020-12-09|EPI_ISL_764796|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20762/2020|2020-12-09|EPI_ISL_790823|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-14348/2020|2020-11-30|EPI_ISL_711710|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC16113/2020|2020-08-06|EPI_ISL_640497|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-9B557B/2020|2020-09-03|EPI_ISL_590449|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0CC05/2020|2020-10-30|EPI_ISL_643627|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B83F76/2020|2020-11-14|EPI_ISL_674208|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A705E4/2020|2020-10-15|EPI_ISL_607979|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99CF03/2020|2020-08-30|EPI_ISL_549909|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C543EA/2020|2020-12-12|EPI_ISL_757048|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2168/2020|2020-08-10|EPI_ISL_617467|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BS-UHB-42195727/2020|2020-03-17|EPI_ISL_528185|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MI-UM-2006S000870/2020|2020-03-31|EPI_ISL_484723|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/WA-S430/2020|2020-03-25|EPI_ISL_434190|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Israel/CVL-124-ngs/2020|2020-12-27|EPI_ISL_776839|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/South Korea/KDCA0167/2020|2020-11-19|EPI_ISL_747401|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/TX-HMH-5261/2020|2020-06-23|EPI_ISL_544634|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-15200/2020|2020-11-23|EPI_ISL_739310|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/France/NAQ-SC278/2020|2020-03-31|EPI_ISL_645182|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Germany/HH-hpi-p2032/2020|2020-03-21|EPI_ISL_775666|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Ukraine/203100318/2020|2020-06-23|EPI_ISL_512598|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/Australia/VIC876/2020|2020-04-05|EPI_ISL_427131|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Canada/ON-OICR-SLB2797/2020|2020-03-28|EPI_ISL_538329|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Australia/VIC5645/2020|2020-07-16|EPI_ISL_518456|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-29AB80/2020|2020-05-21|EPI_ISL_492472|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12325/2020|2020-11-16|EPI_ISL_682506|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/SC-DHEC-0156/2020|2020-05-04|EPI_ISL_529184|Original|hCoV-19^^South Carolina|Human|South Carolina Department of Health and Environmental Control|South Carolina Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/Japan/IC-0509/2020|2020-12-00|EPI_ISL_768718|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B050E2/2020|2020-10-24|EPI_ISL_637540|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18030/2020|2020-11-16|EPI_ISL_786178|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6179/2020|2020-08-00|EPI_ISL_689291|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S1740/2020|2020-06-02|EPI_ISL_496166|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-3225/2020|2020-04-00|EPI_ISL_691342|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19750/2020|2020-11-20|EPI_ISL_784094|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DC0A4D/2020|2020-11-04|EPI_ISL_705348|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20192020301/2020|2020-05-04|EPI_ISL_465598|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-190027/2020|2020-07-06|EPI_ISL_500891|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-C2F6FE/2020|2020-12-07|EPI_ISL_782978|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D522/2020|2020-05-07|EPI_ISL_472733|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20732/2020|2020-12-21|EPI_ISL_759331|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12BE40/2020|2020-05-08|EPI_ISL_469450|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9010/2020|2020-07-02|EPI_ISL_780894|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2721/2020|2020-07-04|EPI_ISL_521558|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1235/2020|2020-08-17|EPI_ISL_536608|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-A91A1B/2020|2020-10-19|EPI_ISL_706003|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A85124/2020|2020-10-17|EPI_ISL_610460|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20IRL77557/2020|2020-11-05|EPI_ISL_732399|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-908/2020|2020-05-04|EPI_ISL_614471|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Guatemala/CDC-1233/2020|2020-03-18|EPI_ISL_509700|Original|hCoV-19^^Guatemala|Human|Guatemala Ministry of Public Health|Pathogen Discovery|Queen|Guatemala

>Spike|hCoV-19/England/OXON-AD357/2020|2020-00-00|EPI_ISL_448576|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03695/2020|2020-11-00|EPI_ISL_775178|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/LOND-1264DFF/2020|2020-11-22|EPI_ISL_724570|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-8054/2020|2020-08-00|EPI_ISL_687155|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUH-96A1BD/2020|2020-08-13|EPI_ISL_534404|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-51D4E1/2020|2020-06-02|EPI_ISL_559054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5623/2020|2020-11-01|EPI_ISL_651873|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-853/2020|2020-05-04|EPI_ISL_614791|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-HLP-R64/2020|2020-03-17|EPI_ISL_530110|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Netherlands/ZH-EMC-1225/2020|2020-12-23|EPI_ISL_763294|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-C447D2/2020|2020-12-10|EPI_ISL_719529|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VI-CDC-3638/2020|2020-03-19|EPI_ISL_464167|Original|hCoV-19^^Virgin Islands|Human|VI-US Virgin Islands Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-745E77/2020|2020-06-29|EPI_ISL_557433|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F1E4/2020|2020-10-15|EPI_ISL_607168|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42210967/2020|2020-03-28|EPI_ISL_581810|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/WA-S828/2020|2020-04-16|EPI_ISL_449998|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Japan/PG-1397/2020|2020-04-00|EPI_ISL_685004|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B625F3/2020|2020-11-08|EPI_ISL_656385|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C143C/2020|2020-06-29|EPI_ISL_493668|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A63E1/2020|2020-12-17|EPI_ISL_765034|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13E545/2020|2020-00-00|EPI_ISL_724328|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7FA0/2020|2020-10-13|EPI_ISL_638380|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/EDB2744/2020|2020-03-27|EPI_ISL_487788|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9D4D6F/2020|2020-09-19|EPI_ISL_601670|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5364/2020|2020-09-14|EPI_ISL_615295|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11658/2020|2020-07-23|EPI_ISL_563449|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Hong Kong/HKPU49-3001/2020|2020-02-11|EPI_ISL_419223|Original|hCoV-19^^Hong Kong|Human|Department of Pathology|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/USA/MI-QDX-721/2020|2020-03-22|EPI_ISL_571454|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-DB3BB3/2020|2020-10-20|EPI_ISL_652074|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/IC-0275/2020|2020-11-00|EPI_ISL_667704|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-001125/2020|2020-10-22|EPI_ISL_671708|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/United Arab Emirates/0959/2020|2020-06-28|EPI_ISL_699095|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUH-960B31/2020|2020-08-02|EPI_ISL_532112|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49255B/2020|2020-11-18|EPI_ISL_704001|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-816/2020|2020-03-23|EPI_ISL_571507|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-9452D3/2020|2020-07-14|EPI_ISL_556933|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-49-1/2020|2020-09-05|EPI_ISL_577815|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-9F3D97/2020|2020-09-24|EPI_ISL_588532|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-11/2020|2020-03-20|EPI_ISL_419675|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/CAMB-1B8F54/2020|2020-11-02|EPI_ISL_651692|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6105/2020|2020-10-05|EPI_ISL_620300|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9B896D/2020|2020-09-07|EPI_ISL_568230|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9731FD/2020|2020-08-20|EPI_ISL_575944|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15676/2020|2020-07-09|EPI_ISL_785360|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BE9239/2020|2020-12-03|EPI_ISL_708965|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13212/2020|2020-11-30|EPI_ISL_712655|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-2006S000889/2020|2020-03-27|EPI_ISL_484736|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MD-MDH-0205/2020|2020-09-14|EPI_ISL_560818|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/204590491/2020|2020-11-06|EPI_ISL_683512|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10053/2020|2020-11-09|EPI_ISL_669363|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-11046/2020|2020-12-01|EPI_ISL_722931|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Singapore/1386/2020|2020-07-21|EPI_ISL_648740|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-15251/2020|2020-10-20|EPI_ISL_786735|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NE-11511/2020|2020-05-05|EPI_ISL_475224|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Canada/ON-PHL-2653/2020|2020-03-00|EPI_ISL_418371|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/England/QEUA-9FF1CC/2020|2020-10-02|EPI_ISL_600227|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-MVZ-LS-50/2020|2020-04-29|EPI_ISL_640267|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/England/MILK-99CB96/2020|2020-08-30|EPI_ISL_549869|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD726/2020|2020-10-01|EPI_ISL_587976|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20996/2020|2020-12-22|EPI_ISL_791015|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-48D1AA/2020|2020-11-10|EPI_ISL_666590|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-120919/2020|2020-12-16|EPI_ISL_779788|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/UT-UPHL-201117228/2020|2020-04-29|EPI_ISL_634922|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/Donner35/2020|2020-04-03|EPI_ISL_469293|Original|hCoV-19^^Kanto|Human|Keio University Hospital|Keio University Hospital|Kosaki|Japan

>Spike|hCoV-19/Germany/NW-HHU-482/2020|2020-12-04|EPI_ISL_770716|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcrkesseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/QEUA-BA31B6/2020|2020-11-18|EPI_ISL_672790|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-E0983-1/2020|2020-04-08|EPI_ISL_527483|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/WA-UW218/2020|2020-03-13|EPI_ISL_417367|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/South Africa/KRISP-K000566/2020|2020-07-13|EPI_ISL_509223|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Mexico/BCN-ALSR-2570/2020|2020-07-08|EPI_ISL_635571|Original|hCoV-19^^Baja California|Human|Centro de Diagn\u221a\u2265tico COVID-19 UABC Tijuana|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Japan/PG-6685/2020|2020-07-00|EPI_ISL_687796|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204381433/2020|2020-10-22|EPI_ISL_637125|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABA80/2020|2020-04-20|EPI_ISL_470341|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-95F977/2020|2020-08-06|EPI_ISL_532387|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/DP0196/2020|2020-02-15|EPI_ISL_416583|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BIRM-657F5/2020|2020-10-02|EPI_ISL_594585|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/BRIS-130C20/2020|2020-03-23|EPI_ISL_492512|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3181/2020|2020-08-31|EPI_ISL_616003|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E9B8B/2020|2020-09-24|EPI_ISL_580160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14084/2020|2020-06-23|EPI_ISL_739495|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/NORT-295EAA/2020|2020-03-31|EPI_ISL_478666|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-9CF24A/2020|2020-09-15|EPI_ISL_590091|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA344/2020|2020-09-24|EPI_ISL_596886|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Spain/PV-IBV-000940/2020|2020-03-28|EPI_ISL_452632|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/South Africa/Tygerberg_30/2020|2020-03-29|EPI_ISL_464141|Original|hCoV-19^^Western Cape|Human|National Health Laboratory Service (NHLS)|Division of Medical Virology|Engelbrecht|South Africa

>Spike|hCoV-19/Denmark/DCGC-12605/2020|2020-11-16|EPI_ISL_682786|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-IGI-0345/2020|2020-07-10|EPI_ISL_576533|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/ALDP-94F628/2020|2020-06-18|EPI_ISL_555916|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1415/2020|2020-04-00|EPI_ISL_685022|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B7D66B/2020|2020-11-14|EPI_ISL_674530|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F326/2020|2020-10-05|EPI_ISL_587021|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-995/2020|2020-03-14|EPI_ISL_571792|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-A6C1D8/2020|2020-10-10|EPI_ISL_608894|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB651C/2020|2020-11-06|EPI_ISL_652101|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-A4D489/2020|2020-10-05|EPI_ISL_628601|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Tunisia/5008/2020|2020-03-24|EPI_ISL_699656|Original|hCoV-19^^Tunis|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/England/QEUA-76DA93/2020|2020-07-17|EPI_ISL_533188|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1279/2020|2020-08-14|EPI_ISL_572294|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-5D4C84/2020|2020-06-18|EPI_ISL_558425|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5655/2020|2020-07-17|EPI_ISL_518465|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-18779/2020|2020-12-07|EPI_ISL_748551|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9B8860/2020|2020-09-08|EPI_ISL_549688|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3DCBF/2020|2020-12-10|EPI_ISL_731604|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9D0D72/2020|2020-09-15|EPI_ISL_589947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-400/2020|2020-10-25|EPI_ISL_722545|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYCPHL-001321/2020|2020-11-10|EPI_ISL_683966|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/204080876/2020|2020-10-01|EPI_ISL_609828|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Thailand/74/2020|2020-01-13|EPI_ISL_403963|Original|hCoV-19^^Nonthaburi|Human|Bamrasnaradura Hospital|1. Department of Medical Sciences|Okada|Thailand

>Spike|hCoV-19/USA/AZ-TG569498/2020|2020-07-10|EPI_ISL_695585|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/LEED-2A98D2/2020|2020-04-09|EPI_ISL_538910|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health

England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-2367/2020|2020-11-16|EPI_ISL_728133|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Wales/PHWC-26417/2020|2020-03-27|EPI_ISL_422112|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-3544/2020|2020-06-19|EPI_ISL_636077|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/France/OCC-164/2020|2020-10-29|EPI_ISL_751483|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France
>Spike|hCoV-19/USA/WI-WSLH-200048/2020|2020-03-22|EPI_ISL_471213|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/England/QEUEH-9F5560/2020|2020-09-24|EPI_ISL_588649|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Austria/CeMM0990/2020|2020-04-11|EPI_ISL_583834|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/England/ALDP-CEC253/2020|2020-12-21|EPI_ISL_782207|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Canada/ON-S120/2020|2020-03-22|EPI_ISL_586293|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada
>Spike|hCoV-19/USA/TX-HMH-906/2020|2020-04-09|EPI_ISL_545909|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Australia/VIC8758/2020|2020-07-28|EPI_ISL_565179|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Wales/PHWC-4982B8/2020|2020-12-01|EPI_ISL_727050|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/QEUEH-79285F/2020|2020-07-15|EPI_ISL_533135|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Italy/APU-UniMI-809/2020|2020-03-19|EPI_ISL_469020|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics)|Chiara|Italy
>Spike|hCoV-19/Wales/PHWC-48B36A/2020|2020-10-28|EPI_ISL_666226|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/AK-PHL414/2020|2020-06-03|EPI_ISL_522398|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA
>Spike|hCoV-19/England/ALDP-B62FB9/2020|2020-11-08|EPI_ISL_655618|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/reg-0417523/2020|2020-04-17|EPI_ISL_734614|Original|hCoV-19^^Herent|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/Denmark/DCGC-3786/2020|2020-08-31|EPI_ISL_622689|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Israel/ISR_IT0320/2020|2020-03-01|EPI_ISL_419210|Vero|hCoV-19^^Ramat Gan|Human|The Chaim Sheba Medical Center|Israel Institute for Biological Research|Zvi|Israel

>Spike|hCoV-19/Japan/PG-3836/2020|2020-07-00|EPI_ISL_692087|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/BB-ChVir-W1076-4385/2020|2020-04-04|EPI_ISL_753774|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Wales/PHWC-16BCD1/2020|2020-09-15|EPI_ISL_573964|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C8B414/2020|2020-12-16|EPI_ISL_756439|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1117/2020|2020-09-15|EPI_ISL_593731|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/201290386/2020|2020-03-21|EPI_ISL_465802|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10761/2020|2020-10-06|EPI_ISL_641603|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Canada/ON-S1975/2020|2020-11-24|EPI_ISL_755689|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/India/OR-ILSCV12744/2020|2020-05-09|EPI_ISL_463015|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/NORT-284E08/2020|2020-03-26|EPI_ISL_488538|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5711030/2020|2020-04-21|EPI_ISL_445072|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/SHEF-CC1B2/2020|2020-09-07|EPI_ISL_559930|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48CD98/2020|2020-11-07|EPI_ISL_666538|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2095/2020|2020-05-23|EPI_ISL_545118|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-8D64D2/2020|2020-06-24|EPI_ISL_557105|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20781/2020|2020-11-27|EPI_ISL_729691|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/CAMC-AB02E1/2020|2020-10-22|EPI_ISL_623330|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Senegal/57476/2020|2020-06-06|EPI_ISL_476149|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/USA/MN-QDX-257/2020|2020-04-30|EPI_ISL_498729|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/VIC10221/2020|2020-08-26|EPI_ISL_562829|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/MILK-9C3149/2020|2020-09-09|EPI_ISL_566838|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4874A7/2020|2020-10-27|EPI_ISL_638053|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW231/2020|2020-03-27|EPI_ISL_451497|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-49445C/2020|2020-11-19|EPI_ISL_726117|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9642A1/2020|2020-08-11|EPI_ISL_536934|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9B5D19/2020|2020-08-28|EPI_ISL_572965|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001499/2020|2020-11-30|EPI_ISL_745425|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC8368/2020|2020-08-12|EPI_ISL_564969|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NB-RIVM-20575/2020|2020-12-13|EPI_ISL_790659|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/WA-UW-12685/2020|2020-06-29|EPI_ISL_570889|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-UM-10033852420/2020|2020-04-04|EPI_ISL_578141|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/India/TG-CCMB-AA42/2020|2020-08-10|EPI_ISL_539758|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Denmark/DCGC-14142/2020|2020-11-30|EPI_ISL_711080|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/HDF-8255/2020|2020-04-03|EPI_ISL_560597|Original|hCoV-19^^Hauts-de-France|Human|hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/MILK-A7DF61/2020|2020-10-12|EPI_ISL_637867|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42201769/2020|2020-03-21|EPI_ISL_528310|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/PHWC-498713/2020|2020-11-25|EPI_ISL_727116|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-390388/2020|2020-12-01|EPI_ISL_721901|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-9E6C9/2020|2020-04-11|EPI_ISL_453323|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20688/2020|2020-12-21|EPI_ISL_759302|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9DEF32/2020|2020-09-21|EPI_ISL_584833|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2007/2020|2020-06-22|EPI_ISL_618174|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9CBB43/2020|2020-09-16|EPI_ISL_575678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1051/2020|2020-05-07|EPI_ISL_517941|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BRIS-129862/2020|2020-04-01|EPI_ISL_458302|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FCF6B/2020|2020-10-01|EPI_ISL_587830|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4788/2020|2020-07-18|EPI_ISL_519174|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-7B078B/2020|2020-07-19|EPI_ISL_532876|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB256D/2020|2020-11-18|EPI_ISL_720104|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F4A62/2020|2020-09-27|EPI_ISL_600711|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20739/2020|2020-12-23|EPI_ISL_790805|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-15CFE9/2020|2020-05-06|EPI_ISL_472653|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG276158/2020|2020-04-10|EPI_ISL_694094|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-300312/2020|2020-09-25|EPI_ISL_603344|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-A0B8D6/2020|2020-10-03|EPI_ISL_599214|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-113BBD/2020|2020-09-27|EPI_ISL_573465|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/UT-08718/2020|2020-05-21|EPI_ISL_524775|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Oman/RESP-20-B-6588/2020|2020-06-05|EPI_ISL_525429|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICs Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/England/CAMC-BD18AB/2020|2020-11-27|EPI_ISL_702172|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDM0175v1/2020|2020-10-21|EPI_ISL_768783|Original|hCoV-19^^Dublin|Human|AIID|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Spain/VC-FISABIO-212/2020|2020-03-28|EPI_ISL_436307|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/CA-CZB-12852/2020|2020-10-20|EPI_ISL_648493|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Zhejiang/OS1/2020|2020-03-24|EPI_ISL_455688|unknown|hCoV-19^^Zhejiang|Human|unknown|Department of Microbiology|Submitter|China

>Spike|hCoV-19/Canada/QC-LSPQ-L00230882/2020|2020-03-21|EPI_ISL_535937|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Centre-de-la-Mauricie|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/CAMC-A3F305/2020|2020-10-05|EPI_ISL_609732|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC1905/2020|2020-11-20|EPI_ISL_704537|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-9D4E6C/2020|2020-09-19|EPI_ISL_601710|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1017/2020|2020-03-25|EPI_ISL_593662|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18610/2020|2020-11-19|EPI_ISL_784958|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SO-ETHZ-331068/2020|2020-10-20|EPI_ISL_614943|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S953/2020|2020-04-27|EPI_ISL_463443|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/WA-UW187/2020|2020-03-13|EPI_ISL_416725|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH235/2020|2020-04-06|EPI_ISL_678140|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/MILK-B04F13/2020|2020-10-24|EPI_ISL_651044|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/201090022/2020|2020-03-03|EPI_ISL_464502|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-96F82C/2020|2020-08-17|EPI_ISL_540306|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2486/2020|2020-04-15|EPI_ISL_493807|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE6BB/2020|2020-09-09|EPI_ISL_568161|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18320/2020|2020-11-17|EPI_ISL_784668|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9C404B/2020|2020-09-09|EPI_ISL_566954|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A2D5/2020|2020-11-01|EPI_ISL_645871|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000211/2020|2020-04-20|EPI_ISL_631744|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-B668D8/2020|2020-11-11|EPI_ISL_662445|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-6215S/2020|2020-05-10|EPI_ISL_569738|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/UT-UPHL-2012505195/2020|2020-10-27|EPI_ISL_746241|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/BC-BCCDC-6404/2020|2020-10-00|EPI_ISL_740559|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Bosnia and Herzegovina/03_Tuzla/2020|2020-05-25|EPI_ISL_463893|Original|hCoV-19^^Tuzla|Human|University Clinical Center Tuzla|Alea Geneti\u010dki Centar|Konjodolic|Bosnia and Herzegovina

>Spike|hCoV-19/USA/MI-MDHHS-SC21759/2020|2020-08-05|EPI_ISL_529877|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Austria/CeMM0047/2020|2020-03-25|EPI_ISL_437933|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Finland/5LS18C7/2020|2020-10-05|EPI_ISL_756050|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-9A8344/2020|2020-08-19|EPI_ISL_550128|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201000003/2020|2020-03-01|EPI_ISL_414013|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2570/2020|2020-06-02|EPI_ISL_545394|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR4491/2020|2020-09-21|EPI_ISL_585354|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0009/2020|2020-03-14|EPI_ISL_515298|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Denmark/DCGC-4992/2020|2020-09-14|EPI_ISL_622758|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9FA6A4/2020|2020-09-29|EPI_ISL_588086|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6123/2020|2020-08-00|EPI_ISL_689235|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUEH-9F3D79/2020|2020-09-27|EPI_ISL_600821|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-817A4C/2020|2020-07-16|EPI_ISL_557334|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48FCF2/2020|2020-11-11|EPI_ISL_681217|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2777/2020|2020-03-29|EPI_ISL_486033|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-4487/2020|2020-09-07|EPI_ISL_615672|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3A344/2020|2020-12-09|EPI_ISL_731076|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49020B/2020|2020-11-18|EPI_ISL_706459|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/180/2020|2020-03-21|EPI_ISL_462298|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Luxembourg/LNS5857830/2020|2020-11-18|EPI_ISL_744310|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-492CA1/2020|2020-11-27|EPI_ISL_725773|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204781353/2020|2020-00-00|EPI_ISL_649115|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7185/2020|2020-07-00|EPI_ISL_688289|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-99CD27/2020|2020-08-30|EPI_ISL_549910|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F3377/2020|2020-09-24|EPI_ISL_588663|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LOM-INMI-8058/2020|2020-02-25|EPI_ISL_460094|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/USA/UT-UPHL-201131364/2020|2020-05-12|EPI_ISL_628999|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-C9946E/2020|2020-12-17|EPI_ISL_762097|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003702/2020|2020-04-02|EPI_ISL_467235|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-CAD6E9/2020|2020-12-20|EPI_ISL_761094|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98010640/2020|2020-10-06|EPI_ISL_722264|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LOND-D3B05/2020|2020-04-04|EPI_ISL_449626|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19938/2020|2020-12-07|EPI_ISL_747616|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/LU-ETHZ-110027/2020|2020-04-01|EPI_ISL_486465|Original|hCoV-19^^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B1FA05/2020|2020-11-02|EPI_ISL_646125|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-3561/2020|2020-10-21|EPI_ISL_667506|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Hong Kong/VM20030491/2020|2020-07-06|EPI_ISL_510086|Original|hCoV-19^^Hong Kong|Human|Kwong Wah Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/ALDP-A93615/2020|2020-10-20|EPI_ISL_611235|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15333/2020|2020-10-26|EPI_ISL_739402|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/New Zealand/20CV0211/2020|2020-08-29|EPI_ISL_548115|Original|hCoV-19^^Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-986731/2020|2020-08-05|EPI_ISL_529576|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/India/PB-IMT-L178/2020|2020-05-30|EPI_ISL_539487|Original|hCoV-19^^Punjab|Human|Civil Hospital|CSIR-Institute of Microbial Technology|Patil|India

>Spike|hCoV-19/England/ALDP-BCABBB/2020|2020-11-23|EPI_ISL_703342|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1102/2020|2020-05-04|EPI_ISL_463592|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Austria/CeMM0220/2020|2020-03-16|EPI_ISL_438054|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-22333/2020|2020-12-14|EPI_ISL_758684|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1524/2020|2020-03-12|EPI_ISL_776024|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/VIC3224/2020|2020-07-01|EPI_ISL_520907|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/NIRE-FC5F9/2020|2020-04-12|EPI_ISL_470036|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1893/2020|2020-11-24|EPI_ISL_729316|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-A87BD9/2020|2020-10-17|EPI_ISL_606285|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1040/2020|2020-03-17|EPI_ISL_571705|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WA-S1182/2020|2020-05-06|EPI_ISL_463672|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC5508/2020|2020-07-21|EPI_ISL_518344|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BB38BE/2020|2020-11-19|EPI_ISL_701819|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9953A4/2020|2020-08-24|EPI_ISL_552277|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B54846/2020|2020-11-08|EPI_ISL_658256|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-291AD7/2020|2020-04-24|EPI_ISL_453544|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20095145/2020|2020-10-12|EPI_ISL_766882|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Brazil/SE-L10-CD147/2020|2020-03-12|EPI_ISL_476176|Original|hCoV-19^^Sergipe|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Poland/19845/2020|2020-11-00|EPI_ISL_732922|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/England/OXON-B0BD1/2020|2020-04-17|EPI_ISL_478943|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49148C/2020|2020-11-19|EPI_ISL_706657|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-C3332D/2020|2020-12-11|EPI_ISL_734135|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2408/2020|2020-08-10|EPI_ISL_617590|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5573/2020|2020-06-26|EPI_ISL_544871|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-13221/2020|2020-11-30|EPI_ISL_712152|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LEED-2A9E94/2020|2020-03-24|EPI_ISL_538766|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20204114504/2020|2020-05-13|EPI_ISL_528392|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A6448/2020|2020-12-17|EPI_ISL_765038|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB11319/2020|2020-12-24|EPI_ISL_764364|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0789/2020|2020-06-26|EPI_ISL_538398|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/United Arab Emirates/0413/2020|2020-05-15|EPI_ISL_698588|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUA-AF48C1/2020|2020-10-30|EPI_ISL_663154|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001983/2020|2020-03-15|EPI_ISL_452403|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/LA-EVTL1335/2020|2020-12-11|EPI_ISL_779001|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/FL-BPHL-0461/2020|2020-03-24|EPI_ISL_495367|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BIRM-626A0/2020|2020-07-24|EPI_ISL_529430|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-8FF163/2020|2020-06-24|EPI_ISL_556997|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A652CD/2020|2020-10-11|EPI_ISL_637314|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21965/2020|2020-08-18|EPI_ISL_566016|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Russia/Chechenya-83801/2020|2020-03-26|EPI_ISL_428909|Vero|hCoV-19^^Chechen|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Singapore/885nan/2020|2020-05-05|EPI_ISL_648759|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/CT-Yale-484/2020|2020-09-18|EPI_ISL_729755|Original|hCoV-19^^Connecticut|Human|Connecticut Department of Health|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/MILK-A0661D/2020|2020-10-01|EPI_ISL_599834|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR08009/2020|2020-11-11|EPI_ISL_732436|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Switzerland/BE-ETHZ-210066/2020|2020-07-21|EPI_ISL_510798|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-48ACBB/2020|2020-10-29|EPI_ISL_666144|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2553/2020|2020-06-01|EPI_ISL_545381|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48C8A6/2020|2020-11-04|EPI_ISL_665511|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A92977/2020|2020-10-19|EPI_ISL_610978|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CE709/2020|2020-05-10|EPI_ISL_475465|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8150/2020|2020-10-26|EPI_ISL_617233|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-360/2020|2020-07-23|EPI_ISL_700009|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/QEUH-B7E390/2020|2020-11-14|EPI_ISL_676355|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-50931/2020|2020-04-20|EPI_ISL_475160|Original|hCoV-19^^Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Italy/APU-IZSPB_272PT/2020|2020-11-02|EPI_ISL_653767|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/United Arab Emirates/0360/2020|2020-05-16|EPI_ISL_698535|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-B79517/2020|2020-11-12|EPI_ISL_667812|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-1-9/2020|2020-04-28|EPI_ISL_523046|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/OXON-ADD3B/2020|2020-00-00|EPI_ISL_448632|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1670/2020|2020-04-02|EPI_ISL_494730|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20149003304/2020|2020-04-03|EPI_ISL_466092|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4090/2020|2020-09-14|EPI_ISL_622046|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B22F3D/2020|2020-11-03|EPI_ISL_647434|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5595/2020|2020-10-31|EPI_ISL_650764|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/KA-nimh-19669/2020|2020-05-16|EPI_ISL_515969|Original|hCoV-19^^Karnataka|Human|MIMS|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/England/QEUEH-B0E8C3/2020|2020-11-02|EPI_ISL_641926|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124F246/2020|2020-04-17|EPI_ISL_665147|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1188/2020|2020-04-23|EPI_ISL_542576|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C889BE/2020|2020-12-17|EPI_ISL_762789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12F0806/2020|2020-11-17|EPI_ISL_679580|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/WA-S1613/2020|2020-05-26|EPI_ISL_496039|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-300248/2020|2020-09-30|EPI_ISL_603280|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/ALAB-SSI219/2020|2020-03-10|EPI_ISL_429409|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Australia/VIC9343/2020|2020-08-03|EPI_ISL_565510|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Korea/KDCA0065/2020|2020-09-16|EPI_ISL_747306|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-9846CD/2020|2020-07-28|EPI_ISL_529563|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-C3FB92/2020|2020-12-10|EPI_ISL_719368|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20031159/2020|2020-07-07|EPI_ISL_510093|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Australia/NSW3666/2020|2020-12-16|EPI_ISL_710513|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Spain/AR-IBV-98010736/2020|2020-11-12|EPI_ISL_722271|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/NORW-EAB65/2020|2020-04-29|EPI_ISL_461884|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20035/2020|2020-03-18|EPI_ISL_437122|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Jordan/AQ-ALSR-5251/2020|2020-10-18|EPI_ISL_730489|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/India/TG-CCMB-AC529/2020|2020-08-19|EPI_ISL_539772|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-15542/2020|2020-10-23|EPI_ISL_787026|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC12744/2020|2020-07-29|EPI_ISL_641071|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-722F4/2020|2020-03-28|EPI_ISL_439618|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-962416/2020|2020-08-10|EPI_ISL_531750|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9FA7A1/2020|2020-09-28|EPI_ISL_588220|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132048102/2020|2020-03-22|EPI_ISL_420497|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FC0E9/2020|2020-04-13|EPI_ISL_470023|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15760/2020|2020-08-03|EPI_ISL_593446|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Panama/330286/2020|2020-03-09|EPI_ISL_496661|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Denmark/DCGC-9853/2020|2020-11-09|EPI_ISL_669229|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B62FE6/2020|2020-11-08|EPI_ISL_655494|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B1FC0F/2020|2020-11-02|EPI_ISL_647489|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AACAA/2020|2020-08-01|EPI_ISL_540608|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1421/2020|2020-09-11|EPI_ISL_541554|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison Campus AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-9C3B4B/2020|2020-09-09|EPI_ISL_566960|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0ACBD/2020|2020-10-03|EPI_ISL_599447|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E5CE/2020|2020-10-12|EPI_ISL_595474|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A1F4AE/2020|2020-10-01|EPI_ISL_587469|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OH-CDC-2-3693576/2020|2020-11-04|EPI_ISL_747129|Original|hCoV-19^^Ohio|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/SHEF-CCF03/2020|2020-09-21|EPI_ISL_573733|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/BRIS-1281E0/2020|2020-04-16|EPI_ISL_469666|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F918451/2020|2020-03-31|EPI_ISL_593966|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/ALDP-B23770/2020|2020-11-04|EPI_ISL_647043|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6286/2020|2020-06-09|EPI_ISL_527693|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-A6FFBD/2020|2020-10-15|EPI_ISL_608280|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B78BDA/2020|2020-11-12|EPI_ISL_667833|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/261_32221/2020|2020-03-10|EPI_ISL_437907|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/USA/OR-OHSU-0649/2020|2020-06-16|EPI_ISL_525870|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-48B7D7/2020|2020-11-03|EPI_ISL_666285|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17226C/2020|2020-03-30|EPI_ISL_469969|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8062/2020|2020-09-30|EPI_ISL_594827|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WA-S2585/2020|2020-06-19|EPI_ISL_497217|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-A45B13/2020|2020-10-06|EPI_ISL_598814|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0029/2020|2020-03-09|EPI_ISL_418014|Original|hCoV-19^^Portugal|Human|CHULC - H Curry Cabral|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-C3AB5B/2020|2020-12-09|EPI_ISL_731547|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW708/2020|2020-07-25|EPI_ISL_513351|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-6089/2020|2020-07-00|EPI_ISL_689201|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B63DBE/2020|2020-11-08|EPI_ISL_655303|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B522A4/2020|2020-11-08|EPI_ISL_656859|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79F50/2020|2020-04-02|EPI_ISL_441266|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-A9F400/2020|2020-10-20|EPI_ISL_611352|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0830/2020|2020-04-20|EPI_ISL_583725|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Germany/NW-HHU-84/2020|2020-08-17|EPI_ISL_539600|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsselldorf-Centrum GbR \u00dcBAG f\u00f0r Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/ALDP-59A4FB/2020|2020-06-15|EPI_ISL_558263|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE22F5/2020|2020-10-26|EPI_ISL_633621|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A5937E/2020|2020-10-09|EPI_ISL_597020|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-350185/2020|2020-11-04|EPI_ISL_693834|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/CAMC-A58A6B/2020|2020-10-09|EPI_ISL_609161|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-950FDE/2020|2020-06-13|EPI_ISL_554250|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B94279/2020|2020-11-13|EPI_ISL_676029|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160647/2020|2020-04-17|EPI_ISL_472957|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Panama/332513/2020|2020-03-23|EPI_ISL_496713|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/UT-UPHL-2008855/2020|2020-06-01|EPI_ISL_524871|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LIVE-A694D/2020|2020-03-16|EPI_ISL_499590|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00242714/2020|2020-03-29|EPI_ISL_536335|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-9C5244/2020|2020-09-10|EPI_ISL_567832|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0928/2020|2020-04-00|EPI_ISL_684538|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-7B99C/2020|2020-04-04|EPI_ISL_441630|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-287412-01/2020|2020-12-15|EPI_ISL_767458|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-C3140E/2020|2020-12-10|EPI_ISL_731414|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FC4A/2020|2020-12-09|EPI_ISL_743336|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-79B4D/2020|2020-04-02|EPI_ISL_441335|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0FC99/2020|2020-11-02|EPI_ISL_642100|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3580F/2020|2020-11-05|EPI_ISL_659486|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F06E3/2020|2020-10-05|EPI_ISL_584737|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14825/2020|2020-11-19|EPI_ISL_738865|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/CVR5225/2020|2020-10-19|EPI_ISL_627397|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009317/2020|2020-05-18|EPI_ISL_524922|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-BA26E5/2020|2020-11-18|EPI_ISL_719943|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E4CE/2020|2020-10-15|EPI_ISL_607807|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A3386C/2020|2020-10-05|EPI_ISL_628411|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2554/2020|2020-04-15|EPI_ISL_456385|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/HI-H200601/2020|2020-10-05|EPI_ISL_753127|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9482/2020|2020-07-03|EPI_ISL_781147|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-74070/2020|2020-03-17|EPI_ISL_440334|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC9040/2020|2020-08-01|EPI_ISL_565369|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-9C8BCE/2020|2020-09-14|EPI_ISL_576028|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-C34605/2020|2020-12-11|EPI_ISL_734101|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5531/2020|2020-08-00|EPI_ISL_688656|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-2EC26/2020|2020-04-06|EPI_ISL_446129|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B2CFAC/2020|2020-11-04|EPI_ISL_680091|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-5049/2020|2020-07-00|EPI_ISL_690160|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-9762/2020|2020-11-09|EPI_ISL_669155|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-969691/2020|2020-08-14|EPI_ISL_531129|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/TAM-RII-MH2858S/2020|2020-09-26|EPI_ISL_733040|Original|hCoV-19^^Tambov|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Belgium/reg-0507488/2020|2020-05-07|EPI_ISL_477005|Original|hCoV-19^^Lummen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/204690991/2020|2020-11-13|EPI_ISL_686592|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-B2BF07/2020|2020-11-02|EPI_ISL_646552|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10F844/2020|2020-04-04|EPI_ISL_433054|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-6EB849/2020|2020-06-30|EPI_ISL_557610|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-CB7910/2020|2020-12-18|EPI_ISL_777800|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16075/2020|2020-11-16|EPI_ISL_714465|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B38BC7/2020|2020-11-01|EPI_ISL_658993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15333/2020|2020-10-21|EPI_ISL_786817|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hungary/UD-91370/2020|2020-10-05|EPI_ISL_671478|Original|hCoV-19^^Hajd\u00fa-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Belgium/VDLM-0330305/2020|2020-03-30|EPI_ISL_462159|Original|hCoV-19^^Olen|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/NE-11343/2020|2020-05-03|EPI_ISL_475209|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/QEUA-9F4BC9/2020|2020-09-24|EPI_ISL_588347|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8788/2020|2020-08-00|EPI_ISL_686377|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Peru/LIM-INS-097/2020|2020-07-01|EPI_ISL_536496|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/USA/TX-HMH-MCoV-16263/2020|2020-10-30|EPI_ISL_785947|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-65CAB/2020|2020-10-10|EPI_ISL_612217|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000236/2020|2020-03-18|EPI_ISL_631765|Original|hCoV-19^^New York|Human|Bellevue Hospital Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH847/2020|2020-05-24|EPI_ISL_513019|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-8547/2020|2020-10-26|EPI_ISL_625685|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ecuador/USFQ-167/2020|2020-07-25|EPI_ISL_516651|Original|hCoV-19^^Los Rios|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/USA/TX-HMH-MCoV-10538/2020|2020-07-10|EPI_ISL_789526|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-22405/2020|2020-08-06|EPI_ISL_570676|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A6C369/2020|2020-10-15|EPI_ISL_608175|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1828/2020|2020-03-15|EPI_ISL_604146|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-C159A7/2020|2020-12-05|EPI_ISL_709343|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0511/2020|2020-12-00|EPI_ISL_768720|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C8E842/2020|2020-12-15|EPI_ISL_777157|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A369B1/2020|2020-10-05|EPI_ISL_637997|Original|hCoV-19^^Scotland|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Kazakhstan/17920/2020|2020-04-15|EPI_ISL_454577|Original|hCoV-19^^Nur-Sultan|Human|Laboratory of virology|Laboratory of molecular-genetic research|Abdaliyev|Kazakhstan

>Spike|hCoV-19/Wales/PHWC-49BFFA/2020|2020-12-07|EPI_ISL_742494|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-4828S/2020|2020-07-10|EPI_ISL_569816|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12663/2020|2020-08-31|EPI_ISL_790449|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-1114D2/2020|2020-05-09|EPI_ISL_457574|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22213/2020|2020-12-14|EPI_ISL_758618|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A81AE1/2020|2020-10-14|EPI_ISL_610710|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14660/2020|2020-10-10|EPI_ISL_787945|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B1B7B7/2020|2020-11-01|EPI_ISL_645903|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S189/2020|2020-03-25|EPI_ISL_586376|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MN-MDH-1351/2020|2020-04-20|EPI_ISL_507940|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/NY-Wadsworth-292702-01/2020|2020-12-04|EPI_ISL_767710|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Spain/CL-IBV-97006252/2020|2020-04-20|EPI_ISL_537624|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/IL-NM-0376/2020|2020-03-28|EPI_ISL_626383|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-120238/2020|2020-05-01|EPI_ISL_468299|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/United Arab Emirates/L3290248500/2020|2020-05-19|EPI_ISL_520694|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Australia/VIC13070/2020|2020-08-04|EPI_ISL_592176|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-4AD775/2020|2020-06-14|EPI_ISL_559324|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B0AA6/2020|2020-05-13|EPI_ISL_452936|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-C4813A/2020|2020-12-12|EPI_ISL_718957|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD58D5/2020|2020-10-26|EPI_ISL_634626|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0450/2020|2020-04-04|EPI_ISL_569517|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUH-A0B2E7/2020|2020-09-30|EPI_ISL_599359|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3290/2020|2020-06-12|EPI_ISL_544107|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1655/2020|2020-08-19|EPI_ISL_539849|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Iceland/340/2020|2020-03-15|EPI_ISL_417669|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/NORT-2948CB/2020|2020-03-27|EPI_ISL_490448|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-269507-01/2020|2020-11-10|EPI_ISL_754576|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13326/2020|2020-08-25|EPI_ISL_788474|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-370487/2020|2020-11-16|EPI_ISL_693972|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/204291069/2020|2020-10-16|EPI_ISL_668444|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUAH-AD3AFF/2020|2020-10-25|EPI_ISL_629758|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480F61/2020|2020-10-19|EPI_ISL_613018|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/261/2020|2020-03-17|EPI_ISL_417589|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMC-A41106/2020|2020-10-07|EPI_ISL_609522|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0245/2020|2020-03-20|EPI_ISL_438075|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/MILK-9D3A4B/2020|2020-09-18|EPI_ISL_601500|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B97795/2020|2020-11-14|EPI_ISL_674969|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5108/2020|2020-08-00|EPI_ISL_690217|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Burkina Faso/2598/2020|2020-09-14|EPI_ISL_660459|Original|hCoV-19^^Bobo Dioulasso|Human|Laboratoire de Microbiologie CHU Sourou Sanou|Centre Muraz|Ouedraogo|Burkina Faso

>Spike|hCoV-19/Ireland/G-NVRL-MPF73373/2020|2020-05-19|EPI_ISL_767792|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/SHEF-C4F38/2020|2020-10-31|EPI_ISL_653067|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2211/2020|2020-05-23|EPI_ISL_545184|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-24A08/2020|2020-03-19|EPI_ISL_419469|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE3FB/2020|2020-04-29|EPI_ISL_459429|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14243/2020|2020-10-05|EPI_ISL_787528|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-165D3E/2020|2020-06-15|EPI_ISL_490797|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8285/2020|2020-07-07|EPI_ISL_783539|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-6319/2020|2020-07-06|EPI_ISL_547388|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW204/2020|2020-03-13|EPI_ISL_417353|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-4135/2020|2020-06-18|EPI_ISL_543399|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-167E39/2020|2020-06-07|EPI_ISL_494163|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20040266/2020|2020-07-13|EPI_ISL_523849|Original|hCoV-19^^Hong Kong|Human|United Christian Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5156/2020|2020-04-21|EPI_ISL_700454|Original|hCoV-19^^Western Cape|Human|Heideveld CDC wc HVP|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Luxembourg/LNS6379862/2020|2020-11-01|EPI_ISL_744405|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-B13B68/2020|2020-11-02|EPI_ISL_641622|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3094/2020|2020-04-00|EPI_ISL_691216|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9A6ABA/2020|2020-09-02|EPI_ISL_550065|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1420/2020|2020-03-26|EPI_ISL_511379|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NV-NSPHL-A0091/2020|2020-04-13|EPI_ISL_515368|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/ALDP-9518E1/2020|2020-06-10|EPI_ISL_555328|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A81F5B/2020|2020-10-12|EPI_ISL_610820|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C47511/2020|2020-12-11|EPI_ISL_718667|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1720/2020|2020-09-11|EPI_ISL_605593|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Singapore/324/2020|2020-03-19|EPI_ISL_462088|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/USA/CO-CDPHE-2009170087/2020|2020-09-16|EPI_ISL_710340|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/TX-HMH-3914/2020|2020-06-16|EPI_ISL_543277|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-1203/2020|2020-04-00|EPI_ISL_684813|Original|hCoV-19^^Japan|Human|Yamagata Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-8415C/2020|2020-04-24|EPI_ISL_438741|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004642/2020|2020-11-01|EPI_ISL_660657|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-95D28D/2020|2020-06-16|EPI_ISL_553386|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18631/2020|2020-11-20|EPI_ISL_784979|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20933/2020|2020-03-21|EPI_ISL_507723|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-10CF69F/2020|2020-12-12|EPI_ISL_727933|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-5D1B02/2020|2020-06-19|EPI_ISL_558411|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B19F0C/2020|2020-11-01|EPI_ISL_645760|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462867/2020|2020-10-29|EPI_ISL_615034|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/QEUEH-95E79C/2020|2020-08-07|EPI_ISL_532405|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38471/2020|2020-11-01|EPI_ISL_659047|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15664/2020|2020-11-23|EPI_ISL_713949|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204981682/2020|2020-12-02|EPI_ISL_754242|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96F992/2020|2020-08-18|EPI_ISL_540327|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000712/2020|2020-03-07|EPI_ISL_452755|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/LA-BIE-039/2020|2020-04-04|EPI_ISL_463287|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/England/QEUEH-960EFC/2020|2020-08-04|EPI_ISL_532100|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CAD90E/2020|2020-12-20|EPI_ISL_761239|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C88EA0/2020|2020-12-16|EPI_ISL_756616|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497AEE/2020|2020-11-23|EPI_ISL_726932|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-48/2020|2020-04-12|EPI_ISL_530051|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/USA/MN-MDH-1971/2020|2020-10-24|EPI_ISL_634845|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-18914/2020|2020-12-07|EPI_ISL_748638|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204240973/2020|2020-10-14|EPI_ISL_622849|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BRIS-12ABA4/2020|2020-05-01|EPI_ISL_458323|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B79C4F/2020|2020-11-12|EPI_ISL_741043|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/CVR5719/2020|2020-11-09|EPI_ISL_651932|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-B434DD/2020|2020-11-08|EPI_ISL_657125|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10619/2020|2020-09-05|EPI_ISL_626252|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-B8F01D/2020|2020-11-13|EPI_ISL_675153|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0216/2020|2020-07-01|EPI_ISL_569894|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/QEUEH-9FB2DC/2020|2020-09-29|EPI_ISL_588098|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5437/2020|2020-09-14|EPI_ISL_615369|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AAC637/2020|2020-10-21|EPI_ISL_652862|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-3897/2020|2020-07-00|EPI_ISL_692148|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-9AD13/2020|2020-03-30|EPI_ISL_449395|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/FL-AF28/2020|2020-06-28|EPI_ISL_513280|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/England/CAMC-B99784/2020|2020-11-15|EPI_ISL_673450|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2809/2020|2020-07-30|EPI_ISL_526743|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/Wales/PHWC-16BB98/2020|2020-09-16|EPI_ISL_573950|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB2092/2020|2020-04-19|EPI_ISL_433190|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00048/2020|2020-03-23|EPI_ISL_460291|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Wales/PHWC-49E829/2020|2020-12-08|EPI_ISL_743054|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A865AF/2020|2020-10-17|EPI_ISL_606233|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB3078/2020|2020-10-30|EPI_ISL_651123|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE7150909/2020|2020-08-24|EPI_ISL_653925|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Samoilov|Russia

>Spike|hCoV-19/England/MILK-BAA5A4/2020|2020-11-18|EPI_ISL_681517|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8213/2020|2020-07-07|EPI_ISL_783591|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-QDX-1230/2020|2020-03-17|EPI_ISL_572006|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/ME-HETL-J0054/2020|2020-03-14|EPI_ISL_513465|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/WI-UW-1713/2020|2020-09-11|EPI_ISL_605586|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_69/2020|2020-03-24|EPI_ISL_422937|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-2A264/2020|2020-04-05|EPI_ISL_445543|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-85324C/2020|2020-07-17|EPI_ISL_557489|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH212S/2020|2020-07-23|EPI_ISL_732994|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-954BC7/2020|2020-06-11|EPI_ISL_553498|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1949/2020|2020-06-09|EPI_ISL_480673|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-1298/2020|2020-04-27|EPI_ISL_542635|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9E5A28/2020|2020-09-24|EPI_ISL_589467|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC228/2020|2020-04-03|EPI_ISL_427628|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/HI-H200592/2020|2020-11-21|EPI_ISL_753118|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/WY-WPHL-20158493/2020|2020-12-04|EPI_ISL_756255|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/SC-CDC-2-3714362/2020|2020-12-02|EPI_ISL_751611|Original|hCoV-19^^South Carolina|Human|SC Dept of Health and Env. Control-Bureau of Laboratories|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/WI-GMF-15087/2020|2020-08-11|EPI_ISL_547698|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/PHWC-2B04B/2020|2020-04-08|EPI_ISL_432271|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0078/2020|2020-09-24|EPI_ISL_747318|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-11693/2020|2020-09-01|EPI_ISL_790088|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-28B1AE/2020|2020-04-18|EPI_ISL_492961|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1336/2020|2020-04-13|EPI_ISL_430698|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC7782/2020|2020-08-02|EPI_ISL_564652|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Indonesia/JT-UGM-47964/2020|2020-08-31|EPI_ISL_610162|Original|hCoV-19^^Central Java|Human|RSUD Dr. Tjitrowardojo|Genetics Working Group (Pokja Genetik) Faculty of Medicine|Gunadi|Indonesia

>Spike|hCoV-19/England/LIVE-9E614/2020|2020-04-10|EPI_ISL_453317|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-CEC96D/2020|2020-12-21|EPI_ISL_782226|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1333BF/2020|2020-05-21|EPI_ISL_495099|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/Qc-L00241208/2020|2020-03-27|EPI_ISL_450314|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Australia/VIC14340/2020|2020-07-30|EPI_ISL_591808|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2543/2020|2020-06-16|EPI_ISL_497175|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-94FEB7/2020|2020-06-16|EPI_ISL_555133|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-7877/2020|2020-10-28|EPI_ISL_681816|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/CA-CZB-15081/2020|2020-11-20|EPI_ISL_738909|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-B24FC2/2020|2020-11-04|EPI_ISL_646698|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB0FBC/2020|2020-11-18|EPI_ISL_720130|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1516/2020|2020-04-28|EPI_ISL_542766|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A5A65/2020|2020-12-18|EPI_ISL_763525|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D4D1/2020|2020-10-09|EPI_ISL_586152|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-F0CE1/2020|2020-00-00|EPI_ISL_595213|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4933AB/2020|2020-11-28|EPI_ISL_725877|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW2005/2020|2020-03-14|EPI_ISL_500597|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/USA/NY-QDX-136/2020|2020-03-16|EPI_ISL_467889|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-ACFAAB/2020|2020-10-22|EPI_ISL_652120|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2107/2020|2020-09-28|EPI_ISL_677512|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/FL-BPHL-0241/2020|2020-05-02|EPI_ISL_480892|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/CAMC-A57352/2020|2020-10-09|EPI_ISL_609203|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6171/2020|2020-08-00|EPI_ISL_689283|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-47418/2020|2020-12-11|EPI_ISL_776724|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-6820/2020|2020-10-12|EPI_ISL_619517|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/QLD1060/2020|2020-09-15|EPI_ISL_576144|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Canada/QC-LSPQ-L00235639/2020|2020-03-24|EPI_ISL_536104|Original|hCoV-19^^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-C3D4E4/2020|2020-12-10|EPI_ISL_730996|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B07A88/2020|2020-10-29|EPI_ISL_643568|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0193/2020|2020-03-23|EPI_ISL_434868|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Turkey/HSGM-4698/2020|2020-03-18|EPI_ISL_437332|Vero P1|hCoV-19^^Istanbul|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/England/MILK-B86702/2020|2020-11-13|EPI_ISL_674147|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462851/2020|2020-10-29|EPI_ISL_615021|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/OH-ODH-SC35210/2020|2020-04-24|EPI_ISL_780377|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/England/ALDP-95647F/2020|2020-06-08|EPI_ISL_553999|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-352/2020|2020-10-22|EPI_ISL_722533|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-4848/2020|2020-06-22|EPI_ISL_544374|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/ULG-10883/2020|2020-11-13|EPI_ISL_678426|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-B55D73/2020|2020-11-06|EPI_ISL_658359|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-95ED5E/2020|2020-08-08|EPI_ISL_532447|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-137940/2020|2020-05-12|EPI_ISL_512338|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUI-B688A9/2020|2020-11-11|EPI_ISL_655036|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-21494/2020|2020-05-15|EPI_ISL_615076|Original|hCoV-19^^Uppsala|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/BRIS-125E82/2020|2020-03-30|EPI_ISL_443955|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12801/2020|2020-06-29|EPI_ISL_570904|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Gambia/NPHL-2344/2020|2020-00-00|EPI_ISL_561243|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/20124012902/2020|2020-03-18|EPI_ISL_418699|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000805/2020|2020-03-08|EPI_ISL_452717|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-9443C2/2020|2020-06-07|EPI_ISL_554780|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_156/2020|2020-04-28|EPI_ISL_461329|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC6091/2020|2020-07-11|EPI_ISL_518116|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1081/2020|2020-06-03|EPI_ISL_470761|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Canada/ON-UHTC_0398/2020|2020-11-24|EPI_ISL_698079|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/USA/VA-DCLS-1975/2020|2020-10-07|EPI_ISL_644891|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/SAP208/2020|2020-04-20|EPI_ISL_492132|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/201121113/2020|2020-03-09|EPI_ISL_464681|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Chile/RM-87410-TC1/2020|2020-06-01|EPI_ISL_746817|Vero E6|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/ALDP-BC7C06/2020|2020-11-23|EPI_ISL_721463|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D21D7/2020|2020-03-26|EPI_ISL_442506|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Norway/2390/2020|2020-04-02|EPI_ISL_449794|Original|hCoV-19^^Norway|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/England/20142022204/2020|2020-03-29|EPI_ISL_465932|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-CB6841/2020|2020-12-17|EPI_ISL_761126|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-5136/2020|2020-10-20|EPI_ISL_730376|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMC-B07B94/2020|2020-10-29|EPI_ISL_643662|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7327/2020|2020-08-00|EPI_ISL_688430|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-2462/2020|2020-12-21|EPI_ISL_759737|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/MILK-B554AB/2020|2020-11-05|EPI_ISL_658004|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18032/2020|2020-11-16|EPI_ISL_786180|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-11749/2020|2020-10-26|EPI_ISL_670759|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3091/2020|2020-08-24|EPI_ISL_616871|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-1237/2020|2020-05-12|EPI_ISL_454657|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/BIRM-5FBF2/2020|2020-05-20|EPI_ISL_473389|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17124F/2020|2020-03-26|EPI_ISL_459538|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-

University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Luxembourg/LNS7892400/2020|2020-10-30|EPI_ISL_744649|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/England/ALDP-B1D0E7/2020|2020-11-01|EPI_ISL_664559|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/England/ALDP-6C44E8/2020|2020-07-01|EPI_ISL_556167|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUH-B0DB52/2020|2020-11-02|EPI_ISL_642168|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-04315_2/2020|2020-05-17|EPI_ISL_591306|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/MI-QDX-1126/2020|2020-03-20|EPI_ISL_571856|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Gibraltar/204421219/2020|2020-10-27|EPI_ISL_613680|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar
>Spike|hCoV-19/Australia/VIC7233/2020|2020-07-25|EPI_ISL_564300|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/South Africa/KRISP-K004018/2020|2020-10-12|EPI_ISL_635002|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Denmark/DCGC-5000/2020|2020-09-21|EPI_ISL_621808|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Netherlands/NB-EMC-313/2020|2020-10-06|EPI_ISL_632446|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Scotland/QEUH-A9D860/2020|2020-10-20|EPI_ISL_727790|Original|hCoV-19^^Scotland|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-3535/2020|2020-08-31|EPI_ISL_616328|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-B62A6D/2020|2020-11-09|EPI_ISL_656368|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUH-9CF64E/2020|2020-09-17|EPI_ISL_601992|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9F27C7/2020|2020-09-25|EPI_ISL_589135|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Norway/3784/2020|2020-09-29|EPI_ISL_668439|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway
>Spike|hCoV-19/USA/MA-MASPHL-00076/2020|2020-04-03|EPI_ISL_791566|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA
>Spike|hCoV-19/Wales/PHWC-32FBD/2020|2020-04-14|EPI_ISL_446719|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Japan/PG-8301/2020|2020-08-00|EPI_ISL_687400|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR2949/2020|2020-04-22|EPI_ISL_478048|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/GE-HUG-0304/2020|2020-04-02|EPI_ISL_429218|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/England/QEUH-CADACF/2020|2020-12-20|EPI_ISL_760923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9C7CDB/2020|2020-09-15|EPI_ISL_576040|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6513/2020|2020-10-05|EPI_ISL_619413|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZuidHolland_93/2020|2020-03-29|EPI_ISL_422960|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-C0813/2020|2020-03-25|EPI_ISL_420166|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165606/2020|2020-06-27|EPI_ISL_484688|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-34728-01/2020|2020-04-01|EPI_ISL_525644|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Denmark/DCGC-3627/2020|2020-08-31|EPI_ISL_616395|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/201080027/2020|2020-03-05|EPI_ISL_464432|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0068/2020|2020-04-16|EPI_ISL_445011|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-B21DE9/2020|2020-11-01|EPI_ISL_647178|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1084/2020|2020-05-14|EPI_ISL_615125|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/LA-EVTL686/2020|2020-07-15|EPI_ISL_653378|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-49692E/2020|2020-06-07|EPI_ISL_559359|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14044/2020|2020-08-14|EPI_ISL_787332|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB75E/2020|2020-03-25|EPI_ISL_448974|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-004155/2020|2020-03-26|EPI_ISL_510067|Original|hCoV-19^^Catalunya|Human|Instituto de Investigaciones Biomédicas de Barcelona (CSIC)|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Northern Ireland/QEUH-96DB61/2020|2020-08-20|EPI_ISL_530718|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1260/2020|2020-06-09|EPI_ISL_482981|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/20189176801/2020|2020-05-01|EPI_ISL_465575|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FFAFE/2020|2020-09-30|EPI_ISL_600182|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0757-IPL/2020|2020-05-13|EPI_ISL_483337|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-Wadsworth-290758-01/2020|2020-12-21|EPI_ISL_767576|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-48B4EF/2020|2020-10-29|EPI_ISL_666245|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CB2FC/2020|2020-05-22|EPI_ISL_484493|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/NJ-QDX-133/2020|2020-03-13|EPI_ISL_467876|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-4642/2020|2020-07-00|EPI_ISL_689779|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9530AB/2020|2020-06-11|EPI_ISL_553669|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-235307/2020|2020-10-19|EPI_ISL_764426|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Vietnam/IBT-NIHE-05/2020|2020-03-25|EPI_ISL_479757|Vero|hCoV-19^^Hanoi|Human|National Institute of Hygiene and Epidemiology (NIHE)|National Key Laboratory of Gene Technology|Nguyen|Vietnam

>Spike|hCoV-19/Cote d'Ivoire/BKE0706/2020|2020-07-24|EPI_ISL_614382|Original|hCoV-19^^Bouafle|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/England/ALDP-94FA59/2020|2020-06-18|EPI_ISL_555171|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW168/2020|2020-03-21|EPI_ISL_427739|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/PORT-2D2D2C/2020|2020-04-06|EPI_ISL_611925|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4818FC/2020|2020-10-18|EPI_ISL_613123|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NC-SLPH-0017/2020|2020-08-08|EPI_ISL_538521|Original|hCoV-19^^North Carolina|Human|Infectious Diseases|Infectious Diseases|Chase|USA

>Spike|hCoV-19/England/QEUEH-B67E7B/2020|2020-11-11|EPI_ISL_661601|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036306710/2020|2020-10-06|EPI_ISL_596604|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/QEUEH-9F3DE2/2020|2020-09-24|EPI_ISL_600767|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6F64/2020|2020-09-24|EPI_ISL_580608|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8567/2020|2020-07-01|EPI_ISL_780630|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B67F78/2020|2020-11-11|EPI_ISL_662109|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PDL-SC608/2020|2020-03-21|EPI_ISL_663255|Original|hCoV-19^^Pays-de-la-Loire|Human|CHU Nantes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Japan/IC-0076/2020|2020-07-00|EPI_ISL_591418|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A03E7/2020|2020-12-05|EPI_ISL_743440|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493E22/2020|2020-11-18|EPI_ISL_726032|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11140/2020|2020-11-02|EPI_ISL_670411|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B10776/2020|2020-11-02|EPI_ISL_641829|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124946/2020|2020-03-25|EPI_ISL_443940|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-95ED03/2020|2020-08-08|EPI_ISL_532452|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9FB37/2020|2020-11-18|EPI_ISL_721173|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AD5459/2020|2020-10-26|EPI_ISL_649704|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A0CAFD/2020|2020-10-03|EPI_ISL_585618|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2AFA9/2020|2020-04-06|EPI_ISL_474260|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6092/2020|2020-06-30|EPI_ISL_547231|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4923AC/2020|2020-11-17|EPI_ISL_706842|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/EXET-13AD9C/2020|2020-11-11|EPI_ISL_664611|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/India/MH-GA47/2020|2020-06-20|EPI_ISL_508241|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/ALDP-A4FDAA/2020|2020-10-06|EPI_ISL_597859|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004273/2020|2020-04-07|EPI_ISL_510392|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Beijing/DT-travelIT03/2020|2020-03-07|EPI_ISL_452354|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/USA/CA-IGI-0368/2020|2020-07-16|EPI_ISL_576550|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Luxembourg/LNS9579356/2020|2020-03-30|EPI_ISL_429708|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-495C80/2020|2020-11-25|EPI_ISL_726464|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0023/2020|2020-03-12|EPI_ISL_437223|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Denmark/DCGC-16935/2020|2020-12-14|EPI_ISL_750652|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1A123/2020|2020-11-02|EPI_ISL_645584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AA31E/2020|2020-03-22|EPI_ISL_517436|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D33B/2020|2020-11-15|EPI_ISL_680609|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2EDC9/2020|2020-04-07|EPI_ISL_446154|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18923/2020|2020-12-07|EPI_ISL_748164|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG351935/2020|2020-05-25|EPI_ISL_694409|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/MN-MDH-1612/2020|2020-04-26|EPI_ISL_530208|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/WA-UW-4317/2020|2020-03-31|EPI_ISL_437829|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Spain/IB-IBV-99011548/2020|2020-12-15|EPI_ISL_779859|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/204291821/2020|2020-10-17|EPI_ISL_613628|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3775/2020|2020-05-30|EPI_ISL_548459|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUH-B67330/2020|2020-11-11|EPI_ISL_662307|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6749/2020|2020-04-20|EPI_ISL_622347|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB9972/2020|2020-11-17|EPI_ISL_680554|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/MILK-9D53C6/2020|2020-09-19|EPI_ISL_577054|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/201620047/2020|2020-04-12|EPI_ISL_466393|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-08614/2020|2020-05-19|EPI_ISL_524355|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC4496/2020|2020-07-16|EPI_ISL_518907|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-GMF-00228/2020|2020-03-23|EPI_ISL_418187|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WA-S1956/2020|2020-06-02|EPI_ISL_497384|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10536/2020|2020-07-09|EPI_ISL_789245|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-12676/2020|2020-11-16|EPI_ISL_682857|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-34/2020|2020-03-26|EPI_ISL_421292|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Israel/CVL-n-10864/2020|2020-04-23|EPI_ISL_474984|Original|hCoV-19^^Jerusalem|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-A4607D/2020|2020-10-06|EPI_ISL_598688|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0611/2020|2020-05-15|EPI_ISL_698767|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-946E65/2020|2020-07-16|EPI_ISL_556797|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16050/2020|2020-08-04|EPI_ISL_640371|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Jordan/AM-ALSR-4082/2020|2020-10-03|EPI_ISL_636442|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Finland/14A51S15/2020|2020-04-14|EPI_ISL_481552|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Germany/HH-hpi-p1574/2020|2020-03-15|EPI_ISL_776052|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/BRIS-123AEA/2020|2020-04-07|EPI_ISL_442722|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-1739DF/2020|2020-04-07|EPI_ISL_459144|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-

University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUI-BCB561/2020|2020-11-27|EPI_ISL_704275|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2012666296/2020|2020-08-15|EPI_ISL_745883|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/MI-MDHHS-SC22413/2020|2020-11-14|EPI_ISL_708246|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA
>Spike|hCoV-19/Wales/PHWC-162706/2020|2020-05-14|EPI_ISL_473110|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Japan/PG-2021/2020|2020-04-00|EPI_ISL_685626|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-A44C7B/2020|2020-10-06|EPI_ISL_598557|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-121DF2/2020|2020-03-20|EPI_ISL_439974|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/QEUI-95FB08/2020|2020-08-02|EPI_ISL_532366|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-6FF8BB/2020|2020-06-29|EPI_ISL_557714|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-CB4BE0/2020|2020-12-18|EPI_ISL_761908|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Switzerland/BE-ETHZ-390437/2020|2020-11-04|EPI_ISL_729080|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/India/MH-NIV-183948/2020|2020-08-28|EPI_ISL_541718|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India
>Spike|hCoV-19/Portugal/PT0045/2020|2020-03-18|EPI_ISL_421448|Original|hCoV-19^^Portugal|Human|H Guimaraes|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/USA/CA-CZB-14605/2020|2020-10-29|EPI_ISL_739474|Original|hCoV-19^^California|Human|Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/Denmark/DCGC-12687/2020|2020-11-16|EPI_ISL_682868|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Scotland/CVR4311/2020|2020-09-15|EPI_ISL_572623|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13778/2020|2020-08-17|EPI_ISL_788871|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/203690348/2020|2020-09-05|EPI_ISL_534723|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-A6D140/2020|2020-10-14|EPI_ISL_608071|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CA-UCLA-68/2020|2020-04-01|EPI_ISL_537593|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21364/2020|2020-04-04|EPI_ISL_507618|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WI-GMF-13783/2020|2020-08-04|EPI_ISL_547658|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/South Korea/KCDC2209/2020|2020-04-13|EPI_ISL_510548|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/GE-EMC-194/2020|2020-06-03|EPI_ISL_523176|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-FF2D1/2020|2020-04-22|EPI_ISL_469878|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020313239/2020|2020-08-26|EPI_ISL_574266|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Australia/VIC17585/2020|2020-07-20|EPI_ISL_663933|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-4065/2020|2020-04-01|EPI_ISL_437816|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-ALSR-3821/2020|2020-06-19|EPI_ISL_636225|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-7207/2020|2020-07-00|EPI_ISL_688311|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-8632/2020|2020-10-26|EPI_ISL_625781|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B51B31/2020|2020-11-09|EPI_ISL_658220|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648628/2020|2020-04-29|EPI_ISL_695865|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10322/2020|2020-07-08|EPI_ISL_789422|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B3483D/2020|2020-11-06|EPI_ISL_659479|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7038/2020|2020-07-17|EPI_ISL_561863|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT1655/2020|2020-11-08|EPI_ISL_731957|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMB-822F1/2020|2020-04-12|EPI_ISL_443670|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B54E71/2020|2020-11-06|EPI_ISL_657715|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00241959/2020|2020-03-28|EPI_ISL_536299|Original|hCoV-19^^Quebec|Human|CSSS Haut-Richelieu/Rouville (H\u00f4pital)|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/MA-MGH-00745/2020|2020-04-10|EPI_ISL_791742|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-5C96EE/2020|2020-06-19|EPI_ISL_558479|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94DA5B/2020|2020-06-17|EPI_ISL_555213|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4877/2020|2020-07-13|EPI_ISL_519260|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/GE-RIVM-20522/2020|2020-11-25|EPI_ISL_728737|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Spain/AS-IBV-98006601/2020|2020-03-13|EPI_ISL_654645|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/BL-UHB-42194287/2020|2020-03-16|EPI_ISL_528157|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Slovenia/6051/2020|2020-03-11|EPI_ISL_635226|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/USA/AZ-TG382559/2020|2020-06-15|EPI_ISL_694685|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/SHEF-C8435/2020|2020-04-25|EPI_ISL_490611|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-1822/2020|2020-04-00|EPI_ISL_685428|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Latvia/205/2020|2020-09-21|EPI_ISL_770041|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Japan/PG-7137/2020|2020-08-00|EPI_ISL_688242|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-97010F/2020|2020-08-16|EPI_ISL_568412|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0200/2020|2020-03-30|EPI_ISL_509071|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000197/2020|2020-04-16|EPI_ISL_631732|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUA-96E605/2020|2020-08-17|EPI_ISL_530581|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12D048/2020|2020-04-26|EPI_ISL_481853|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-81A54/2020|2020-04-12|EPI_ISL_443095|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-BB03A1/2020|2020-11-17|EPI_ISL_720448|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42408481/2020|2020-08-24|EPI_ISL_581984|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-A2FA21/2020|2020-10-03|EPI_ISL_587193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03203/2020|2020-10-01|EPI_ISL_765745|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20411/2020|2020-03-15|EPI_ISL_452285|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-14609/2020|2020-11-23|EPI_ISL_711870|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BB3C67/2020|2020-11-20|EPI_ISL_701981|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8147/2020|2020-08-06|EPI_ISL_564873|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B7E9CB/2020|2020-11-14|EPI_ISL_668045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100172/2020|2020-03-16|EPI_ISL_574982|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-20557/2020|2020-12-21|EPI_ISL_759218|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9F615C/2020|2020-09-27|EPI_ISL_600857|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR0989/2020|2020-03-17|EPI_ISL_456174|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Bangladesh/SUST-GEB-Habiganj-4/2020|2020-11-25|EPI_ISL_754177|Original|hCoV-19^^Sylhet|Human|Specialized Lab for COVID-19 Detection|Specialized Lab for COVID-19 Detection|Jewel|Bangladesh

>Spike|hCoV-19/England/CAMB-7D52D/2020|2020-04-03|EPI_ISL_441721|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11349/2020|2020-06-21|EPI_ISL_570399|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Brazil/SP-508/2020|2020-04-13|EPI_ISL_468320|Original|hCoV-19^^S\u00e3o Paulo|Human|Secretaria Municipal de Saude de Hortolandia|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/NOTT-1140DB/2020|2020-10-03|EPI_ISL_577138|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-170732/2020|2020-03-26|EPI_ISL_489638|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-181/2020|2020-05-24|EPI_ISL_523163|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR4390/2020|2020-09-14|EPI_ISL_585264|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC7834/2020|2020-07-28|EPI_ISL_564687|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B666B0/2020|2020-11-11|EPI_ISL_661425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Morocco/15N/2020|2020-05-15|EPI_ISL_458150|Original|hCoV-19^^Casablanca|Human|ANOUAL|ANOUAL|Fekkak|Morocco

>Spike|hCoV-19/Australia/VIC6796/2020|2020-07-21|EPI_ISL_564062|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORT-293F21/2020|2020-07-21|EPI_ISL_573332|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48D429/2020|2020-11-01|EPI_ISL_680623|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW656/2020|2020-07-12|EPI_ISL_498775|Original|hCoV-19^^New South Wales|Human|Histopath|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-8383/2020|2020-07-00|EPI_ISL_687482|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/VD-ETHZ-140067/2020|2020-04-29|EPI_ISL_476115|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-9A40C9/2020|2020-09-01|EPI_ISL_540209|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/EK220-CV54/2020|2020-05-14|EPI_ISL_487102|Original|hCoV-19^^Ekiti State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Scotland/GCVR-170D8B/2020|2020-03-28|EPI_ISL_524527|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BCC5CA/2020|2020-11-27|EPI_ISL_703996|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008635/2020|2020-09-29|EPI_ISL_654206|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-7200/2020|2020-07-00|EPI_ISL_688304|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5200/2020|2020-09-14|EPI_ISL_621738|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Colombia/ANT-INS-79256/2020|2020-03-11|EPI_ISL_417924|Original|hCoV-19^^Antioquia|Human|Secretar\u00eda de Salud Medell\u00edn|Instituto Nacional de Salud|D\u00edaz|Colombia

>Spike|hCoV-19/USA/WI-UW-854/2020|2020-07-09|EPI_ISL_509860|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/CVR4677/2020|2020-09-28|EPI_ISL_612306|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9736B2/2020|2020-08-20|EPI_ISL_575777|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B49DA/2020|2020-09-03|EPI_ISL_590385|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0487/2020|2020-11-30|EPI_ISL_778872|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/QEUA-C5BBCD/2020|2020-12-14|EPI_ISL_769335|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC9467/2020|2020-10-21|EPI_ISL_630090|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A62C/2020|2020-04-06|EPI_ISL_445596|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-B0DB25/2020|2020-11-02|EPI_ISL_649520|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F7C96/2020|2020-09-27|EPI_ISL_588753|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-95DC52/2020|2020-06-18|EPI_ISL_556158|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regal-10191126/2020|2020-10-19|EPI_ISL_735157|Original|hCoV-19^^Maaseik|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-A4575B/2020|2020-10-06|EPI_ISL_598542|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1092/2020|2020-08-05|EPI_ISL_569050|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Austria/CeMM0647/2020|2020-03-29|EPI_ISL_583621|Original|hCoV-19^^See|Human|Pathologie-Labor Dr. Obrist- Dr. Brunhuber|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-4416/2020|2020-09-14|EPI_ISL_621837|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1ACFAE/2020|2020-04-24|EPI_ISL_489436|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0F47/2020|2020-10-22|EPI_ISL_624023|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F985/2020|2020-10-12|EPI_ISL_612750|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/UGent-226/2020|2020-11-15|EPI_ISL_717577|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Australia/VIC2310/2020|2020-06-25|EPI_ISL_522031|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0110/2020|2020-03-23|EPI_ISL_453826|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Sa\u00fade (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WI-UW-933/2020|2020-05-07|EPI_ISL_509933|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/ALDP-95119B/2020|2020-06-12|EPI_ISL_554207|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-11/2020|2020-10-15|EPI_ISL_682324|Original|hCoV-19^^Free State|Human|NHLS Universitas Academic|UFS Virology|Bester|South Africa
>Spike|hCoV-19/USA/UT-UPHL-2009187/2020|2020-05-22|EPI_ISL_525170|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Singapore/721/2020|2020-06-24|EPI_ISL_500542|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore
>Spike|hCoV-19/England/ALDP-B24E6B/2020|2020-11-04|EPI_ISL_646510|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-ACD8D0/2020|2020-10-22|EPI_ISL_630223|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-A36C03/2020|2020-10-04|EPI_ISL_638704|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/MILK-AB8726/2020|2020-10-21|EPI_ISL_623467|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-29C84B/2020|2020-04-23|EPI_ISL_488132|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-9AEBBF/2020|2020-09-03|EPI_ISL_573484|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom
>Spike|hCoV-19/New Zealand/20VR3914/2020|2020-00-00|EPI_ISL_548098|Original|hCoV-19^^Auckland|Human|North Shore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/England/NOTT-11F47A/2020|2020-11-25|EPI_ISL_702879|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-9546/2020|2020-11-09|EPI_ISL_668608|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Tunisia/ADAGE-24755/2020|2020-11-08|EPI_ISL_712062|Original|hCoV-19^^Sfax|Human|Laboratoire de Microbiologie- CHU Habib Bourguiba \u2013 Sfax adresse|Laboratoire des Proc\u00e9d\u00e9s de Criblage Mol\u00e9culaire et Cellulaire-Centre de Biotechnologie de Sfax|Abid|Tunisia
>Spike|hCoV-19/France/PAC-MEPHI-1749/2020|2020-09-18|EPI_ISL_644441|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France
>Spike|hCoV-19/England/BRIS-12EF0E/2020|2020-04-23|EPI_ISL_488437|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Russia/OMS-ORINFI-4890S/2020|2020-05-03|EPI_ISL_569854|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/Scotland/CVR6120/2020|2020-12-06|EPI_ISL_724214|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/USA/MI-MDHHS-SC21824/2020|2020-03-17|EPI_ISL_565867|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/NB_252/2020|2020-04-01|EPI_ISL_481749|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Grudeski|Canada

>Spike|hCoV-19/Australia/VIC7475/2020|2020-07-23|EPI_ISL_564434|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A6E5BC/2020|2020-10-15|EPI_ISL_607054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-CVD00053/2020|2020-03-23|EPI_ISL_586267|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Belgium/ULG-10178/2020|2020-05-09|EPI_ISL_455966|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-19447/2020|2020-11-29|EPI_ISL_783845|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-0161/2020|2020-04-21|EPI_ISL_509064|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/OXON-B02FA/2020|2020-04-19|EPI_ISL_478873|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-12B781/2020|2020-05-19|EPI_ISL_487554|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3558/2020|2020-04-14|EPI_ISL_439285|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29BE2/2020|2020-04-04|EPI_ISL_432017|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00488/2020|2020-03-27|EPI_ISL_460185|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/HI-H200145/2020|2020-07-10|EPI_ISL_752708|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUH-AD1244/2020|2020-10-26|EPI_ISL_633704|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C394A/2020|2020-03-25|EPI_ISL_441949|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/EDB3359/2020|2020-04-09|EPI_ISL_487874|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5812/2020|2020-06-29|EPI_ISL_547034|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A6C2D5/2020|2020-10-08|EPI_ISL_609044|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1496/2020|2020-05-25|EPI_ISL_617980|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/4903/2020|2020-10-25|EPI_ISL_668427|Original|hCoV-19^^Agder|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Japan/PG-7295/2020|2020-08-00|EPI_ISL_688398|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/UP-NCDC-02320/2020|2020-03-29|EPI_ISL_435099|Original|hCoV-19^^Uttar Pradesh|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/QEUA-B2B356/2020|2020-11-03|EPI_ISL_646462|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10961/2020|2020-11-02|EPI_ISL_670311|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-C45434/2020|2020-12-10|EPI_ISL_718566|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A647FC/2020|2020-10-11|EPI_ISL_608912|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/Donner57/2020|2020-07-11|EPI_ISL_644961|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/Netherlands/NH-RIVM-20430/2020|2020-12-08|EPI_ISL_728650|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-8971/2020|2020-07-02|EPI_ISL_780867|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR4124/2020|2020-09-08|EPI_ISL_540822|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020174489/2020|2020-07-01|EPI_ISL_542024|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/ALDP-4A39F1/2020|2020-05-27|EPI_ISL_559642|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14344/2020|2020-10-05|EPI_ISL_787629|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-E9CEB/2020|2020-04-30|EPI_ISL_448360|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004282/2020|2020-04-08|EPI_ISL_510399|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A510AC/2020|2020-10-07|EPI_ISL_597852|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1883/2020|2020-07-08|EPI_ISL_751505|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-A2E2DF/2020|2020-10-06|EPI_ISL_586610|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15741/2020|2020-07-09|EPI_ISL_785425|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/Utrecht_15/2020|2020-03-08|EPI_ISL_414554|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB1342/2020|2020-04-10|EPI_ISL_491699|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-13-10/2020|2020-06-14|EPI_ISL_523011|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/LI-RIVM-20488/2020|2020-12-07|EPI_ISL_728703|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-49CFDB/2020|2020-12-09|EPI_ISL_742717|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9ADF5A/2020|2020-09-05|EPI_ISL_638897|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11996/2020|2020-08-10|EPI_ISL_671243|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-13F1B9/2020|2020-12-15|EPI_ISL_763631|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Latvia/100/2020|2020-08-04|EPI_ISL_515187|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/MILK-C2FCA1/2020|2020-12-07|EPI_ISL_733780|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A4F4D/2020|2020-03-14|EPI_ISL_499909|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/NSW216/2020|2020-03-17|EPI_ISL_427732|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/AZ-TG305999/2020|2020-04-30|EPI_ISL_694309|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/LA-GBCL-26544540/2020|2020-04-18|EPI_ISL_485121|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Australia/NSW238/2020|2020-03-28|EPI_ISL_451504|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/EXET-1389E5/2020|2020-10-09|EPI_ISL_626804|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMC-B9812D/2020|2020-11-15|EPI_ISL_674859|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VI-CDC-4371/2020|2020-04-26|EPI_ISL_454649|Original|hCoV-19^^Virgin Islands|Human|VI-US Virgin Islands Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18349/2020|2020-11-18|EPI_ISL_784697|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-1679/2020|2020-07-22|EPI_ISL_526001|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/CA-QDX-1910/2020|2020-03-15|EPI_ISL_604198|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-6165/2020|2020-08-00|EPI_ISL_689277|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-283453-01/2020|2020-12-05|EPI_ISL_754446|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-1072/2020|2020-05-25|EPI_ISL_614497|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-A97E46/2020|2020-12-12|EPI_ISL_764333|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1113/2020|2020-12-07|EPI_ISL_763192|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Morocco/FMP-20/2020|2020-12-00|EPI_ISL_728340|Original|hCoV-19^^Mohammedia|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahgiri|Morocco

>Spike|hCoV-19/USA/NMDOH-2020189536/2020|2020-07-07|EPI_ISL_542031|Original|hCoV-19^^Texas|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Japan/PG-0408/2020|2020-03-30|EPI_ISL_480077|Original|hCoV-19^^Kanto|Human|Shizuoka City Institute of Environmental Sciences and Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-BABF3C/2020|2020-11-18|EPI_ISL_720667|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2611167/2020|2020-11-23|EPI_ISL_740158|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-AF1545/2020|2020-10-29|EPI_ISL_665400|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/CVR5865/2020|2020-11-17|EPI_ISL_666055|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9F2044/2020|2020-09-24|EPI_ISL_589183|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8460/2020|2020-10-26|EPI_ISL_617928|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-GMF-09331/2020|2020-07-05|EPI_ISL_489903|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/FL-BPHL-1861/2020|2020-04-10|EPI_ISL_613939|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/FL-BPHL-1238/2020|2020-06-01|EPI_ISL_541161|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Latvia/165/2020|2020-09-18|EPI_ISL_639662|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Scotland/QEUH-9E485C/2020|2020-09-23|EPI_ISL_601073|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15580/2020|2020-10-25|EPI_ISL_787064|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1595/2020|2020-06-22|EPI_ISL_700740|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-5A97A5/2020|2020-06-15|EPI_ISL_558656|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9C8B6/2020|2020-03-22|EPI_ISL_449591|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9A6E81/2020|2020-09-01|EPI_ISL_550091|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0725/2020|2020-05-19|EPI_ISL_698876|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH812/2020|2020-04-24|EPI_ISL_513261|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Wales/PHWC-496DAA/2020|2020-11-24|EPI_ISL_726727|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Norway/7103/2020|2020-12-18|EPI_ISL_775426|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Australia/VIC13790/2020|2020-09-13|EPI_ISL_563840|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Gambia/GC19-3192/2020|2020-07-27|EPI_ISL_561046|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Australia/VIC2283/2020|2020-06-26|EPI_ISL_522005|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG558317/2020|2020-07-29|EPI_ISL_695545|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A50B42/2020|2020-10-07|EPI_ISL_597546|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Taiwan/CGMH-CGU-20/2020|2020-03-18|EPI_ISL_424978|Vero E6|hCoV-19^^Taoyuan|Human|Laboratory Medicine|Department of Laboratory Medicine|Yi Chun|Taiwan

>Spike|hCoV-19/England/NORT-29637D/2020|2020-05-14|EPI_ISL_484268|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-6B5620/2020|2020-07-01|EPI_ISL_557969|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/NAQ-SC220/2020|2020-03-28|EPI_ISL_645171|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Greece/53/2020|2020-04-04|EPI_ISL_434466|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/QEUH-A02981/2020|2020-09-29|EPI_ISL_595845|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Austria/CeMM1010/2020|2020-03-26|EPI_ISL_583849|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-9FD243/2020|2020-10-02|EPI_ISL_587757|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42178995/2020|2020-03-06|EPI_ISL_527942|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/PORT-2CFD8C/2020|2020-05-06|EPI_ISL_461995|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03760/2020|2020-11-00|EPI_ISL_775070|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Australia/VIC16101/2020|2020-08-02|EPI_ISL_640836|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Colombia/RIS-INS-80245/2020|2020-03-16|EPI_ISL_456155|Original|hCoV-19^^Risaralda|Human|Instituto Nacional de Salud - Unidad de Secuenciación y Análisis Genómico|Instituto Nacional de Salud|Díaz|Colombia

>Spike|hCoV-19/Northern Ireland/NIRE-1016C0/2020|2020-04-30|EPI_ISL_482075|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1329/2020|2020-08-30|EPI_ISL_536700|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/WA-UW-45106/2020|2020-12-08|EPI_ISL_747217|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C04B78/2020|2020-12-04|EPI_ISL_720734|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC7F95/2020|2020-10-21|EPI_ISL_629520|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0463/2020|2020-03-30|EPI_ISL_480124|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14904/2020|2020-11-23|EPI_ISL_712056|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9655A7/2020|2020-08-11|EPI_ISL_531019|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A3342C/2020|2020-10-05|EPI_ISL_628379|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2160/2020|2020-03-18|EPI_ISL_604435|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Jordan/AM-ALSR-3994/2020|2020-10-03|EPI_ISL_636357|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Australia/WA390/2020|2020-10-18|EPI_ISL_605866|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Switzerland/BL-42243952/2020|2020-04-24|EPI_ISL_581918|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/BRIS-121CC8/2020|2020-03-18|EPI_ISL_440204|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Romania/ROSV_3376/2020|2020-04-20|EPI_ISL_491069|Original|hCoV-19^^Suceava|Human|Suceava County Emergency Hospital|\Stefan cel Mare\ University Metagenomics Lab|Lobiuc|Romania

>Spike|hCoV-19/Denmark/DCGC-15569/2020|2020-11-23|EPI_ISL_713900|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-201130464/2020|2020-06-19|EPI_ISL_640281|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CT-UW-5073/2020|2020-04-06|EPI_ISL_429645|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B84995/2020|2020-11-14|EPI_ISL_675247|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B20B59/2020|2020-11-02|EPI_ISL_647525|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-2443/2020|2020-00-00|EPI_ISL_561248|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/204682067/2020|2020-11-12|EPI_ISL_693405|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Ukraine/203100357/2020|2020-05-08|EPI_ISL_512636|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/USA/TX-HMH-MCoV-11568/2020|2020-09-11|EPI_ISL_789980|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-169EDD/2020|2020-08-30|EPI_ISL_529710|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-04/2020|2020-04-03|EPI_ISL_436508|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC5071/2020|2020-07-19|EPI_ISL_519874|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-OHSU-0517/2020|2020-06-05|EPI_ISL_526096|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/India/TG-NGC-CDFD-18/2020|2020-05-27|EPI_ISL_466856|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH158/2020|2020-04-06|EPI_ISL_678117|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/CAMC-C994F5/2020|2020-12-17|EPI_ISL_762042|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-946ABC/2020|2020-07-14|EPI_ISL_556957|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA6DAF/2020|2020-12-18|EPI_ISL_761417|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-138/2020|2020-04-12|EPI_ISL_427445|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-ACFEBE/2020|2020-10-22|EPI_ISL_652143|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-77DB2/2020|2020-04-01|EPI_ISL_440831|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Singapore/971/2020|2020-03-21|EPI_ISL_548979|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-B02285/2020|2020-10-24|EPI_ISL_642958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7AC7B/2020|2020-11-12|EPI_ISL_723954|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29B1F/2020|2020-04-02|EPI_ISL_474241|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/OY-NVRL-73IRL30167/2020|2020-09-07|EPI_ISL_578318|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Iceland/30/2020|2020-03-03|EPI_ISL_417773|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Singapore/672/2020|2020-06-23|EPI_ISL_498570|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/TX-QDX-188/2020|2020-04-27|EPI_ISL_494543|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Zimbabwe/ZW-9947/2020|2020-06-01|EPI_ISL_644818|Original|hCoV-19^^Zimbabwe|Human|National Microbiology Reference Laboratory|Quadram Institute Bioscience|Alikhan|Zimbabwe

>Spike|hCoV-19/USA/MI-UM-10036592138/2020|2020-10-23|EPI_ISL_650012|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUH-A02954/2020|2020-09-29|EPI_ISL_584937|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUH-9C9E2E/2020|2020-09-10|EPI_ISL_567337|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201180391/2020|2020-03-12|EPI_ISL_464907|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C5CADE/2020|2020-12-14|EPI_ISL_757039|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A1F4C/2020|2020-12-14|EPI_ISL_743833|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9528E0/2020|2020-06-12|EPI_ISL_553947|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14454/2020|2020-11-30|EPI_ISL_711184|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0079v1/2020|2020-04-13|EPI_ISL_644212|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Indonesia/SU-NIHRD-PME4745/2020|2020-00-00|EPI_ISL_538500|Original|hCoV-19^^North Sumatra|Human|RS Prima Husada Cipta Medan North Sumatra|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/England/CAMC-B217AF/2020|2020-11-02|EPI_ISL_647211|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4515/2020|2020-07-16|EPI_ISL_518926|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-126040D/2020|2020-03-16|EPI_ISL_524671|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A9F96B/2020|2020-10-19|EPI_ISL_650444|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUH-B3FA3C/2020|2020-11-08|EPI_ISL_658466|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4340/2020|2020-07-00|EPI_ISL_692568|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/QC-LSPQ-L00243673/2020|2020-03-31|EPI_ISL_536369|Original|hCoV-19^^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-94E7DB/2020|2020-06-20|EPI_ISL_555003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E9304/2020|2020-04-27|EPI_ISL_453591|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-4465/2020|2020-07-00|EPI_ISL_692688|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/VC-FISABIO-471/2020|2020-03-26|EPI_ISL_447471|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/QEUH-BA116D/2020|2020-11-18|EPI_ISL_672860|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14786/2020|2020-11-23|EPI_ISL_711980|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-117E38/2020|2020-10-25|EPI_ISL_627673|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1817/2020|2020-04-08|EPI_ISL_613906|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-1AC17B/2020|2020-04-27|EPI_ISL_444379|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah190/2020|2020-04-06|EPI_ISL_437707|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/CA-CZB-10822/2020|2020-07-13|EPI_ISL_583072|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/India/WB-IK81/2020|2020-05-17|EPI_ISL_511905|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National

Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India
>Spike|hCoV-19/USA/CA-CZB-1484/2020|2020-05-01|EPI_ISL_468435|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA
>Spike|hCoV-19/Australia/QLD978/2020|2020-04-01|EPI_ISL_530229|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia
>Spike|hCoV-19/England/20139066504/2020|2020-03-28|EPI_ISL_465855|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/England/ALDP-5D0189/2020|2020-06-19|EPI_ISL_558534|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-B88B22/2020|2020-11-14|EPI_ISL_675921|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-9E6D5B/2020|2020-09-24|EPI_ISL_580427|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NY-Wadsworth-276906-01/2020|2020-11-18|EPI_ISL_754582|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/GSTT-265DAA0/2020|2020-03-27|EPI_ISL_484059|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom
>Spike|hCoV-19/USA/ID-QDX-683/2020|2020-03-16|EPI_ISL_571430|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/CA-CZB-6997/2020|2020-08-04|EPI_ISL_582924|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/USA/WI-UW-2015/2020|2020-10-06|EPI_ISL_677422|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMC-B229E4/2020|2020-11-02|EPI_ISL_647357|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-C40E3B/2020|2020-12-10|EPI_ISL_719253|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Peru/ARE-INS-072/2020|2020-03-18|EPI_ISL_523979|Original|hCoV-19^^Arequipa|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru
>Spike|hCoV-19/Belgium/regal-12111322/2020|2020-12-11|EPI_ISL_738375|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium
>Spike|hCoV-19/England/QEUEH-9B8F7A/2020|2020-09-09|EPI_ISL_549662|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-DSHS-1266/2020|2020-06-16|EPI_ISL_644207|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/England/QEUEH-9FF539/2020|2020-10-02|EPI_ISL_600256|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Singapore/282/2020|2020-04-09|EPI_ISL_462400|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/BIRM-5E2D0/2020|2020-04-16|EPI_ISL_444282|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3917/2020|2020-03-27|EPI_ISL_427208|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-7771/2020|2020-10-19|EPI_ISL_618680|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-22384/2020|2020-12-14|EPI_ISL_757529|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11336/2020|2020-08-29|EPI_ISL_563333|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7356/2020|2020-06-29|EPI_ISL_546701|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/853/2020|2020-08-21|EPI_ISL_527362|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-9DFA30/2020|2020-09-20|EPI_ISL_638142|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC323/2020|2020-03-24|EPI_ISL_420014|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMC-C46FE7/2020|2020-12-10|EPI_ISL_718757|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW937/2020|2020-08-31|EPI_ISL_545009|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-BBA073/2020|2020-11-20|EPI_ISL_701937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1926/2020|2020-07-28|EPI_ISL_613840|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-1AD0C8/2020|2020-04-29|EPI_ISL_447965|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-7146S/2020|2020-05-14|EPI_ISL_569745|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUH-95F740/2020|2020-08-08|EPI_ISL_532283|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134059604/2020|2020-03-24|EPI_ISL_423144|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25B31/2020|2020-03-24|EPI_ISL_422218|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0544/2020|2020-06-16|EPI_ISL_525839|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-16B5B8/2020|2020-09-17|EPI_ISL_573875|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10D1D59/2020|2020-12-17|EPI_ISL_727950|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AD4144/2020|2020-10-26|EPI_ISL_649730|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2757/2020|2020-06-27|EPI_ISL_582862|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-BAA0D0/2020|2020-11-18|EPI_ISL_783251|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99EBC/2020|2020-11-15|EPI_ISL_673575|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0266/2020|2020-04-22|EPI_ISL_452839|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Canada/NS-NML-905/2020|2020-03-21|EPI_ISL_579554|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Czech Republic/NRL_8496/2020|2020-08-31|EPI_ISL_577638|Original|hCoV-19^^Central Bohemia Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Germany/BY-ER-1/2020|2020-03-00|EPI_ISL_610249|Vero B4 P2|hCoV-19^^Bavaria|Human|Virologisches Institut|Virologisches Institut|Ensser|Germany

>Spike|hCoV-19/Germany/NW-MPP-3/2020|2020-05-25|EPI_ISL_487419|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00fcnter|Germany

>Spike|hCoV-19/England/QEUH-C5BF3A/2020|2020-12-14|EPI_ISL_769396|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2A194/2020|2020-04-05|EPI_ISL_445535|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2814/2020|2020-09-01|EPI_ISL_667323|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-B63C57/2020|2020-11-08|EPI_ISL_655441|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547325/2020|2020-07-06|EPI_ISL_695481|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A2DFAC/2020|2020-10-06|EPI_ISL_586920|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0723/2020|2020-05-13|EPI_ISL_584126|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-UCLA-77/2020|2020-03-17|EPI_ISL_537598|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Japan/PG-3155/2020|2020-06-00|EPI_ISL_691275|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/203690361/2020|2020-09-05|EPI_ISL_534728|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B09646/2020|2020-10-30|EPI_ISL_673123|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1555/2020|2020-05-10|EPI_ISL_456594|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3514/2020|2020-06-00|EPI_ISL_691770|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4938AC/2020|2020-11-29|EPI_ISL_725952|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0713/2020|2020-03-30|EPI_ISL_509771|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/CVR5710/2020|2020-11-07|EPI_ISL_650451|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-C45258/2020|2020-12-10|EPI_ISL_719300|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10227/2020|2020-05-16|EPI_ISL_498133|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/FL-BPHL-1519/2020|2020-07-27|EPI_ISL_568617|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-3575/2020|2020-08-31|EPI_ISL_616903|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-4765/2020|2020-03-28|EPI_ISL_461403|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/New Zealand/20CV0589/2020|2020-11-18|EPI_ISL_661263|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Australia/WA200/2020|2020-04-15|EPI_ISL_596763|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/QEUH-AF3EA2/2020|2020-10-30|EPI_ISL_662939|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3732/2020|2020-05-27|EPI_ISL_636173|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUH-9D15C4/2020|2020-09-14|EPI_ISL_577380|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11096/2020|2020-12-16|EPI_ISL_737345|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/NORT-29DBD8/2020|2020-05-07|EPI_ISL_484311|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/OXON-B3048/2020|2020-04-18|EPI_ISL_534834|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13668/2020|2020-08-20|EPI_ISL_788766|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-163170/2020|2020-05-30|EPI_ISL_473255|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB4550/2020|2020-05-06|EPI_ISL_493905|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH019/2020|2020-03-04|EPI_ISL_515912|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Wales/PHWC-49E689/2020|2020-12-07|EPI_ISL_743031|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C9D6/2020|2020-03-31|EPI_ISL_474314|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-16FC0A/2020|2020-03-21|EPI_ISL_489635|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8CA5E/2020|2020-11-13|EPI_ISL_675927|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001090/2020|2020-03-27|EPI_ISL_452596|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-4A6651/2020|2020-12-17|EPI_ISL_765056|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009630/2020|2020-07-19|EPI_ISL_605306|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Sweden/20-50144/2020|2020-03-04|EPI_ISL_454884|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Finland/S3CB11/2020|2020-10-30|EPI_ISL_732643|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUA-9A406F/2020|2020-09-01|EPI_ISL_540159|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E0FE2/2020|2020-09-20|EPI_ISL_580873|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1221C8/2020|2020-03-22|EPI_ISL_440033|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Chile/MA-194111-B/2020|2020-09-27|EPI_ISL_746524|Original|hCoV-19^^Magallanes|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/QEUA-B7E907/2020|2020-11-14|EPI_ISL_667987|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-0105/2020|2020-03-13|EPI_ISL_417929|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio Hermes Pardini|Bioinformatics Laboratory - LNCC|Almeida|Brazil

>Spike|hCoV-19/Italy/VEN-IZSve-12666/2020|2020-06-11|EPI_ISL_636465|Original|hCoV-19^^Veneto|Human|ULSS6 Euganea|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/USA/TX-HMH-6911/2020|2020-06-25|EPI_ISL_546344|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DCC4E9/2020|2020-11-25|EPI_ISL_724512|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0EE9/2020|2020-11-20|EPI_ISL_705131|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6940F/2020|2020-10-12|EPI_ISL_609068|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FC33B/2020|2020-04-12|EPI_ISL_470058|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008860/2020|2020-05-26|EPI_ISL_524978|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/India/DL-NCDC2200-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482549|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/USA/CA-CZB0705/2020|2020-03-23|EPI_ISL_429024|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Singapore/592/2020|2020-06-26|EPI_ISL_483615|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/BRIS-12B5D2/2020|2020-05-20|EPI_ISL_487604|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483AE5/2020|2020-10-22|EPI_ISL_627894|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-QDX-127/2020|2020-03-13|EPI_ISL_467851|Original|hCoV-19^^Massachusetts|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/SHEF-C29B4/2020|2020-11-13|EPI_ISL_680125|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1688/2020|2020-04-08|EPI_ISL_560775|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Australia/VIC2623/2020|2020-06-30|EPI_ISL_521469|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-4900/2020|2020-09-21|EPI_ISL_621586|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Hungary/UD-57949/2020|2020-08-31|EPI_ISL_671437|Original|hCoV-19^^Hajd\u00fa-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/UT-UPHL-2012731966/2020|2020-11-25|EPI_ISL_746898|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Wales/PHWC-347E0/2020|2020-04-16|EPI_ISL_446977|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-D1E2C/2020|2020-04-02|EPI_ISL_432642|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/AZ-TG532051/2020|2020-07-01|EPI_ISL_695399|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/SHEF-D1A0A/2020|2020-10-18|EPI_ISL_613401|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9E5ADD/2020|2020-09-24|EPI_ISL_589551|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1371/2020|2020-06-30|EPI_ISL_648722|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-BC788A/2020|2020-11-22|EPI_ISL_721209|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5128/2020|2020-09-21|EPI_ISL_621666|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1466/2020|2020-05-21|EPI_ISL_495916|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-9F9960/2020|2020-09-26|EPI_ISL_589054|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LCST-24D6F2A/2020|2020-06-13|EPI_ISL_484251|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-569D72/2020|2020-06-10|EPI_ISL_558284|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19452/2020|2020-11-30|EPI_ISL_783848|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/KA-IB7/2020|2020-06-17|EPI_ISL_508335|Original|hCoV-19^^Karnataka|Human|Indian Institute of Science|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/BRIS-125C5B/2020|2020-03-29|EPI_ISL_443967|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B4E9F/2020|2020-09-03|EPI_ISL_590266|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1652/2020|2020-04-06|EPI_ISL_433643|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11172/2020|2020-11-02|EPI_ISL_670436|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-96E22F/2020|2020-08-20|EPI_ISL_530599|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5273/2020|2020-06-19|EPI_ISL_544643|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13508/2020|2020-08-22|EPI_ISL_788635|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204441528/2020|2020-10-18|EPI_ISL_622884|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20937/2020|2020-12-21|EPI_ISL_759458|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000914/2020|2020-03-20|EPI_ISL_632975|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/CVR811/2020|2020-03-27|EPI_ISL_433346|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL510/2020|2020-06-23|EPI_ISL_578914|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-6292/2020|2020-07-00|EPI_ISL_689403|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-482A04/2020|2020-10-21|EPI_ISL_613259|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC3081/2020|2020-07-10|EPI_ISL_520788|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-8240/2020|2020-08-00|EPI_ISL_687339|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16626/2020|2020-11-16|EPI_ISL_714878|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-96B0EC/2020|2020-08-18|EPI_ISL_534668|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6462/2020|2020-10-12|EPI_ISL_620362|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-22605/2020|2020-12-14|EPI_ISL_757667|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B2207/2020|2020-04-20|EPI_ISL_479128|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20965/2020|2020-04-06|EPI_ISL_507753|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-12962/2020|2020-12-07|EPI_ISL_712491|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Jordan/AM-ALSR-3930/2020|2020-09-30|EPI_ISL_636295|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Uganda/UG025/2020|2020-05-02|EPI_ISL_737949|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/Japan/PG-0967/2020|2020-04-00|EPI_ISL_684577|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/GJ-GBRC20/2020|2020-04-26|EPI_ISL_437449|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Singapore/1434/2020|2020-11-30|EPI_ISL_693322|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-166D2E/2020|2020-06-27|EPI_ISL_494106|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AC76FA/2020|2020-10-19|EPI_ISL_630088|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9C941D/2020|2020-09-10|EPI_ISL_567277|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D5065/2020|2020-09-19|EPI_ISL_577386|Original|hCoV-19^^Wales|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-9FB60D/2020|2020-09-29|EPI_ISL_600606|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BFB9A8/2020|2020-12-04|EPI_ISL_709117|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0041/2020|2020-05-17|EPI_ISL_698250|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Switzerland/GE-SNRCI-8927/2020|2020-03-00|EPI_ISL_548233|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/MILK-AB85D1/2020|2020-10-21|EPI_ISL_623671|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L5-CAMPI102/2020|2020-04-25|EPI_ISL_476408|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Sabino|Brazil

>Spike|hCoV-19/England/CAMB-781E2/2020|2020-04-05|EPI_ISL_433705|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648632/2020|2020-04-29|EPI_ISL_695868|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/LA-EVTL448/2020|2020-06-19|EPI_ISL_578852|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-B7493E/2020|2020-11-12|EPI_ISL_662068|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42186504/2020|2020-03-11|EPI_ISL_528009|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/TX-HMH-2661/2020|2020-06-06|EPI_ISL_545459|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A099A/2020|2020-12-10|EPI_ISL_743521|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-CB1020/2020|2020-12-04|EPI_ISL_760904|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29546C/2020|2020-04-01|EPI_ISL_478637|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E938/2020|2020-11-13|EPI_ISL_680934|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C48BE1/2020|2020-12-12|EPI_ISL_736647|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D368C/2020|2020-03-31|EPI_ISL_440971|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4856B2/2020|2020-10-26|EPI_ISL_628206|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CBB3/2020|2020-12-10|EPI_ISL_731809|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B943C1/2020|2020-11-14|EPI_ISL_676268|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B63BD2/2020|2020-11-08|EPI_ISL_656517|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000863/2020|2020-03-25|EPI_ISL_632239|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-AB8049/2020|2020-10-21|EPI_ISL_623227|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CC89F/2020|2020-10-11|EPI_ISL_611545|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1536/2020|2020-04-13|EPI_ISL_678104|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Iceland/483/2020|2020-03-20|EPI_ISL_424506|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Australia/NSW555/2020|2020-03-29|EPI_ISL_455094|Original|hCoV-19^^New South Wales|Human|Pathology Sydney South West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/India/GJ-GBRC305a/2020|2020-06-15|EPI_ISL_495054|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/FL-BPHL-1756/2020|2020-10-02|EPI_ISL_613749|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-4265/2020|2020-07-00|EPI_ISL_692495|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-3633/2020|2020-08-31|EPI_ISL_616404|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-3059/2020|2020-08-04|EPI_ISL_635821|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-S2626/2020|2020-06-19|EPI_ISL_497258|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUH-A61D48/2020|2020-10-13|EPI_ISL_628650|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020315157/2020|2020-08-27|EPI_ISL_732705|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/PORT-2D4D93/2020|2020-00-00|EPI_ISL_706870|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WI-QDX-789/2020|2020-03-20|EPI_ISL_571570|Original|hCoV-19^^Wisconsin|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A95AAE/2020|2020-10-19|EPI_ISL_624663|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-46/2020|2020-03-16|EPI_ISL_421516|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/France/ARA-22132/2020|2020-04-08|EPI_ISL_508997|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/MILK-9A699F/2020|2020-09-01|EPI_ISL_581383|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1269/2020|2020-03-22|EPI_ISL_693271|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/20119030804/2020|2020-03-14|EPI_ISL_465042|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB0139/2020|2020-04-08|EPI_ISL_429031|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUEH-96DE86/2020|2020-08-18|EPI_ISL_530531|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20414/2020|2020-03-15|EPI_ISL_452288|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MA-MASPHL-00326/2020|2020-04-27|EPI_ISL_693191|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Russia/MOW-RII-MH1989S/2020|2020-05-25|EPI_ISL_596333|Original|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Germany/BW-UT-021/2020|2020-05-20|EPI_ISL_508698|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|Institut f\u00fcr Virologie und Epidemiologie der Viruskrankheiten|NGS Competence Center T\u00fcbingen|Angelov|Germany

>Spike|hCoV-19/England/ALDP-4A4574/2020|2020-06-03|EPI_ISL_559475|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003079/2020|2020-03-14|EPI_ISL_538016|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/VC-FISABIO-613/2020|2020-03-31|EPI_ISL_447531|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-C517C3/2020|2020-12-07|EPI_ISL_769744|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-122/2020|2020-04-27|EPI_ISL_482386|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/USA/LA-EVTL1149/2020|2020-12-09|EPI_ISL_768418|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16238/2020|2020-10-28|EPI_ISL_785922|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/WB-IICB-036/2020|2020-10-29|EPI_ISL_661309|Original|hCoV-19^^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India

>Spike|hCoV-19/England/ALDP-A4FE3E/2020|2020-10-07|EPI_ISL_597555|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C00602/2020|2020-12-02|EPI_ISL_720895|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012411/2020|2020-11-16|EPI_ISL_780065|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/UT-UPHL-2012214216/2020|2020-08-13|EPI_ISL_746158|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Sweden/20-52900/2020|2020-09-15|EPI_ISL_766627|Original|hCoV-19^^Stockholm|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Netherlands/NA_38/2020|2020-03-13|EPI_ISL_422799|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-4637/2020|2020-07-00|EPI_ISL_689774|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B3F7BD/2020|2020-11-08|EPI_ISL_658519|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EAD57/2020|2020-09-24|EPI_ISL_579982|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1464/2020|2020-12-12|EPI_ISL_728200|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMB-1BBAAB/2020|2020-11-18|EPI_ISL_679187|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR1444/2020|2020-04-01|EPI_ISL_433589|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LIVE-DC6DF3/2020|2020-11-24|EPI_ISL_705315|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-318/2020|2020-10-05|EPI_ISL_632650|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-99317F/2020|2020-08-27|EPI_ISL_552080|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B425AE/2020|2020-11-08|EPI_ISL_657222|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20956/2020|2020-12-21|EPI_ISL_759472|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-47E0CD/2020|2020-09-26|EPI_ISL_595404|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-B00D2/2020|2020-04-18|EPI_ISL_478854|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC6886/2020|2020-07-11|EPI_ISL_564116|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-CEAF1/2020|2020-08-04|EPI_ISL_517568|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Israel/CVL-nL6/2020|2020-03-00|EPI_ISL_435291|Original|hCoV-19^^Israel|Human|Central Virology Laboratory|Central Virology Laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/ALDP-A86062/2020|2020-10-17|EPI_ISL_610323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-128432/2020|2020-04-16|EPI_ISL_469616|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3662/2020|2020-04-00|EPI_ISL_691915|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/0195/2020|2020-05-18|EPI_ISL_698381|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-ACE6B7/2020|2020-10-21|EPI_ISL_629460|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0174/2020|2020-06-03|EPI_ISL_534711|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Singapore/122/2020|2020-03-18|EPI_ISL_443214|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Japan/PG-5812/2020|2020-08-00|EPI_ISL_688929|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/1057/2020|2020-06-11|EPI_ISL_698132|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUA-9F581C/2020|2020-09-25|EPI_ISL_588429|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A658BC/2020|2020-10-11|EPI_ISL_608546|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/G-40/2020|2020-03-26|EPI_ISL_600564|Original|hCoV-19^^Dhaka|Human|Institute of Epidemiology Disease Control And Research|Institute for Developing Science and Health Initiatives|Cowley|Bangladesh

>Spike|hCoV-19/USA/CA-ALSR-3812/2020|2020-06-23|EPI_ISL_636217|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Singapore/214/2020|2020-03-06|EPI_ISL_462332|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/201380280/2020|2020-03-23|EPI_ISL_421828|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-C4605D/2020|2020-12-10|EPI_ISL_718338|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B71AC2/2020|2020-11-16|EPI_ISL_706316|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-171B62/2020|2020-03-30|EPI_ISL_524500|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-22117/2020|2020-09-23|EPI_ISL_660851|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Iceland/187/2020|2020-03-16|EPI_ISL_417551|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/South Africa/KRISP-K003380/2020|2020-09-09|EPI_ISL_602768|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-B62F31/2020|2020-11-08|EPI_ISL_655478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12912B/2020|2020-04-18|EPI_ISL_458792|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC2E04/2020|2020-12-21|EPI_ISL_778102|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9D2F89/2020|2020-09-18|EPI_ISL_577304|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/PA_4395/2020|2020-03-09|EPI_ISL_424885|Original|hCoV-19^^Pennsylvania|Human|PA Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Wales/PHWC-49111C/2020|2020-11-17|EPI_ISL_706613|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/201180055/2020|2020-03-12|EPI_ISL_464878|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-C8E763/2020|2020-12-15|EPI_ISL_777639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6312/2020|2020-07-23|EPI_ISL_518300|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-A22709/2020|2020-10-01|EPI_ISL_587617|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1176/2020|2020-08-15|EPI_ISL_569077|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-950E2C/2020|2020-06-14|EPI_ISL_554596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/N00108/2020|2020-06-11|EPI_ISL_623016|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Germany/HH-hpi-p2148/2020|2020-03-28|EPI_ISL_776380|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Nigeria/AK-CV274/2020|2020-07-25|EPI_ISL_729958|Original|hCoV-19^^Akwa-Ibom State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Spain/RI-IBV-006005/2020|2020-03-21|EPI_ISL_500436|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Russia/SVE-RII-MH184S/2020|2020-07-08|EPI_ISL_560309|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/ALAB-HH-123/2020|2020-03-11|EPI_ISL_452004|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Portugal/R1294/2020|2020-06-14|EPI_ISL_491274|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/England/LIVE-AA0AE/2020|2020-03-23|EPI_ISL_517398|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0784/2020|2020-05-22|EPI_ISL_590853|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Israel/2113256/2020|2020-04-14|EPI_ISL_447343|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/210100382/2021|2021-01-04|EPI_ISL_791260|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE1CE9/2020|2020-10-26|EPI_ISL_633519|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410222/2020|2020-12-14|EPI_ISL_737462|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Indonesia/JK-EIJK48/2020|2020-06-08|EPI_ISL_574617|Original|hCoV-19^^Jakarta|Human|RS Kramat 128|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/Japan/PG-4936/2020|2020-07-00|EPI_ISL_690056|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/QEUEH-96C92C/2020|2020-08-21|EPI_ISL_530646|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0396/2020|2020-05-19|EPI_ISL_698571|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-95ABA3/2020|2020-06-11|EPI_ISL_555731|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-1-17/2020|2020-04-28|EPI_ISL_523002|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-146/2020|2020-06-18|EPI_ISL_480427|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Bangladesh Council of Scientific and Industrial Research|Khan|Bangladesh

>Spike|hCoV-19/England/QEUEH-C5C7B9/2020|2020-12-14|EPI_ISL_735961|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E112/2020|2020-10-13|EPI_ISL_607066|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6029/2020|2020-05-07|EPI_ISL_487989|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/MILK-99A309/2020|2020-08-27|EPI_ISL_550299|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0061/2020|2020-05-09|EPI_ISL_517992|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-10081/2020|2020-11-09|EPI_ISL_669383|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BE-ETHZ-310504/2020|2020-10-08|EPI_ISL_603572|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-12003/2020|2020-06-22|EPI_ISL_671250|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A507A8/2020|2020-10-07|EPI_ISL_597540|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC405/2020|2020-09-24|EPI_ISL_580610|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2813B1/2020|2020-03-13|EPI_ISL_488758|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CAD494/2020|2020-12-20|EPI_ISL_761276|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-10105/2020|2020-00-00|EPI_ISL_547471|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/ID-QDX-607/2020|2020-03-18|EPI_ISL_571302|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/United Arab Emirates/0142/2020|2020-05-18|EPI_ISL_698329|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/France/NAQ-SC256/2020|2020-03-03|EPI_ISL_645177|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/QEUH-9DC16B/2020|2020-09-22|EPI_ISL_601126|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9D0273/2020|2020-09-14|EPI_ISL_589981|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3546/2020|2020-05-14|EPI_ISL_473681|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/ON-S2020/2020|2020-11-16|EPI_ISL_755806|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-C39EF9/2020|2020-12-09|EPI_ISL_731027|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205121210/2020|2020-00-00|EPI_ISL_766337|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-2B1C0/2020|2020-04-08|EPI_ISL_432378|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7C630/2020|2020-10-15|EPI_ISL_606562|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4624/2020|2020-07-00|EPI_ISL_689761|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Brazil/RJ-00347/2020|2020-04-24|EPI_ISL_623150|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/AZ-TG664490/2020|2020-04-20|EPI_ISL_696116|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-B838D5/2020|2020-11-14|EPI_ISL_675419|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/US-32381w/2020|2020-09-02|EPI_ISL_677746|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Wales/PHWC-4A5F0C/2020|2020-12-15|EPI_ISL_764982|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9CF75/2020|2020-04-06|EPI_ISL_449597|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Austria/CeMM0159/2020|2020-03-04|EPI_ISL_438005|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Scotland/CVR452/2020|2020-03-23|EPI_ISL_433297|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/201141524/2020|2020-03-02|EPI_ISL_464762|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-A1DA53/2020|2020-09-29|EPI_ISL_587307|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-280805-01/2020|2020-11-30|EPI_ISL_754506|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/New Zealand/20VR1992/2020|2020-00-00|EPI_ISL_579193|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/LA-EVTL04/2020|2020-04-13|EPI_ISL_435037|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/QEUH-9DD7C2/2020|2020-09-21|EPI_ISL_599691|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10822/2020|2020-09-01|EPI_ISL_563111|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A84A0C/2020|2020-10-18|EPI_ISL_610480|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4940/2020|2020-07-14|EPI_ISL_519314|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B24C43/2020|2020-11-04|EPI_ISL_646823|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-776B7/2020|2020-03-31|EPI_ISL_439501|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22143/2020|2020-10-20|EPI_ISL_614194|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Wales/PHWC-4881AF/2020|2020-10-28|EPI_ISL_639361|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT_8906/2020|2020-03-07|EPI_ISL_424890|Original|hCoV-19^^Utah|Human|UT-Unified State Labs|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-270216/2020|2020-08-30|EPI_ISL_541462|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Northern Ireland/NIRE-1051F8/2020|2020-04-01|EPI_ISL_472136|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47EA56/2020|2020-10-10|EPI_ISL_595542|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-1103A9/2020|2020-04-16|EPI_ISL_441508|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-1B71109/2020|2020-11-14|EPI_ISL_706303|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC7655/2020|2020-08-11|EPI_ISL_564555|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-QDX-2070/2020|2020-03-15|EPI_ISL_604385|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR1520/2020|2020-04-03|EPI_ISL_453010|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3470/2020|2020-08-31|EPI_ISL_616257|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S237/2020|2020-03-26|EPI_ISL_755827|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Spain/MD-IBV-004926/2020|2020-04-03|EPI_ISL_481102|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUH-A4BA6B/2020|2020-10-08|EPI_ISL_628506|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3028/2020|2020-09-02|EPI_ISL_635798|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20676/2020|2020-12-08|EPI_ISL_790745|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/NORT-2814FA/2020|2020-03-16|EPI_ISL_488779|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-360266/2020|2020-11-08|EPI_ISL_729235|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/NE-ETHZ-420666/2020|2020-12-24|EPI_ISL_768129|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-A33741/2020|2020-10-05|EPI_ISL_627280|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-3463/2020|2020-07-00|EPI_ISL_691573|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG568540/2020|2020-08-03|EPI_ISL_695562|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Thailand/CO63-332-3/2020|2020-03-14|EPI_ISL_450965|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/England/CAMC-C26BDA/2020|2020-12-07|EPI_ISL_782857|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9905/2020|2020-08-25|EPI_ISL_562687|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB1896/2020|2020-04-16|EPI_ISL_491616|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B27220/2020|2020-11-04|EPI_ISL_664390|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC5675/2020|2020-07-06|EPI_ISL_518482|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20119033504/2020|2020-03-12|EPI_ISL_465049|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1AA2E3/2020|2020-04-17|EPI_ISL_443676|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/EXET-13A743/2020|2020-11-11|EPI_ISL_665071|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1914/2020|2020-07-20|EPI_ISL_613742|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Netherlands/FL-EMC-31/2020|2020-10-23|EPI_ISL_632361|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-9564/2020|2020-11-09|EPI_ISL_669042|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21831/2020|2020-03-24|EPI_ISL_565874|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-7033/2020|2020-06-28|EPI_ISL_546451|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-1268/2020|2020-03-09|EPI_ISL_444838|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/MILK-9E1E20/2020|2020-09-20|EPI_ISL_581335|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACEA15/2020|2020-10-22|EPI_ISL_629507|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410104/2020|2020-12-14|EPI_ISL_737443|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B75A1C/2020|2020-11-12|EPI_ISL_664927|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-A7B385/2020|2020-10-14|EPI_ISL_607542|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204200167/2020|2020-10-09|EPI_ISL_609872|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10685C/2020|2020-05-10|EPI_ISL_501055|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B8139A/2020|2020-11-14|EPI_ISL_661685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124BD7/2020|2020-03-26|EPI_ISL_443979|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR2940/2020|2020-04-22|EPI_ISL_461600|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-S80/2020|2020-03-05|EPI_ISL_417133|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-AB78AC/2020|2020-10-21|EPI_ISL_623729|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10029/2020|2020-08-20|EPI_ISL_562769|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17413/2020|2020-12-14|EPI_ISL_750964|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-789BD/2020|2020-04-06|EPI_ISL_433801|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2658D/2020|2020-03-26|EPI_ISL_422346|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD154B/2020|2020-10-24|EPI_ISL_633884|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12A99B/2020|2020-04-29|EPI_ISL_458446|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH248S/2020|2020-08-10|EPI_ISL_733004|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Germany/HH-hpi-p1311/2020|2020-03-21|EPI_ISL_775853|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-4667/2020|2020-09-14|EPI_ISL_621899|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-95E6F9/2020|2020-08-07|EPI_ISL_532538|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3022/2020|2020-05-30|EPI_ISL_543940|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-1277B2/2020|2020-04-01|EPI_ISL_469771|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D75BF/2020|2020-09-18|EPI_ISL_576569|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B303F4/2020|2020-11-04|EPI_ISL_659890|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B12291/2020|2020-11-02|EPI_ISL_642219|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1932/2020|2020-05-04|EPI_ISL_622526|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/ABR-IZSGC-TE6577/2020|2020-03-24|EPI_ISL_429234|Original|hCoV-19^^Abruzzo|Human|Ospedale Civile Giuseppe Mazzini|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G. Caporale\|Lorusso|Italy

>Spike|hCoV-19/Japan/PG-1011/2020|2020-03-00|EPI_ISL_684621|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-7823/2020|2020-10-19|EPI_ISL_618763|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3B765/2020|2020-12-11|EPI_ISL_731208|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14114/2020|2020-11-30|EPI_ISL_711577|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/UT-63116-CSIR-IGIB/2020|2020-08-05|EPI_ISL_636829|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/South Africa/N00115/2020|2020-06-25|EPI_ISL_622974|Original|hCoV-19^^Mpumalanga|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Australia/WA451/2020|2020-03-29|EPI_ISL_708745|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/DCGC-11452/2020|2020-11-02|EPI_ISL_670929|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_11025311/2020|2020-04-00|EPI_ISL_467316|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/SHEF-C33D3/2020|2020-03-19|EPI_ISL_457598|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Hong Kong/VB20220907/2020|2020-10-18|EPI_ISL_760058|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/Japan/PG-7668/2020|2020-08-00|EPI_ISL_686770|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/QEUA-9E5150/2020|2020-09-24|EPI_ISL_601054|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-627/2020|2020-09-11|EPI_ISL_700262|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/LIVE-A438D/2020|2020-06-16|EPI_ISL_490419|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/205221138/2020|2020-12-22|EPI_ISL_766245|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-BAB6A0/2020|2020-11-18|EPI_ISL_681631|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-708951/2020|2020-06-30|EPI_ISL_557712|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04861/2020|2020-05-23|EPI_ISL_575181|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9E9C6A/2020|2020-09-24|EPI_ISL_580187|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3CFA9/2020|2020-11-02|EPI_ISL_704879|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008797/2020|2020-09-21|EPI_ISL_654148|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/United Arab Emirates/0700/2020|2020-05-15|EPI_ISL_698851|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Singapore/772/2020|2020-07-15|EPI_ISL_509382|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Wales/PHWC-4A4A0C/2020|2020-12-15|EPI_ISL_764757|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Tunisia/ADAGE-24763/2020|2020-11-08|EPI_ISL_712064|Original|hCoV-19^^Sfax|Human|Laboratoire de Microbiologie- CHU Habib Bourguiba \u2013 Sfax adresse|Laboratoire des Proc\u00e9s de Criblage Mol\u00e9culaire et Cellulaire-Centre de Biotechnologie de Sfax|Abid|Tunisia

>Spike|hCoV-19/England/MILK-9E1FC3/2020|2020-09-20|EPI_ISL_581320|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3406/2020|2020-05-07|EPI_ISL_456830|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4845/2020|2020-09-21|EPI_ISL_621530|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-1125ED/2020|2020-04-29|EPI_ISL_484402|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-A3EF4E/2020|2020-10-06|EPI_ISL_609768|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B38F/2020|2020-04-12|EPI_ISL_433947|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6854/2020|2020-10-12|EPI_ISL_619699|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-6469/2020|2020-10-12|EPI_ISL_620369|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2C675/2020|2020-03-31|EPI_ISL_445891|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC218/2020|2020-03-20|EPI_ISL_419913|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory

(VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia
>Spike|hCoV-19/England/QEUA-9D05C5/2020|2020-09-14|EPI_ISL_589908|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-1098/2020|2020-03-16|EPI_ISL_614616|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/DCGC-10687/2020|2020-11-02|EPI_ISL_670138|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Denmark/ALAB-SSI156/2020|2020-03-10|EPI_ISL_429372|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark
>Spike|hCoV-19/Australia/VIC10463/2020|2020-09-04|EPI_ISL_562920|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Netherlands/FR-RIVM-20199/2020|2020-11-29|EPI_ISL_723353|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands
>Spike|hCoV-19/Nigeria/BO-CV347/2020|2020-05-17|EPI_ISL_730012|Original|hCoV-19^^Borno State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria
>Spike|hCoV-19/Australia/VIC2316/2020|2020-06-24|EPI_ISL_522037|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/ALDP-A4FB28/2020|2020-10-07|EPI_ISL_597574|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/IC-0608/2021|2021-01-00|EPI_ISL_779694|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Wales/PHWC-30ED0/2020|2020-04-09|EPI_ISL_446376|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Wales/PHWC-48FB5F/2020|2020-11-10|EPI_ISL_681192|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/BIRM-6AAD9/2020|2020-11-11|EPI_ISL_651646|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-13427/2020|2020-08-23|EPI_ISL_788563|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Canada/BC_17548428/2020|2020-03-00|EPI_ISL_460614|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada
>Spike|hCoV-19/USA/MN-MDH-1484/2020|2020-03-21|EPI_ISL_518878|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/England/QEUA-AABC90/2020|2020-10-21|EPI_ISL_652819|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/England/LIVE-9B88A/2020|2020-04-22|EPI_ISL_440881|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-7031/2020|2020-10-12|EPI_ISL_619878|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Wales/PHWC-35C4A/2020|2020-04-27|EPI_ISL_474547|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG670200/2020|2020-04-30|EPI_ISL_696391|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMB-1BA3ED/2020|2020-11-11|EPI_ISL_664433|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C168F4/2020|2020-12-06|EPI_ISL_710683|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5830/2020|2020-07-22|EPI_ISL_518624|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15416/2020|2020-10-21|EPI_ISL_786900|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0498/2020|2020-04-03|EPI_ISL_569553|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-BB2BB6/2020|2020-11-19|EPI_ISL_702991|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/AC-NIHRD-C0057926/2020|2020-09-15|EPI_ISL_757287|Original|hCoV-19^^Aceh|Human|National Institute of Health Research and Development|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/Germany/NW-HHU-284/2020|2020-09-29|EPI_ISL_770759|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/TX-HMH-5685/2020|2020-06-26|EPI_ISL_546945|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-9A45CA/2020|2020-09-01|EPI_ISL_540152|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00206/2020|2020-03-27|EPI_ISL_460242|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/QEUH-96168A/2020|2020-08-03|EPI_ISL_537038|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B050A6/2020|2020-10-24|EPI_ISL_639008|Original|hCoV-19^^Wales|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20130/2020|2020-12-07|EPI_ISL_747673|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001200/2020|2020-11-02|EPI_ISL_683775|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/NY-Wadsworth-292964-01/2020|2020-12-28|EPI_ISL_769984|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MI-QDX-399/2020|2020-03-24|EPI_ISL_571138|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-1BCD29/2020|2020-12-01|EPI_ISL_764301|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1628/2020|2020-03-29|EPI_ISL_530224|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-6652/2020|2020-07-00|EPI_ISL_687764|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B94974/2020|2020-11-14|EPI_ISL_676276|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BDC9F8/2020|2020-11-26|EPI_ISL_709751|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-32135/2020|2020-11-07|EPI_ISL_661126|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Lithuania/C20-05-R16/2020|2020-05-21|EPI_ISL_560395|Original|hCoV-19^^Vilnius|Human|Vilnius University Hospital Santaros Klinikos|Institute of Biotechnology|Timinskas|Lithuania

>Spike|hCoV-19/USA/VA-DCLS-0683/2020|2020-04-18|EPI_ISL_500845|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Scotland/CVR4101/2020|2020-09-04|EPI_ISL_540805|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18503/2020|2020-11-19|EPI_ISL_784851|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-BA2AF8/2020|2020-11-18|EPI_ISL_672762|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0363/2020|2020-03-30|EPI_ISL_434955|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/1006/2020|2020-03-23|EPI_ISL_574490|VeroE6 P2|hCoV-19^^Singapore|Human|Programme in Emerging Infectious Diseases|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/PA-MGEL-00273/2020|2020-04-22|EPI_ISL_681996|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Japan/PG-8080/2020|2020-08-00|EPI_ISL_687181|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CDPH064/2020|2020-03-27|EPI_ISL_755036|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/ALDP-94EF1F/2020|2020-06-17|EPI_ISL_556203|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F918108/2020|2020-03-27|EPI_ISL_583995|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/CA-CZB-1995/2020|2020-04-30|EPI_ISL_486258|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Australia/VIC143/2020|2020-03-16|EPI_ISL_419840|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Ireland/D-NVRL-MPZ60412/2020|2020-04-30|EPI_ISL_767754|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/MILK-A7CD3B/2020|2020-10-13|EPI_ISL_606767|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5868/2020|2020-11-17|EPI_ISL_666058|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LIVE-AA25D/2020|2020-03-23|EPI_ISL_517425|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20122121504/2020|2020-03-17|EPI_ISL_465768|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EDB0/2020|2020-10-05|EPI_ISL_587051|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21795/2020|2020-12-21|EPI_ISL_758366|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-9451/2020|2020-07-03|EPI_ISL_781129|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17486/2020|2020-12-14|EPI_ISL_751018|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204981095/2020|2020-12-02|EPI_ISL_754355|Original|hCoV-19^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9942C6/2020|2020-08-26|EPI_ISL_551678|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22145/2020|2020-12-14|EPI_ISL_758583|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-137834/2020|2020-05-03|EPI_ISL_471987|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-C3CBE0/2020|2020-12-10|EPI_ISL_731828|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FF2A4/2020|2020-04-23|EPI_ISL_469854|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/26M7974/2020|2020-03-26|EPI_ISL_481623|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/NJ-NYUMC344/2020|2020-04-08|EPI_ISL_430371|Original|hCoV-19^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-AA3A61/2020|2020-10-22|EPI_ISL_624214|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DE18/2020|2020-10-06|EPI_ISL_586907|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC486/2020|2020-03-18|EPI_ISL_436734|Original|hCoV-19^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-1AF07B/2020|2020-04-29|EPI_ISL_459288|Original|hCoV-19^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000012/2020|2020-03-09|EPI_ISL_631510|Original|hCoV-19^New York|Human|New York Presbyterian/ Weill Cornell Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-6D4F7B/2020|2020-07-02|EPI_ISL_556161|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Denmark/AD6-Farm1/2020|2020-06-14|EPI_ISL_626345|Original|hCoV-19^Denmark|Neovison vison|Statens Serum Institute|Statens Serum Institute|Rasmussen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21303/2020|2020-12-21|EPI_ISL_759662|Original|hCoV-19^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-B6A4A3/2020|2020-11-11|EPI_ISL_662314|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7940/2020|2020-06-26|EPI_ISL_545725|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Greece/220_35357/2020|2020-03-18|EPI_ISL_437887|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/CAMC-B7AA26/2020|2020-11-12|EPI_ISL_741154|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22205/2020|2020-10-23|EPI_ISL_644373|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-A703BD/2020|2020-10-15|EPI_ISL_607869|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B77977/2020|2020-11-11|EPI_ISL_661741|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13363/2020|2020-11-30|EPI_ISL_712750|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-A781E8/2020|2020-10-14|EPI_ISL_638961|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D824/2020|2020-12-10|EPI_ISL_730829|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA52A3/2020|2020-10-21|EPI_ISL_625215|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00063/2020|2020-04-03|EPI_ISL_791560|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-11414/2020|2020-11-02|EPI_ISL_670903|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9F18E3/2020|2020-09-25|EPI_ISL_589685|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11738/2020|2020-10-26|EPI_ISL_671106|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7D2C2/2020|2020-10-13|EPI_ISL_606569|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B25116/2020|2020-11-04|EPI_ISL_646529|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1380/2020|2020-03-12|EPI_ISL_494571|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-08440/2020|2020-05-20|EPI_ISL_524215|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/LA-EVTL1252/2020|2020-12-02|EPI_ISL_778918|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-47FACE/2020|2020-10-06|EPI_ISL_612769|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2D0CB8/2020|2020-04-24|EPI_ISL_475272|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-309/2020|2020-05-23|EPI_ISL_523651|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-A30F4C/2020|2020-10-05|EPI_ISL_595848|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-671/2020|2020-09-30|EPI_ISL_632513|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/BL-ETHZ-380277/2020|2020-11-22|EPI_ISL_721785|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-8332/2020|2020-07-08|EPI_ISL_784337|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BBA3E3/2020|2020-11-21|EPI_ISL_701910|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DC-HP00799/2020|2020-04-12|EPI_ISL_511864|Original|hCoV-19^^District of Columbia|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Switzerland/GE-ETHZ-350276/2020|2020-10-30|EPI_ISL_728814|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-03008/2020|2020-04-30|EPI_ISL_509558|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01806/2020|2020-06-00|EPI_ISL_636950|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-6644/2020|2020-10-12|EPI_ISL_619546|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A9B765/2020|2020-10-20|EPI_ISL_611381|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1848261/2020|2020-11-01|EPI_ISL_740006|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-AE25A1/2020|2020-10-27|EPI_ISL_633512|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0828/2020|2020-10-15|EPI_ISL_700543|Original|hCoV-19^^Western Cape|Human|Great Brak River Clinic w/GBC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Scotland/EDB6328/2020|2020-06-01|EPI_ISL_473938|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1907/2020|2020-07-17|EPI_ISL_613768|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000992/2020|2020-08-31|EPI_ISL_633017|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LIVE-1DD7AC/2020|2020-10-03|EPI_ISL_612434|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-BC47F9/2020|2020-11-25|EPI_ISL_703608|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-390405/2020|2020-12-03|EPI_ISL_721971|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-DSHS-0354/2020|2020-06-13|EPI_ISL_538291|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-UW-32910/2020|2020-10-17|EPI_ISL_737097|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Netherlands/NA_699/2020|2020-04-16|EPI_ISL_461134|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MGH-00699/2020|2020-04-06|EPI_ISL_460268|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/ALDP-C3C861/2020|2020-12-10|EPI_ISL_731880|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012521294/2020|2020-09-22|EPI_ISL_746000|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-3409/2020|2020-06-14|EPI_ISL_544169|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC16733/2020|2020-08-08|EPI_ISL_663558|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DB9995/2020|2020-11-09|EPI_ISL_679382|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-834DC/2020|2020-04-15|EPI_ISL_443447|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-232/2020|2020-06-12|EPI_ISL_523212|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-UM-10036858924/2020|2020-11-09|EPI_ISL_728500|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-9FD4F2/2020|2020-10-01|EPI_ISL_587913|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2EA18F/2020|2020-00-00|EPI_ISL_665745|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB1CA/2020|2020-11-21|EPI_ISL_701856|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012637932/2020|2020-11-24|EPI_ISL_747001|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/QEUA-B6753A/2020|2020-11-11|EPI_ISL_662559|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010078/2020|2020-03-19|EPI_ISL_779750|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-DAE887/2020|2020-10-24|EPI_ISL_638023|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5379/2020|2020-06-26|EPI_ISL_544731|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4385/2020|2020-07-00|EPI_ISL_692612|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/DRC/3937/2020|2020-04-25|EPI_ISL_471398|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/England/OXON-B2DD9/2020|2020-03-30|EPI_ISL_534815|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/DL-59597-CSIR-IGIB/2020|2020-08-05|EPI_ISL_636816|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Denmark/DCGC-19268/2020|2020-12-07|EPI_ISL_748162|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-27271-01/2020|2020-03-23|EPI_ISL_676759|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-48E701/2020|2020-11-13|EPI_ISL_680900|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-110068/2020|2020-04-01|EPI_ISL_486497|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BL-UHB-42202619/2020|2020-03-22|EPI_ISL_418439|Original|hCoV-19^^Basel|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/NOTT-11DB2C/2020|2020-11-24|EPI_ISL_679935|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-248740-01/2020|2020-10-19|EPI_ISL_754716|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Brazil/SP-L33-CD859/2020|2020-04-22|EPI_ISL_722025|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/USA/UT-UPHL-2009511/2020|2020-07-19|EPI_ISL_605194|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Hong Kong/HKU-200723-099/2020|2020-07-09|EPI_ISL_497866|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Australia/VIC17985/2020|2020-08-22|EPI_ISL_779603|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/QEUEH-B118CD/2020|2020-11-02|EPI_ISL_642375|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4602/2020|2020-10-21|EPI_ISL_624352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B69608/2020|2020-11-11|EPI_ISL_654973|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2534/2020|2020-06-01|EPI_ISL_545366|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A8E99C/2020|2020-10-19|EPI_ISL_651369|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust

/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/USA/CA-CZB079/2020|2020-03-28|EPI_ISL_429005|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA
>Spike|hCoV-19/England/NORT-28953B/2020|2020-03-30|EPI_ISL_458597|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Brazil/SP-L2-CAMPI30/2020|2020-04-14|EPI_ISL_476337|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Faria|Brazil
>Spike|hCoV-19/Ireland/D-NVRL-20G35101/2020|2020-03-20|EPI_ISL_605129|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland
>Spike|hCoV-19/Scotland/EDB8572/2020|2020-10-20|EPI_ISL_651963|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom
>Spike|hCoV-19/England/LIVE-A3913/2020|2020-06-10|EPI_ISL_490390|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/USA/MI-UM-10036858527/2020|2020-11-09|EPI_ISL_728453|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/Aruba/AW-RIVM-10391/2020|2020-08-07|EPI_ISL_636517|Original|hCoV-19^^Aruba|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Aruba
>Spike|hCoV-19/Denmark/DCGC-14576/2020|2020-11-30|EPI_ISL_711849|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-B2479D/2020|2020-11-04|EPI_ISL_647085|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/South Korea/KCDC2739/2020|2020-07-16|EPI_ISL_522518|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea
>Spike|hCoV-19/England/ALDP-9DA22E/2020|2020-09-19|EPI_ISL_576857|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Wales/PHWC-497CF7/2020|2020-11-30|EPI_ISL_726963|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/England/CAMB-1B91F3/2020|2020-10-26|EPI_ISL_705546|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom
>Spike|hCoV-19/England/CAMC-A81CBE/2020|2020-10-12|EPI_ISL_610690|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-13149/2020|2020-11-30|EPI_ISL_712616|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/TX-HMH-MCoV-15237/2020|2020-10-20|EPI_ISL_786721|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Russia/Moscow_PMVL-3/2020|2020-05-05|EPI_ISL_470897|Vero E6|hCoV-19^^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|Pathogenic Microorganisms Variability Laboratory|Shchetinin|Russia
>Spike|hCoV-19/England/CAMB-1B908D/2020|2020-00-00|EPI_ISL_705511|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1979/2020|2020-04-17|EPI_ISL_653132|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-9FD182/2020|2020-10-02|EPI_ISL_587817|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CEBA7A/2020|2020-12-21|EPI_ISL_782235|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1537/2020|2020-08-03|EPI_ISL_527602|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-60EB38/2020|2020-07-06|EPI_ISL_557926|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-7720/2020|2020-10-27|EPI_ISL_681805|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/SC-DHEC-0776/2020|2020-06-26|EPI_ISL_538395|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/Wales/PHWC-169875/2020|2020-07-15|EPI_ISL_512524|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-33/2020|2020-03-15|EPI_ISL_467827|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV121/2020|2020-12-20|EPI_ISL_730637|Original|hCoV-19^^Zurich|Human|M\u00e4nnedorf Hospital|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/England/EXET-136A99/2020|2020-05-04|EPI_ISL_457246|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir4525/2020|2020-04-00|EPI_ISL_729405|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/20142002704/2020|2020-03-30|EPI_ISL_423424|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15409/2020|2020-10-22|EPI_ISL_786893|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B65ED7/2020|2020-11-10|EPI_ISL_655697|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA44A/2020|2020-11-21|EPI_ISL_701952|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09123/2020|2020-03-19|EPI_ISL_422498|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/CAMC-B21D34/2020|2020-11-02|EPI_ISL_645869|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n25947/2020|2020-07-20|EPI_ISL_514281|Original|hCoV-19^^Jerusalem District|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/France/PAC-IHU-0620/2020|2020-04-12|EPI_ISL_568893|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/MILK-A44B23/2020|2020-10-07|EPI_ISL_598737|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BB5236/2020|2020-11-21|EPI_ISL_710710|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4337/2020|2020-09-07|EPI_ISL_615537|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2381/2020|2020-05-31|EPI_ISL_514784|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUA-C53ECC/2020|2020-12-11|EPI_ISL_736321|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485C1A/2020|2020-10-25|EPI_ISL_628265|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2404691/2020|2020-10-26|EPI_ISL_740117|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MI-MDHHS-SC21342/2020|2020-04-02|EPI_ISL_507596|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC639/2020|2020-03-29|EPI_ISL_426935|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUA-9E4D5D/2020|2020-09-24|EPI_ISL_601081|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B55229/2020|2020-11-05|EPI_ISL_657927|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18284/2020|2020-12-07|EPI_ISL_749863|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-3662/2020|2020-03-07|EPI_ISL_417008|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Italy/LOM-UniMI06/2020|2020-02-24|EPI_ISL_779707|Original|hCoV-19^^Lombardy|Human|Laboratory of Infectious Diseases|Laboratory of Infectious Diseases|Lai|Italy

>Spike|hCoV-19/USA/TX-DSHS-1006/2020|2020-07-03|EPI_ISL_613976|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Portugal/PT0521/2020|2020-03-23|EPI_ISL_454245|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Belgium/regal-10151117/2020|2020-10-15|EPI_ISL_734495|Original|hCoV-19^^Overijse|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-SCCPHD-UC147/2020|2020-03-07|EPI_ISL_435626|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/Wales/MILK-9E29F1/2020|2020-09-20|EPI_ISL_581153|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29D288/2020|2020-05-04|EPI_ISL_499800|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C727/2020|2020-03-31|EPI_ISL_445902|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-003245/2020|2020-03-16|EPI_ISL_481039|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/India/MH-AFCO-14752/2020|2020-07-22|EPI_ISL_721629|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/CAMC-B2261A/2020|2020-11-01|EPI_ISL_645987|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A84B54/2020|2020-10-18|EPI_ISL_610291|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-29E5D9/2020|2020-05-02|EPI_ISL_493521|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/20170041404/2020|2020-04-17|EPI_ISL_465292|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9C700C/2020|2020-09-11|EPI_ISL_572942|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CCA3/2020|2020-09-26|EPI_ISL_574155|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11069/2020|2020-12-15|EPI_ISL_737320|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MN-QDX-1779/2020|2020-03-16|EPI_ISL_604091|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18543/2020|2020-11-20|EPI_ISL_784891|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/IGC4095/2020|2020-06-01|EPI_ISL_491228|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/Denmark/ALAB-SSI207/2020|2020-03-10|EPI_ISL_429404|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/CA-CSMC110/2020|2020-03-22|EPI_ISL_475586|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Canada/BC-BCCDC-8593/2020|2020-11-00|EPI_ISL_740840|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/USA/NY-PV08490/2020|2020-03-17|EPI_ISL_421426|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Japan/PG-0904/2020|2020-03-00|EPI_ISL_684514|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-14230/2020|2020-11-30|EPI_ISL_711642|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR2481/2020|2020-04-15|EPI_ISL_484591|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-4643/2020|2020-07-00|EPI_ISL_689780|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-12985/2020|2020-12-07|EPI_ISL_712509|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-CED049/2020|2020-12-20|EPI_ISL_782478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18818/2020|2020-12-07|EPI_ISL_748576|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-12690/2020|2020-08-31|EPI_ISL_790465|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC5631/2020|2020-07-16|EPI_ISL_518442|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-6152/2020|2020-06-22|EPI_ISL_547275|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-96314B/2020|2020-08-11|EPI_ISL_531546|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-954C2E/2020|2020-06-12|EPI_ISL_553395|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D42B/2020|2020-11-10|EPI_ISL_678898|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-AD2067/2020|2020-10-26|EPI_ISL_634101|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1866/2020|2020-05-27|EPI_ISL_496292|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUA-9CFE46/2020|2020-09-15|EPI_ISL_589960|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C52BD/2020|2020-09-10|EPI_ISL_567657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP310/2020|2020-03-27|EPI_ISL_483093|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Netherlands/ZH-EMC-690/2020|2020-09-25|EPI_ISL_632544|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC20707/2020|2020-04-27|EPI_ISL_471731|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-9C9B36/2020|2020-09-10|EPI_ISL_567352|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S274/2020|2020-03-08|EPI_ISL_430128|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC4061/2020|2020-07-10|EPI_ISL_519443|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14183/2020|2020-10-02|EPI_ISL_787468|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000583/2020|2020-03-09|EPI_ISL_632041|Original|hCoV-19^^New York|Human|New York Presbyterian Lower Manhattan|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-950EA4/2020|2020-06-14|EPI_ISL_554189|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6126/2020|2020-08-00|EPI_ISL_689238|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wuhan/HB-WH1-130/2020|2020-03-02|EPI_ISL_454909|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Wales/PHWC-48885F/2020|2020-11-03|EPI_ISL_639436|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9F8C2C/2020|2020-09-27|EPI_ISL_588961|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_21451231/2020|2020-04-00|EPI_ISL_477029|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Spain/VC-FISABIO-240/2020|2020-03-26|EPI_ISL_436335|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Wales/PHWC-493341/2020|2020-11-28|EPI_ISL_725871|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11085/2020|2020-12-15|EPI_ISL_737335|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Australia/VIC11030/2020|2020-08-03|EPI_ISL_563210|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A81F1F/2020|2020-10-13|EPI_ISL_610781|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9AECBC/2020|2020-08-31|EPI_ISL_572957|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Portugal/PT1859/2020|2020-11-13|EPI_ISL_732078|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-11491/2020|2020-11-02|EPI_ISL_670954|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-SR0383/2020|2020-04-27|EPI_ISL_458263|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Canada/NB-224/2020|2020-03-26|EPI_ISL_479640|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/USA/PA-MGEL-00005/2020|2020-03-26|EPI_ISL_681943|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/USA/FL-BPHL-1489/2020|2020-08-10|EPI_ISL_568587|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Singapore/913/2020|2020-02-20|EPI_ISL_538436|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/CAMC-CFD92D/2020|2020-12-23|EPI_ISL_781829|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6323/2020|2020-09-14|EPI_ISL_615823|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10551/2020|2020-10-23|EPI_ISL_626312|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-AC92D6/2020|2020-10-21|EPI_ISL_629191|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08552/2020|2020-05-18|EPI_ISL_524311|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/NL_72/2020|2020-03-19|EPI_ISL_482479|Original|hCoV-19^^Newfoundland and Labrador|Human|Public Health Laboratory|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/England/NORW-E703C/2020|2020-04-19|EPI_ISL_448998|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B22216/2020|2020-11-02|EPI_ISL_646128|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265DC04/2020|2020-03-28|EPI_ISL_484081|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8619/2020|2020-11-00|EPI_ISL_740855|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/QEUEH-C4BD15/2020|2020-12-14|EPI_ISL_736631|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-EMC-39/2020|2020-05-15|EPI_ISL_523408|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-QDX-1704/2020|2020-03-18|EPI_ISL_604039|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Singapore/849/2020|2020-06-14|EPI_ISL_518014|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/CAMB-75C5D/2020|2020-03-29|EPI_ISL_438304|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH6849S/2020|2020-11-13|EPI_ISL_733399|Original|hCoV-19^^Saint Petersburg|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Luxembourg/LNS6860551/2020|2020-12-28|EPI_ISL_770883|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B24F77/2020|2020-11-04|EPI_ISL_646770|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR248/2020|2020-03-20|EPI_ISL_433276|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21127/2020|2020-12-21|EPI_ISL_759568|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AA0220/2020|2020-10-20|EPI_ISL_611460|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C3481E/2020|2020-12-11|EPI_ISL_734138|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-180018/2020|2020-06-29|EPI_ISL_489966|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-10310/2020|2020-09-11|EPI_ISL_583028|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/EDB4454/2020|2020-05-06|EPI_ISL_461711|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Belgium/regal-12091379/2020|2020-12-09|EPI_ISL_738431|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Canada/Qc-L00241214/2020|2020-03-23|EPI_ISL_465700|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-1681F3/2020|2020-04-20|EPI_ISL_494212|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-13366/2020|2020-07-01|EPI_ISL_501144|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Kuwait/KU-2/2020|2020-05-10|EPI_ISL_746320|Original|hCoV-19^^Kuwait|Human|Mubarak Al-Kabeer Hospital|Virology Unit|Madi|Kuwait

>Spike|hCoV-19/England/LOND-1250EB7/2020|2020-11-05|EPI_ISL_665785|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC509/2020|2020-03-30|EPI_ISL_444626|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/CO-CDC-2-3713980/2020|2020-12-03|EPI_ISL_751575|Original|hCoV-19^^Colorado|Human|CO Dept. of Public Health and Environment|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Wales/ALDP-C3B440/2020|2020-12-08|EPI_ISL_767206|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53267/2020|2020-10-26|EPI_ISL_661291|Original|hCoV-19^^Vasternorrland|Human|Mikrobiologen|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/VIC5299/2020|2020-07-16|EPI_ISL_520062|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-5055/2020|2020-08-00|EPI_ISL_690166|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/OV-EMC-53/2020|2020-05-04|EPI_ISL_523437|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/NB-EMC-322/2020|2020-07-08|EPI_ISL_632775|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/ALAB-SSI-833/2020|2020-03-30|EPI_ISL_444929|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Switzerland/ZH-ETHZ-260087/2020|2020-08-25|EPI_ISL_539408|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A7ACB8/2020|2020-10-15|EPI_ISL_606800|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09449/2020|2020-03-09|EPI_ISL_450123|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/CAMC-BD1F00/2020|2020-11-28|EPI_ISL_702091|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2827/2020|2020-10-04|EPI_ISL_577597|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/MILK-B031A5/2020|2020-10-21|EPI_ISL_642851|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/KDA-RII-MH2773S/2020|2020-09-17|EPI_ISL_602443|Original|hCoV-19^^Krasnodar|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18106/2020|2020-11-17|EPI_ISL_784454|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Chile/RM-110981/2020|2020-06-25|EPI_ISL_746578|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Denmark/DCGC-16804/2020|2020-12-14|EPI_ISL_750574|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/IC-0024/2020|2020-04-00|EPI_ISL_591368|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B1A3D2/2020|2020-11-01|EPI_ISL_646117|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB3162/2020|2020-04-06|EPI_ISL_488967|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18598/2020|2020-12-07|EPI_ISL_750071|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012033033/2020|2020-11-30|EPI_ISL_779295|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Spain/PV-IBV-000855/2020|2020-03-11|EPI_ISL_452697|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/New Zealand/20VR2023/2020|2020-00-00|EPI_ISL_579210|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/QEUEH-B6A230/2020|2020-11-11|EPI_ISL_662599|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-1474/2020|2020-04-28|EPI_ISL_496343|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/England/205260452/2020|2020-12-21|EPI_ISL_754380|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B08805/2020|2020-10-29|EPI_ISL_643850|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-96CB26/2020|2020-08-21|EPI_ISL_530698|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48FD77/2020|2020-11-11|EPI_ISL_681225|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A9C9C/2020|2020-03-25|EPI_ISL_517346|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/GSTT-6754/2020|2020-03-30|EPI_ISL_560729|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/Australia/VIC9248/2020|2020-08-11|EPI_ISL_565464|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2E9C52/2020|2020-00-00|EPI_ISL_704587|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FAC8D/2020|2020-03-26|EPI_ISL_441765|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5127/2020|2020-06-21|EPI_ISL_544542|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9DD1E2/2020|2020-09-21|EPI_ISL_599813|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5147/2020|2020-09-10|EPI_ISL_567668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/TKYT22355/2020|2020-07-00|EPI_ISL_649127|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Ryota|Japan

>Spike|hCoV-19/England/LCST-24D732D/2020|2020-06-29|EPI_ISL_499979|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Gambia/NPHL-2729/2020|2020-07-23|EPI_ISL_561290|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Denmark/DCGC-9407/2020|2020-11-16|EPI_ISL_668956|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16AC0F/2020|2020-09-13|EPI_ISL_560171|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC_AR2/2020|2020-04-03|EPI_ISL_476512|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Brazil/SP-425/2020|2020-07-10|EPI_ISL_574594|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Escola da Universidade de Taubate|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Spain/PV-HUB-50066191/2020|2020-06-08|EPI_ISL_489835|Original|hCoV-19^^Basque Country|Human|Clinical Microbiology Laboratory- Basurto University Hospital|Biocruces-Bizkaia|Urrutikoetxea-Gutierrez|Spain

>Spike|hCoV-19/England/CAMB-7368E/2020|2020-03-22|EPI_ISL_440261|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0218/2020|2020-04-02|EPI_ISL_525779|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/NSW974/2020|2020-09-15|EPI_ISL_545046|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-A0B2F6/2020|2020-09-29|EPI_ISL_599144|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C8F9B/2020|2020-12-19|EPI_ISL_765159|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-2995A1/2020|2020-04-24|EPI_ISL_492459|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0665/2020|2020-06-16|EPI_ISL_525876|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Spain/MD-HLP-105-2/2020|2020-05-04|EPI_ISL_534331|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Chile/RM-167057/2020|2020-09-02|EPI_ISL_746496|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Denmark/DCGC-7719/2020|2020-10-19|EPI_ISL_618592|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/GA-QDX-2150/2020|2020-03-14|EPI_ISL_604450|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00232447/2020|2020-03-22|EPI_ISL_535987|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Rouyn-Noranda|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC21726/2020|2020-08-04|EPI_ISL_529845|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/ZE-EMC-65/2020|2020-00-00|EPI_ISL_523564|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/NA_217/2020|2020-03-26|EPI_ISL_422752|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC4840/2020|2020-00-00|EPI_ISL_519224|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-2092/2020|2020-07-23|EPI_ISL_653245|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9553/2020|2020-07-06|EPI_ISL_780155|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7A520/2020|2020-04-02|EPI_ISL_441326|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-962874/2020|2020-08-10|EPI_ISL_531482|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A674C5/2020|2020-10-12|EPI_ISL_630631|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13009/2020|2020-10-23|EPI_ISL_672298|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/SHEF-CF058/2020|2020-11-28|EPI_ISL_703660|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1801/2020|2020-03-23|EPI_ISL_424251|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Luxembourg/LNS3218144/2020|2020-10-26|EPI_ISL_740275|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/Gelderland_3/2020|2020-03-09|EPI_ISL_415463|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-CZB-9791/2020|2020-06-05|EPI_ISL_672178|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-CZB-14073/2020|2020-06-25|EPI_ISL_738876|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-DSHS-0517/2020|2020-06-23|EPI_ISL_560960|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21259/2020|2020-04-03|EPI_ISL_507514|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/203020502/2020|2020-07-09|EPI_ISL_500708|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC11183/2020|2020-07-29|EPI_ISL_563287|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BL-ETHZ-310383/2020|2020-10-08|EPI_ISL_603457|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-EC969/2020|2020-05-08|EPI_ISL_457572|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-002969/2020|2020-03-30|EPI_ISL_474957|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-78F24/2020|2020-04-02|EPI_ISL_440622|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-UW-5400/2020|2020-04-05|EPI_ISL_430906|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-0763/2020|2020-03-00|EPI_ISL_684373|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B77582/2020|2020-11-11|EPI_ISL_661781|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18098/2020|2020-12-14|EPI_ISL_749753|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2320/2020|2020-08-10|EPI_ISL_617657|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21395/2020|2020-03-23|EPI_ISL_507649|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/India/DL-69864-CSIR-IGIB/2020|2020-08-14|EPI_ISL_636771|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/USA/NY-WCMP10B08P/2020|2020-03-15|EPI_ISL_427559|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0362/2020|2020-12-19|EPI_ISL_733556|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/CA-CHLA-PLM31468132/2020|2020-11-02|EPI_ISL_753269|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-969/2020|2020-10-25|EPI_ISL_722548|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-7108/2020|2020-08-00|EPI_ISL_688213|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-000234/2020|2020-04-04|EPI_ISL_631763|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Poland/76078/2020|2020-11-00|EPI_ISL_732856|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/England/204841918/2020|2020-11-25|EPI_ISL_683584|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/GA-ISCI-201792/2020|2020-03-09|EPI_ISL_455328|Original|hCoV-19^^Galicia|Human|Complejo Hospitalario Universitario La Coruna|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/CAMB-7CDF9/2020|2020-04-05|EPI_ISL_442078|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Portugal/PT1252/2020|2020-03-17|EPI_ISL_511213|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Sweden/20-52356/2020|2020-07-07|EPI_ISL_648133|Original|hCoV-19^^Varmland|Human|Klinisk mikrobiologi centralsjukhuset Karlstad|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-BFCBED/2020|2020-12-02|EPI_ISL_720744|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10505/2020|2020-09-23|EPI_ISL_581667|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Portugal/PT1170/2020|2020-03-20|EPI_ISL_511716|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Portugal/PT1932/2020|2020-11-15|EPI_ISL_731906|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Gambia/GC19-3110/2020|2020-07-25|EPI_ISL_561165|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Denmark/DCGC-15996/2020|2020-11-23|EPI_ISL_714463|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NB-EMC-388/2020|2020-09-30|EPI_ISL_722310|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC7097/2020|2020-08-01|EPI_ISL_564228|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Ireland/D-NVRL-75IRL76096/2020|2020-10-13|EPI_ISL_671891|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Israel/2047604/2020|2020-03-29|EPI_ISL_447388|Original|hCoV-19^^North District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/BRIS-12DE8A/2020|2020-06-02|EPI_ISL_482005|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664543/2020|2020-04-20|EPI_ISL_696160|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/VA-DCLS-1762/2020|2020-09-09|EPI_ISL_644857|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-168F08/2020|2020-04-03|EPI_ISL_499366|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/TAS262/2020|2020-03-27|EPI_ISL_522690|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-1604F2/2020|2020-05-20|EPI_ISL_472944|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Saint Martin/IPG-7348/2020|2020-03-28|EPI_ISL_613448|Original|hCoV-19^^Saint Martin|Human|Institut Pasteur de la Guadeloupe|Institut Pasteur de la Guadeloupe|Enouf|Saint Martin

>Spike|hCoV-19/England/CAMC-B99001/2020|2020-11-15|EPI_ISL_673377|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204291054/2020|2020-10-15|EPI_ISL_622870|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM87172348/2020|2020-12-01|EPI_ISL_753562|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/MI-QDX-651/2020|2020-03-19|EPI_ISL_571374|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_Tanjima/2020|2020-06-28|EPI_ISL_774956|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Japan/NGY-NNH-023/2020|2020-03-31|EPI_ISL_636990|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-1036BF/2020|2020-04-17|EPI_ISL_489177|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20270/2020|2020-04-02|EPI_ISL_447068|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12187/2020|2020-09-21|EPI_ISL_789972|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-250105/2020|2020-08-20|EPI_ISL_535620|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/GSTT-265D3D2/2020|2020-03-18|EPI_ISL_483953|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD259/2020|2020-04-30|EPI_ISL_447982|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1075/2020|2020-04-24|EPI_ISL_526561|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Latvia/136/2020|2020-08-28|EPI_ISL_639633|Original|hCoV-19^^Latvia|Human|Centr\u001011\u00101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/England/EXET-1353F9/2020|2020-04-17|EPI_ISL_457056|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMB-78829/2020|2020-04-07|EPI_ISL_433778|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0333768/2020|2020-11-29|EPI_ISL_739759|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/LIVE-DB641F/2020|2020-11-07|EPI_ISL_650272|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1776/2020|2020-07-13|EPI_ISL_751541|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-2414/2020|2020-08-10|EPI_ISL_617596|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9AD039/2020|2020-09-05|EPI_ISL_560016|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-5539/2020|2020-08-00|EPI_ISL_688664|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/MILK-A69E5C/2020|2020-10-09|EPI_ISL_625411|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2213/2020|2020-12-02|EPI_ISL_770787|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/MILK-9A9264/2020|2020-09-01|EPI_ISL_550997|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4790/2020|2020-09-21|EPI_ISL_621400|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB2831/2020|2020-03-31|EPI_ISL_456900|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-103206/2020|2020-04-20|EPI_ISL_489358|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1350/2020|2020-04-00|EPI_ISL_684958|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC4350/2020|2020-07-14|EPI_ISL_519646|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-7ADDD/2020|2020-04-09|EPI_ISL_433877|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-6595/2020|2020-08-00|EPI_ISL_687707|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-99CAE4/2020|2020-08-31|EPI_ISL_550578|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16097/2020|2020-10-29|EPI_ISL_785781|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-7179/2020|2020-06-29|EPI_ISL_546574|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-15969/2020|2020-11-23|EPI_ISL_714511|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/KE-NVRL-73IRL29560/2020|2020-09-07|EPI_ISL_578298|Original|hCoV-19^^Kildare|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-4936FD/2020|2020-11-29|EPI_ISL_725929|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001919/2020|2020-03-17|EPI_ISL_467080|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Puerta del Mar de C\00ealdiz - INIBICA|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/UT-EMC-229/2020|2020-12-13|EPI_ISL_722767|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-1229/2020|2020-08-14|EPI_ISL_536602|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/NB-RIVM-20576/2020|2020-12-13|EPI_ISL_790660|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-B96022/2020|2020-11-13|EPI_ISL_676148|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94C47C/2020|2020-06-15|EPI_ISL_555987|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1240/2020|2020-12-17|EPI_ISL_768509|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-C4BCFA/2020|2020-12-14|EPI_ISL_736567|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL471/2020|2020-06-11|EPI_ISL_522402|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/Japan/PG-2354/2020|2020-04-00|EPI_ISL_685959|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-978477/2020|2020-07-30|EPI_ISL_526413|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-A6ABBE/2020|2020-10-09|EPI_ISL_608805|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18671/2020|2020-12-07|EPI_ISL_750116|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-93E0A6/2020|2020-06-21|EPI_ISL_553323|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-87F15C/2020|2020-07-25|EPI_ISL_532740|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_504/2020|2020-03-23|EPI_ISL_460677|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/New Zealand/20CV0169/2020|2020-08-25|EPI_ISL_548040|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Russia/StPetersburg-RII17949S/2020|2020-05-27|EPI_ISL_507283|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-20639/2020|2020-12-21|EPI_ISL_759268|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-0849/2020|2020-04-00|EPI_ISL_684459|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-AD2313/2020|2020-10-26|EPI_ISL_629923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201060018/2020|2020-03-03|EPI_ISL_464363|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009475/2020|2020-07-18|EPI_ISL_605160|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-14501/2020|2020-11-30|EPI_ISL_711800|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B11BC4/2020|2020-11-02|EPI_ISL_642381|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F5111/2020|2020-09-27|EPI_ISL_637307|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Canada/ON-E28/2020|2020-05-24|EPI_ISL_593506|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Germany/HH-hpi-p1813/2020|2020-03-22|EPI_ISL_776171|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Japan/PG-2524/2020|2020-05-00|EPI_ISL_690659|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/QC-LSPQ-L00235802/2020|2020-03-24|EPI_ISL_536109|Original|hCoV-19^^Quebec|Human|CSSS de Port-Cartier|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Slovenia/11172/2020|2020-03-22|EPI_ISL_635256|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/England/ALDP-AA0CB9/2020|2020-10-22|EPI_ISL_624911|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1157/2020|2020-03-31|EPI_ISL_639760|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/LIVE-DCC1E2/2020|2020-11-23|EPI_ISL_724494|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001119/2020|2020-10-21|EPI_ISL_671702|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-B88A07/2020|2020-11-14|EPI_ISL_675713|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-98F55C/2020|2020-08-28|EPI_ISL_568462|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A8BD75/2020|2020-10-16|EPI_ISL_643060|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-297/2020|2020-03-28|EPI_ISL_476526|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Scotland/EDB182/2020|2020-03-24|EPI_ISL_425928|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Ireland/LK-NVRL-78IRL70746/2020|2020-11-22|EPI_ISL_752542|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Japan/PG-8962/2020|2020-09-00|EPI_ISL_686508|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C618B/2020|2020-05-27|EPI_ISL_535059|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9550/2020|2020-11-09|EPI_ISL_669034|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Panama/339459/2020|2020-04-11|EPI_ISL_496893|Original|hCoV-19^^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Israel/51146500/2020|2020-04-05|EPI_ISL_447314|Original|hCoV-19^^Tel Aviv District|Human|Clinical Virology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/USA/NY-PV09356/2020|2020-03-16|EPI_ISL_450044|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Australia/VIC4826/2020|2020-07-17|EPI_ISL_519210|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1656/2020|2020-05-29|EPI_ISL_496082|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NY-NYUMC806/2020|2020-03-25|EPI_ISL_456042|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/United Arab Emirates/0339/2020|2020-05-19|EPI_ISL_708829|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Netherlands/ZH-EMC-1092/2020|2020-12-13|EPI_ISL_722772|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-787/2020|2020-03-30|EPI_ISL_614881|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49FA6E/2020|2020-12-09|EPI_ISL_743311|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20099072904/2020|2020-02-27|EPI_ISL_464225|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/SP-L14-CD232/2020|2020-03-26|EPI_ISL_476238|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/USA/NY-Wadsworth-285990-01/2020|2020-12-10|EPI_ISL_754544|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Scotland/EDB3654/2020|2020-04-27|EPI_ISL_473790|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-5980/2020|2020-08-00|EPI_ISL_689095|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-AD351C/2020|2020-10-26|EPI_ISL_633755|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2049/2020|2020-04-21|EPI_ISL_486293|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/ALDP-94F2D9/2020|2020-06-18|EPI_ISL_555992|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-958695/2020|2020-06-09|EPI_ISL_554621|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C32230/2020|2020-12-11|EPI_ISL_730860|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8331/2020|2020-08-14|EPI_ISL_564945|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BRIS-129695/2020|2020-03-31|EPI_ISL_458778|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA51A6/2020|2020-10-22|EPI_ISL_624100|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2A5CBC/2020|2020-10-03|EPI_ISL_584710|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-913/2020|2020-04-20|EPI_ISL_614733|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-EC671/2020|2020-05-10|EPI_ISL_457546|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-1ABCA8/2020|2020-04-20|EPI_ISL_470098|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BE9600/2020|2020-12-02|EPI_ISL_710648|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C329/2020|2020-04-18|EPI_ISL_472471|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F1C2/2020|2020-10-05|EPI_ISL_587018|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17784/2020|2020-12-14|EPI_ISL_749182|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CL-IBV-97006242/2020|2020-04-15|EPI_ISL_537616|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-21353/2020|2020-12-21|EPI_ISL_759696|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-531/2020|2020-00-00|EPI_ISL_577959|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Germany/HH-hpi-p1798/2020|2020-03-19|EPI_ISL_775830|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/mink/Netherlands/NB-EMC-8-11/2020|2020-06-01|EPI_ISL_523113|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB6435/2020|2020-04-21|EPI_ISL_487797|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-QDX-2274/2020|2020-03-16|EPI_ISL_604522|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-7F707/2020|2020-04-09|EPI_ISL_470378|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-282ABB/2020|2020-03-28|EPI_ISL_488514|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020322068/2020|2020-09-01|EPI_ISL_542075|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/ALDP-95291A/2020|2020-06-12|EPI_ISL_554079|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9EF8AC/2020|2020-09-23|EPI_ISL_594953|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-A0565A/2020|2020-09-30|EPI_ISL_600036|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20899/2020|2020-12-21|EPI_ISL_758925|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-279/2020|2020-04-03|EPI_ISL_436573|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-B469BD/2020|2020-11-07|EPI_ISL_655993|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12D7AD/2020|2020-05-07|EPI_ISL_481836|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-MaxCov0023-CSIR-IGIB/2020|2020-05-08|EPI_ISL_459925|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/Belgium/ULG-10930/2020|2020-11-24|EPI_ISL_678469|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-9DF872/2020|2020-09-21|EPI_ISL_638429|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC6921/2020|2020-07-21|EPI_ISL_564141|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2598/2020|2020-06-18|EPI_ISL_497230|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/AZ-TG519159/2020|2020-06-30|EPI_ISL_695359|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUA-A0B0CF/2020|2020-10-01|EPI_ISL_599285|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8176/2020|2020-10-26|EPI_ISL_617235|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-2980ED/2020|2020-04-28|EPI_ISL_488142|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8CBF0/2020|2020-12-15|EPI_ISL_777165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0451/2020|2020-11-16|EPI_ISL_760235|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-107/2020|2020-06-07|EPI_ISL_475166|Original|hCoV-19^^Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/MILK-B55380/2020|2020-11-04|EPI_ISL_657770|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1239541/2020|2020-12-18|EPI_ISL_739910|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-AD0CA1/2020|2020-10-26|EPI_ISL_634242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9552FE/2020|2020-06-12|EPI_ISL_554492|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD54FF/2020|2020-10-26|EPI_ISL_633909|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-1702AA/2020|2020-03-24|EPI_ISL_459697|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22494/2020|2020-11-04|EPI_ISL_708595|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/CVR5239/2020|2020-10-14|EPI_ISL_627406|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Israel/ISR_NH_AS_0625/2020|2020-06-25|EPI_ISL_594157|Original|hCoV-19^^Israel|Human|Israel Institute for Biological Research|Israel Institute for Biological Research|Zaide|Israel

>Spike|hCoV-19/England/ALDP-B4623A/2020|2020-11-05|EPI_ISL_656194|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99C57A/2020|2020-08-30|EPI_ISL_550763|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499A19/2020|2020-12-04|EPI_ISL_727389|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14191/2020|2020-10-02|EPI_ISL_787476|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR3966/2020|2020-08-10|EPI_ISL_517582|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-B2EDBF/2020|2020-11-03|EPI_ISL_660002|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B23E02/2020|2020-11-04|EPI_ISL_646385|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036764267/2020|2020-11-03|EPI_ISL_707819|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-999C78/2020|2020-08-29|EPI_ISL_550266|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204690328/2020|2020-11-13|EPI_ISL_683532|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9047A4/2020|2020-06-24|EPI_ISL_551400|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20162007804/2020|2020-04-13|EPI_ISL_527333|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5675/2020|2020-09-28|EPI_ISL_619962|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-JLL-865452S/2020|2020-04-22|EPI_ISL_648265|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/Russia/SPE-RII-MH956S/2020|2020-09-03|EPI_ISL_596364|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/204240532/2020|2020-10-13|EPI_ISL_609893|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BRIS-12EF1D/2020|2020-04-23|EPI_ISL_488220|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-1075/2020|2020-07-27|EPI_ISL_516501|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/New Zealand/20CV0437/2020|2020-10-20|EPI_ISL_622774|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/MA-MASPHL-00810/2020|2020-05-26|EPI_ISL_692890|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/PG-4980/2020|2020-08-00|EPI_ISL_690096|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-10E48D/2020|2020-03-12|EPI_ISL_425550|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200678/2020|2020-08-19|EPI_ISL_631435|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Singapore/972/2020|2020-03-22|EPI_ISL_548980|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-16D932/2020|2020-09-21|EPI_ISL_577467|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5688/2020|2020-05-00|EPI_ISL_688812|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-02140/2020|2020-04-14|EPI_ISL_470711|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Sichuan/SC-NC-073/2020|2020-01-30|EPI_ISL_451332|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/OR-OHSU-0647/2020|2020-06-16|EPI_ISL_525868|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/India/MH-BJMC-12267/2020|2020-06-27|EPI_ISL_728268|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Belgium/DC-0322355/2020|2020-03-22|EPI_ISL_462209|Original|hCoV-19^^Mol|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/GA-CDC-7365/2020|2020-10-22|EPI_ISL_681783|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-2817/2020|2020-08-17|EPI_ISL_616453|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-13899/2020|2020-11-30|EPI_ISL_713091|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2107/2020|2020-07-27|EPI_ISL_618369|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/885/2020|2020-05-06|EPI_ISL_536426|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-B1005D/2020|2020-11-02|EPI_ISL_642613|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20466/2020|2020-03-28|EPI_ISL_460005|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-9395/2020|2020-11-16|EPI_ISL_668948|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49403A/2020|2020-11-14|EPI_ISL_726057|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491A20/2020|2020-11-10|EPI_ISL_706728|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204380503/2020|2020-10-23|EPI_ISL_637123|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18107/2020|2020-12-14|EPI_ISL_749758|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/WA337/2020|2020-03-15|EPI_ISL_596880|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/ALAB-SSI-846/2020|2020-03-30|EPI_ISL_444937|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/AZ-TG664286/2020|2020-04-29|EPI_ISL_696085|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/WI-UW-2061/2020|2020-09-23|EPI_ISL_677466|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/FL-BPHL-0518/2020|2020-06-15|EPI_ISL_508721|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUH-C14CDC/2020|2020-12-06|EPI_ISL_710677|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9C8715/2020|2020-09-15|EPI_ISL_576030|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13624/2020|2020-07-31|EPI_ISL_563789|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-B9FEC5/2020|2020-11-18|EPI_ISL_757193|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/HKPU-4954/2020|2020-09-13|EPI_ISL_610218|Original|hCoV-19^^Hong Kong|Human|Department of Health Technology and Informatics|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/Oman/RESP-20-6417/2020|2020-03-29|EPI_ISL_457996|Original|hCoV-19^^Muscat|Human|Oman-NIC|Oman-NIC|Al Mahruqi|Oman

>Spike|hCoV-19/India/MH-GA100/2020|2020-06-17|EPI_ISL_511941|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/USA/WA-S28/2020|2020-03-02|EPI_ISL_417081|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Jordan/AM-ALSR-4067/2020|2020-10-03|EPI_ISL_636427|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Scotland/EDB7801/2020|2020-09-19|EPI_ISL_572599|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16135/2020|2020-10-26|EPI_ISL_785819|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F6E9A/2020|2020-12-07|EPI_ISL_725309|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-9C3BD2/2020|2020-09-09|EPI_ISL_566896|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13703/2020|2020-08-20|EPI_ISL_788799|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-1B617DD/2020|2020-10-30|EPI_ISL_705293|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008574/2020|2020-09-21|EPI_ISL_654114|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañ\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-NYUMC494/2020|2020-03-18|EPI_ISL_436742|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-B5A312/2020|2020-11-06|EPI_ISL_658127|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9376/2020|2020-08-17|EPI_ISL_565529|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1AE3CE/2020|2020-05-05|EPI_ISL_448053|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1309/2020|2020-06-23|EPI_ISL_541247|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-Wadsworth-292814-01/2020|2020-12-26|EPI_ISL_769970|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/GE-EMC-209/2020|2020-05-29|EPI_ISL_523191|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-C7EDE/2020|2020-04-15|EPI_ISL_457624|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-B41590/2020|2020-11-08|EPI_ISL_658422|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164661/2020|2020-05-06|EPI_ISL_474210|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-400069/2020|2020-12-05|EPI_ISL_729121|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-5882/2020|2020-09-28|EPI_ISL_621069|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-31E1B/2020|2020-04-07|EPI_ISL_446572|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT2024/2020|2020-11-22|EPI_ISL_732242|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Ireland/LH-NVRL-73IRL41493/2020|2020-09-09|EPI_ISL_639850|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Luxembourg/LNS7437554/2020|2020-11-11|EPI_ISL_744571|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-10921/2020|2020-11-02|EPI_ISL_670284|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20140070004/2020|2020-03-30|EPI_ISL_423405|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-BAA53B/2020|2020-11-17|EPI_ISL_783215|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ABB44A/2020|2020-10-21|EPI_ISL_623480|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AFE45/2020|2020-04-09|EPI_ISL_478829|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E616/2020|2020-10-06|EPI_ISL_595479|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496205/2020|2020-11-21|EPI_ISL_726547|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/WB-IK32/2020|2020-05-01|EPI_ISL_508362|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/India/DL-ILBS-271M/2020|2020-05-01|EPI_ISL_605808|Original|hCoV-19^^Delhi|Human|Clinical Virology Laboratory|ILBS - IGIB|Rooge|India

>Spike|hCoV-19/USA/CA-CSMC97/2020|2020-04-02|EPI_ISL_475714|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/Denmark/DCGC-19590/2020|2020-12-07|EPI_ISL_749046|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204220385/2020|2020-10-12|EPI_ISL_609886|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1919/2020|2020-03-16|EPI_ISL_604203|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14720/2020|2020-10-11|EPI_ISL_786205|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hong Kong/HKU-IHCE0511-012c/2020|2020-03-14|EPI_ISL_538551|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/USA/FL-BPHL-1960/2020|2020-04-12|EPI_ISL_653113|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/OR-OHSU-0258/2020|2020-04-11|EPI_ISL_509083|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/France/ARA-SC114/2020|2020-04-06|EPI_ISL_700378|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Japan/PG-2230/2020|2020-04-00|EPI_ISL_685835|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-E66/2020|2020-06-09|EPI_ISL_593539|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-924D24/2020|2020-06-23|EPI_ISL_551415|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-957DA0/2020|2020-06-10|EPI_ISL_554758|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC1C7/2020|2020-10-21|EPI_ISL_629316|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16973C/2020|2020-04-18|EPI_ISL_512505|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-5046/2020|2020-12-04|EPI_ISL_730313|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-1B9A61/2020|2020-11-08|EPI_ISL_679147|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-7514F/2020|2020-03-17|EPI_ISL_440432|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2307/2020|2020-11-26|EPI_ISL_728073|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-2812/2020|2020-08-17|EPI_ISL_616648|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-4A7948/2020|2020-06-08|EPI_ISL_559564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7BB2D/2020|2020-04-03|EPI_ISL_442268|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02842/2020|2020-10-20|EPI_ISL_765659|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/CAMB-81104/2020|2020-04-20|EPI_ISL_438568|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5851/2020|2020-09-11|EPI_ISL_567730|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009071/2020|2020-05-14|EPI_ISL_525079|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-AA19B1/2020|2020-10-21|EPI_ISL_623981|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2198/2020|2020-11-04|EPI_ISL_734251|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/CA-ALSR-1211/2020|2020-05-01|EPI_ISL_494441|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-29BF1/2020|2020-04-04|EPI_ISL_432243|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3533/2020|2020-06-00|EPI_ISL_691789|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR4691/2020|2020-09-30|EPI_ISL_611709|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0677/2020|2020-03-24|EPI_ISL_509735|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Brazil/SP-750/2020|2020-06-25|EPI_ISL_735408|Original|hCoV-19^^S\u00e3o Paulo|Human|COVID 19 Centro de Combate ao Coronavirus CCC Jandira|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/QEUH-AEFA3C/2020|2020-10-29|EPI_ISL_662672|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18898/2020|2020-11-25|EPI_ISL_785206|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-BABCF9/2020|2020-11-18|EPI_ISL_783346|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE318E/2020|2020-10-27|EPI_ISL_633422|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B0235/2020|2020-04-30|EPI_ISL_459256|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5C9A5B/2020|2020-06-19|EPI_ISL_558565|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21403/2020|2020-04-10|EPI_ISL_507657|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-485A7A/2020|2020-10-23|EPI_ISL_628244|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-6592C/2020|2020-10-02|EPI_ISL_594596|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/UT-02697/2020|2020-04-27|EPI_ISL_522265|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Finland/29M14S1/2020|2020-03-29|EPI_ISL_481640|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/CO-CDPHE-2010280216/2020|2020-10-26|EPI_ISL_710367|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/WY-WPHL-20172216/2020|2020-12-30|EPI_ISL_770458|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Denmark/DCGC-17089/2020|2020-12-14|EPI_ISL_750327|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-21493-01/2020|2020-03-18|EPI_ISL_525621|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Scotland/EDB5320/2020|2020-05-21|EPI_ISL_493952|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Germany/BY-MGZ-04/2020|2020-05-11|EPI_ISL_490208|Original|hCoV-19^^Bavaria|Human|M\u00fcrchen Klinik Schwabing|MGZ Medical Genetics Center|Wolf|Germany

>Spike|hCoV-19/Japan/PG-1424/2020|2020-04-00|EPI_ISL_685031|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-D6258/2020|2020-04-20|EPI_ISL_482215|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A92D11/2020|2020-10-19|EPI_ISL_611151|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8E4B8/2020|2020-11-13|EPI_ISL_674523|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/BEG-0324149/2020|2020-03-24|EPI_ISL_420406|Original|hCoV-19^^Confontaine|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-A461C5/2020|2020-10-06|EPI_ISL_598645|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3C782/2020|2020-12-10|EPI_ISL_731241|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM65511564/2020|2020-11-30|EPI_ISL_753492|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/QEUEH-B80F3D/2020|2020-11-14|EPI_ISL_667867|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2475/2020|2020-08-10|EPI_ISL_617743|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2D115E/2020|2020-06-09|EPI_ISL_484407|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Belgium/UGent-245/2020|2020-10-26|EPI_ISL_717629|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Canada/MB-NML-1169/2020|2020-08-03|EPI_ISL_582490|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/WA422/2020|2020-03-23|EPI_ISL_672634|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/MILK-A79615/2020|2020-10-13|EPI_ISL_606901|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-59/2020|2020-07-27|EPI_ISL_523536|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Portugal/PT1293/2020|2020-03-24|EPI_ISL_511254|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW255/2020|2020-03-16|EPI_ISL_418040|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-BC4841/2020|2020-11-25|EPI_ISL_703429|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08391/2020|2020-05-15|EPI_ISL_524172|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Colombia/DC-INS-05-07/2020|2020-06-17|EPI_ISL_526974|Original|hCoV-19^^Bogota|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/USA/UT-03020/2020|2020-05-01|EPI_ISL_509562|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/ALDP-9BE026/2020|2020-09-09|EPI_ISL_568101|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-7B19B1/2020|2020-07-19|EPI_ISL_532894|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20295/2020|2020-03-15|EPI_ISL_447092|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/South Africa/R10752/2020|2020-06-12|EPI_ISL_490302|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-14420/2020|2020-11-30|EPI_ISL_711131|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-2829/2020|2020-06-08|EPI_ISL_543803|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-10EB1F/2020|2020-03-30|EPI_ISL_425641|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-C3FA4A/2020|2020-12-10|EPI_ISL_719113|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B6B211/2020|2020-11-11|EPI_ISL_662425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-30EA3/2020|2020-04-09|EPI_ISL_446373|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Finland/23SS2E3/2020|2020-09-23|EPI_ISL_759804|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/NSW201/2020|2020-03-21|EPI_ISL_427710|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/QEUH-9DCAD9/2020|2020-09-22|EPI_ISL_601117|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204040300/2020|2020-09-29|EPI_ISL_622837|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18929/2020|2020-12-07|EPI_ISL_748646|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B34B9E/2020|2020-11-05|EPI_ISL_659581|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB34D7/2020|2020-12-20|EPI_ISL_761247|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC10141/2020|2020-08-13|EPI_ISL_562072|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-9B8D5/2020|2020-04-19|EPI_ISL_440884|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-DB95DD/2020|2020-11-09|EPI_ISL_664685|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Brazil/SP-L24-CD528/2020|2020-04-14|EPI_ISL_672689|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo (HC-FMUSP)|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/England/QEUH-AE1B82/2020|2020-10-24|EPI_ISL_633595|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0243/2020|2020-03-30|EPI_ISL_569405|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0027Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/OR-OHSU-2968/2020|2020-09-07|EPI_ISL_667435|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MD-MDH-0314/2020|2020-10-17|EPI_ISL_633090|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/USA/AZ-TG670242/2020|2020-03-26|EPI_ISL_696422|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-CB7C17/2020|2020-12-19|EPI_ISL_777841|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20832/2020|2020-04-17|EPI_ISL_471853|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Belgium/ULG-10038/2020|2020-03-30|EPI_ISL_427346|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUEH-C31A0C/2020|2020-12-11|EPI_ISL_730813|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2455/2020|2020-06-26|EPI_ISL_522161|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Panama/328848/2020|2020-03-08|EPI_ISL_496614|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/CAMB-1B81D6/2020|2020-10-19|EPI_ISL_637737|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A370/2020|2020-11-15|EPI_ISL_673766|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-D2011-5016/2020|2020-10-15|EPI_ISL_753899|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/USA/OR-OHSU-1365/2020|2020-07-15|EPI_ISL_509189|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Peru/ICA-INS-012/2020|2020-03-09|EPI_ISL_489989|Original|hCoV-19^^Ica|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/England/MILK-9766DD/2020|2020-08-20|EPI_ISL_575774|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC257b/2020|2020-06-12|EPI_ISL_483847|Original|hCoV-19^^Gujarat|Human|Pandit Deendayal Upadhyay Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/QEUEH-962CC3/2020|2020-08-11|EPI_ISL_531725|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2848BF/2020|2020-03-23|EPI_ISL_478571|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR11485/2020|2020-11-20|EPI_ISL_732510|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/VA-DCLS-2066/2020|2020-10-20|EPI_ISL_677192|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/MILK-B8C7FD/2020|2020-11-13|EPI_ISL_675994|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-171722/2020|2020-03-28|EPI_ISL_489686|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/NC-IBV-001376/2020|2020-03-13|EPI_ISL_452525|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-DSHS-1672/2020|2020-06-24|EPI_ISL_710063|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-C3A6A5/2020|2020-12-09|EPI_ISL_731440|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir8606/2020|2020-08-23|EPI_ISL_729593|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/PG-8589/2020|2020-08-00|EPI_ISL_686185|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/KRISP-K000617/2020|2020-07-01|EPI_ISL_509269|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Australia/WA328/2020|2020-03-25|EPI_ISL_596871|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Netherlands/ZH-RIVM-20453/2020|2020-10-26|EPI_ISL_728672|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-9F7AAB/2020|2020-09-27|EPI_ISL_589254|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA36D6/2020|2020-10-21|EPI_ISL_623965|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4841B2/2020|2020-10-22|EPI_ISL_627974|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2F60B0/2020|2020-12-04|EPI_ISL_741736|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486C91/2020|2020-10-26|EPI_ISL_637885|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-639AEC/2020|2020-07-04|EPI_ISL_556206|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006295/2020|2020-04-21|EPI_ISL_537665|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-A911DA/2020|2020-10-16|EPI_ISL_638509|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII8934S/2020|2020-04-23|EPI_ISL_450291|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-17491/2020|2020-12-14|EPI_ISL_751022|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9C2B6A/2020|2020-09-10|EPI_ISL_566488|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/Donner19/2020|2020-04-13|EPI_ISL_438963|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/Denmark/DCGC-14099/2020|2020-11-30|EPI_ISL_711567|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-65683-01/2020|2020-04-23|EPI_ISL_676879|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUA-96AEB6/2020|2020-08-15|EPI_ISL_531366|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E6CB/2020|2020-10-08|EPI_ISL_595488|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0832/2020|2020-06-07|EPI_ISL_593575|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMB-1AB83B/2020|2020-04-20|EPI_ISL_470110|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5992/2020|2020-07-20|EPI_ISL_518767|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-1538/2020|2020-09-14|EPI_ISL_605416|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-6264/2020|2020-10-05|EPI_ISL_620024|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AD0791/2020|2020-10-24|EPI_ISL_634224|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3164/2020|2020-08-24|EPI_ISL_635892|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-4921DF/2020|2020-11-18|EPI_ISL_703761|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA549E/2020|2020-10-21|EPI_ISL_625089|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A6460E/2020|2020-10-11|EPI_ISL_608876|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1268/2020|2020-00-00|EPI_ISL_684878|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Israel/2089712/2020|2020-04-01|EPI_ISL_447367|Original|hCoV-19^^Jerusalem District|Human|Clinical Virology Unit|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/QEUD-9AEC9E/2020|2020-09-03|EPI_ISL_573492|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97010110/2020|2020-11-16|EPI_ISL_683636|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-5838/2020|2020-09-28|EPI_ISL_621025|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LEED-2A8AFB/2020|2020-03-29|EPI_ISL_539019|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1181/2020|2020-03-14|EPI_ISL_571991|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/QEUD-96FEEE/2020|2020-08-18|EPI_ISL_568411|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUD-9AF222/2020|2020-09-03|EPI_ISL_559829|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6226/2020|2020-10-05|EPI_ISL_619986|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-28C9B4/2020|2020-05-17|EPI_ISL_469322|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C94F8/2020|2020-07-21|EPI_ISL_517559|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D4CAE/2020|2020-09-19|EPI_ISL_601609|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_5/2020|2020-03-05|EPI_ISL_414430|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC3429/2020|2020-07-13|EPI_ISL_521099|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-18012/2020|2020-12-14|EPI_ISL_749701|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-1266EBE/2020|2020-12-10|EPI_ISL_741226|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D2575-1/2020|2020-04-29|EPI_ISL_527461|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/CAMC-BFB47A/2020|2020-12-04|EPI_ISL_709244|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4964/2020|2020-07-17|EPI_ISL_519330|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC8978/2020|2020-07-28|EPI_ISL_565328|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CT-Yale-367/2020|2020-08-17|EPI_ISL_527781|Original|hCoV-19^^Connecticut|Human|Connecticut State Department of Public Health|Grubaugh Lab - Yale School of Public Health|Fauver|USA

>Spike|hCoV-19/Spain/MD-IBV-99008642/2020|2020-09-29|EPI_ISL_654210|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-48460E/2020|2020-10-23|EPI_ISL_626960|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08290/2020|2020-05-19|EPI_ISL_524089|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/ULG-10102/2020|2020-04-06|EPI_ISL_427353|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/NC_200326/2020|2020-03-00|EPI_ISL_454822|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/Japan/Donner51/2020|2020-07-06|EPI_ISL_644956|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/USA/CA-QDX-2676/2020|2020-03-16|EPI_ISL_604916|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-A9054/2020|2020-03-25|EPI_ISL_517252|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-3819/2020|2020-06-00|EPI_ISL_692070|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/EXET-136D09/2020|2020-04-20|EPI_ISL_471915|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-90C627/2020|2020-06-22|EPI_ISL_553706|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00670/2020|2020-05-08|EPI_ISL_560338|Original|hCoV-19^^New Mexico|Human|TriCore Reference Laboratories|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/20179028804/2020|2020-04-22|EPI_ISL_465425|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Portugal/PT0071/2020|2020-03-21|EPI_ISL_421474|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC7731/2020|2020-08-06|EPI_ISL_564613|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Korea/KCDC2534/2020|2020-06-20|EPI_ISL_514937|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/SHEF-10CECF8/2020|2020-12-04|EPI_ISL_742014|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/BE-ChVir-W2122-5977/2020|2020-10-15|EPI_ISL_754018|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/Denmark/DCGC-6729/2020|2020-04-20|EPI_ISL_622344|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-ACD1E/2020|2020-04-05|EPI_ISL_448530|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1934/2020|2020-06-21|EPI_ISL_765925|Original|hCoV-19^^Texas|Human|TXDSHS|TXDSHS|Rahman|USA

>Spike|hCoV-19/England/QEUH-B30B65/2020|2020-11-03|EPI_ISL_659817|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5136/2020|2020-08-00|EPI_ISL_690243|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR2634/2020|2020-04-17|EPI_ISL_484623|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR4557/2020|2020-09-22|EPI_ISL_585415|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL845/2020|2020-07-28|EPI_ISL_653536|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/UT-0537/2020|2020-04-04|EPI_ISL_435371|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-C39D74/2020|2020-12-09|EPI_ISL_730884|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-46991-01/2020|2020-04-14|EPI_ISL_676853|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-6483/2020|2020-08-00|EPI_ISL_688628|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-2674/2020|2020-06-03|EPI_ISL_545468|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-2433/2020|2020-12-14|EPI_ISL_754640|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Beijing/DT-WH02/2020|2020-02-04|EPI_ISL_452357|Original|hCoV-19^^Beijing|Human|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Laboratory of Infectious Diseases Center of Beijing Ditan Hospital|Yang|China

>Spike|hCoV-19/Wales/PHWC-16ECA1/2020|2020-10-04|EPI_ISL_585847|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9D0756/2020|2020-09-16|EPI_ISL_589874|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0372/2020|2020-06-29|EPI_ISL_576553|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/BRIS-1311B7/2020|2020-05-21|EPI_ISL_467694|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205160989/2020|2020-12-15|EPI_ISL_766427|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/India/MH-MW36/2020|2020-06-06|EPI_ISL_511927|Original|hCoV-19^^Maharashtra|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics -\u00a0DBT's PAN-INDIA 1000 SARS--CoV-2 RNA Genome Sequencing Consortium|Maitra|India

>Spike|hCoV-19/Scotland/CVR4052/2020|2020-08-30|EPI_ISL_535146|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-A3FBB2/2020|2020-10-05|EPI_ISL_609614|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76287/2020|2020-03-27|EPI_ISL_438343|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18143/2020|2020-11-12|EPI_ISL_784491|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/PE-IAM87/2020|2020-04-08|EPI_ISL_500485|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Italy/LAZ-INMI-100/2020|2020-11-03|EPI_ISL_718265|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/USA/CA-CZB-14932/2020|2020-11-27|EPI_ISL_739646|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/EDB4830/2020|2020-04-03|EPI_ISL_453158|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WA-S2557/2020|2020-06-17|EPI_ISL_497189|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-825/2020|2020-03-28|EPI_ISL_437676|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/EXET-135C3A/2020|2020-04-10|EPI_ISL_457149|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Belgium/reg-a0401879/2020|2020-04-01|EPI_ISL_734529|Original|hCoV-19^^Chaumont-gistoux|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MN-MDH-436/2020|2020-04-09|EPI_ISL_437373|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-B08216/2020|2020-10-30|EPI_ISL_643529|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-83BC8/2020|2020-04-15|EPI_ISL_443349|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B99D28/2020|2020-11-15|EPI_ISL_673542|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3724B/2020|2020-11-05|EPI_ISL_645231|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-98199A/2020|2020-08-10|EPI_ISL_526354|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10472/2020|2020-06-07|EPI_ISL_570318|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-S194/2020|2020-03-20|EPI_ISL_430232|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-489BBF/2020|2020-10-25|EPI_ISL_652464|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A4F979/2020|2020-10-07|EPI_ISL_597606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-200221-01/2020|2020-06-24|EPI_ISL_677056|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Scotland/CVR2600/2020|2020-04-16|EPI_ISL_477984|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20108006802/2020|2020-03-04|EPI_ISL_417254|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B8376F/2020|2020-11-14|EPI_ISL_675402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7B789/2020|2020-10-15|EPI_ISL_607320|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200043779/2020|2020-11-06|EPI_ISL_666743|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7814/2020|2020-07-00|EPI_ISL_686916|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-2127/2020|2020-04-07|EPI_ISL_653280|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-B98318/2020|2020-11-15|EPI_ISL_674851|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1465/2020|2020-09-10|EPI_ISL_541597|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Sweden/20-53239/2020|2020-10-26|EPI_ISL_648203|Original|hCoV-19^^Sweden|Human|Linkoping|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-2BAA7/2020|2020-03-28|EPI_ISL_445803|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CT-UW-3120/2020|2020-03-27|EPI_ISL_485938|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LIVE-DC2FD3/2020|2020-11-25|EPI_ISL_705857|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC2825/2020|2020-07-03|EPI_ISL_521656|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-001260/2020|2020-11-07|EPI_ISL_683840|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/CA-CDPH032/2020|2020-06-22|EPI_ISL_515923|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/MA-MGH-03020/2020|2020-07-22|EPI_ISL_765682|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/MILK-9A9765/2020|2020-08-31|EPI_ISL_551098|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3635/2020|2020-06-15|EPI_ISL_543085|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-1946/2020|2020-04-00|EPI_ISL_685552|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH176/2020|2020-04-06|EPI_ISL_678073|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah

University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/USA/VA-DCLS-0600/2020|2020-03-27|EPI_ISL_526818|Original|hCoV-
19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/QEUEH-B12ED9/2020|2020-11-02|EPI_ISL_642733|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-10525F/2020|2020-04-
01|EPI_ISL_472138|Original|hCoV-19^^Northern Ireland|Human|Regional Virus
Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/Scotland/EDB694/2020|2020-04-01|EPI_ISL_433224|Original|hCoV-
19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/ALDP-652E78/2020|2020-07-03|EPI_ISL_558006|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/NM-DOH-2020309719/2020|2020-08-24|EPI_ISL_602196|Original|hCoV-
19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico
Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19/USA/UT-QDX-2653/2020|2020-03-13|EPI_ISL_604981|Original|hCoV-
19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/MILK-9C4209/2020|2020-09-07|EPI_ISL_566757|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6300/2020|2020-07-04|EPI_ISL_547374|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/CAMB-82A80/2020|2020-04-22|EPI_ISL_438653|Original|hCoV-
19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Meredith|United Kingdom
>Spike|hCoV-19/England/LIVE-DB61BE/2020|2020-11-06|EPI_ISL_651297|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/QEUEH-96BEA6/2020|2020-08-15|EPI_ISL_531447|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/New Zealand/20VR1000/2020|2020-03-16|EPI_ISL_579120|Original|hCoV-
19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research
(ESR)|Wang|New Zealand
>Spike|hCoV-19/USA/NY-Wadsworth-225049-01/2020|2020-09-
22|EPI_ISL_677110|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth
Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/MILK-99DE7E/2020|2020-08-30|EPI_ISL_550521|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/BRIS-130965/2020|2020-04-13|EPI_ISL_492567|Original|hCoV-
19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for
the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Ireland/D-NVRL-20ILR10861/2020|2020-11-
22|EPI_ISL_732377|Original|hCoV-19^^Dublin|Human|National Virus Reference
Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland
>Spike|hCoV-19/Luxembourg/LNS4360137/2020|2020-11-01|EPI_ISL_740455|Original|hCoV-
19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de
sant\u00e9|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/USA/NM-NMDOH-2020328776/2020|2020-09-04|EPI_ISL_644593|Original|hCoV-
19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico
Department of Health Scientific Laboratory|Johnson|USA
>Spike|hCoV-19/Japan/PG-0943/2020|2020-04-00|EPI_ISL_684553|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-949D38/2020|2020-06-10|EPI_ISL_556461|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20102001604/2020|2020-03-02|EPI_ISL_464269|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-139/2020|2020-03-18|EPI_ISL_436234|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-B977FF/2020|2020-11-14|EPI_ISL_675041|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12660/2020|2020-11-16|EPI_ISL_682841|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-UCLA-180/2020|2020-03-18|EPI_ISL_537507|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/LOND-12F07CD/2020|2020-11-16|EPI_ISL_679577|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-19/2020|2020-08-21|EPI_ISL_751340|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/MILK-9F0468/2020|2020-09-24|EPI_ISL_580842|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1964/2020|2020-06-03|EPI_ISL_497392|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-ABB77E/2020|2020-10-21|EPI_ISL_623508|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0130/2020|2020-08-00|EPI_ISL_667559|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-27012/2020|2020-03-28|EPI_ISL_422034|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S838/2020|2020-04-22|EPI_ISL_463328|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/United Arab Emirates/0615/2020|2020-05-15|EPI_ISL_698771|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Canada/BC_13086747/2020|2020-04-00|EPI_ISL_467339|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/MA-MASPHL-00075/2020|2020-04-03|EPI_ISL_791565|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/LIVE-1D6E44/2020|2020-09-17|EPI_ISL_572905|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/TG-CDFD-C3295/2020|2020-06-20|EPI_ISL_528595|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/MILK-62D82D/2020|2020-07-05|EPI_ISL_557832|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL283/2020|2020-08-26|EPI_ISL_574417|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Australia/VIC7933/2020|2020-08-16|EPI_ISL_564755|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94CCA1/2020|2020-06-15|EPI_ISL_556037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D19E/2020|2020-10-09|EPI_ISL_586106|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1276/2020|2020-03-12|EPI_ISL_482997|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-997D86/2020|2020-08-24|EPI_ISL_537151|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/NE-ETHZ-390319/2020|2020-11-29|EPI_ISL_721832|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-B68DAA/2020|2020-11-11|EPI_ISL_662242|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2459/2020|2020-12-21|EPI_ISL_759734|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUA-B134E5/2020|2020-10-31|EPI_ISL_641882|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493DAD/2020|2020-11-20|EPI_ISL_726024|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB1243/2020|2020-04-09|EPI_ISL_491564|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/FVG-ICGEB-S5/2020|2020-03-01|EPI_ISL_417419|Vero E6 P1|hCoV-19^^Friuli Venezia Giulia|Human|Laboratory of Molecular Virology International Center for Genetic Engineering and Biotechnology (ICGEB)|ARGO Open Lab Platform for Genome sequencing|Marcello|Italy

>Spike|hCoV-19/USA/MI-MDHHS-SC22675/2020|2020-11-27|EPI_ISL_737289|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/WI-GMF-25226/2020|2020-10-11|EPI_ISL_660919|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/BIRM-61E4F/2020|2020-03-26|EPI_ISL_529222|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Wales/MILK-958729/2020|2020-06-10|EPI_ISL_554783|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9D0AC6/2020|2020-09-16|EPI_ISL_589932|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8684/2020|2020-04-18|EPI_ISL_449172|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13890/2020|2020-08-17|EPI_ISL_787182|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C3AFE6/2020|2020-12-09|EPI_ISL_731671|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42359388/2020|2020-07-19|EPI_ISL_581910|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/PR-B2D2/2020|2020-08-03|EPI_ISL_602325|Original|hCoV-19^^Puerto Rico|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Denmark/DCGC-18452/2020|2020-12-07|EPI_ISL_749977|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-8324/2020|2020-07-07|EPI_ISL_784332|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-1199BD/2020|2020-11-02|EPI_ISL_627717|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-C54247/2020|2020-12-11|EPI_ISL_736235|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/23LS7DH3/2020|2020-10-23|EPI_ISL_759789|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/NY-NYUMC175/2020|2020-04-01|EPI_ISL_427472|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/TX-HMH-7617/2020|2020-06-26|EPI_ISL_546891|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH023/2020|2020-03-13|EPI_ISL_434733|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-9484AD/2020|2020-07-26|EPI_ISL_556960|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00751/2020|2020-09-15|EPI_ISL_682045|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/QEUEH-9A4427/2020|2020-09-01|EPI_ISL_540149|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-22/2020|2020-05-12|EPI_ISL_537526|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/ALDP-95CE4E/2020|2020-06-15|EPI_ISL_554943|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/MA-212212/2020|2020-10-22|EPI_ISL_746534|Original|hCoV-19^^Magallanes|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/England/LOND-124FFF4/2020|2020-04-10|EPI_ISL_665191|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F6D76/2020|2020-09-27|EPI_ISL_595630|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/IL-NM027/2020|2020-03-16|EPI_ISL_444537|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Denmark/DCGC-21374/2020|2020-12-21|EPI_ISL_757896|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-109382/2020|2020-11-19|EPI_ISL_728531|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-7188/2020|2020-10-12|EPI_ISL_619189|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC13503/2020|2020-09-04|EPI_ISL_592274|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-AA1052/2020|2020-10-22|EPI_ISL_624468|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99A1E1/2020|2020-08-30|EPI_ISL_550358|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_11135150/2020|2020-04-00|EPI_ISL_467318|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/SHEF-CC370/2020|2020-05-01|EPI_ISL_462055|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3728/2020|2020-05-30|EPI_ISL_636170|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-02008/2020|2020-04-16|EPI_ISL_454726|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-163C33/2020|2020-04-30|EPI_ISL_474059|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164A29/2020|2020-05-19|EPI_ISL_479336|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9E579A/2020|2020-09-24|EPI_ISL_589412|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3434B/2020|2020-11-06|EPI_ISL_659471|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1914/2020|2020-07-11|EPI_ISL_751539|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-ALSR-4537/2020|2020-09-10|EPI_ISL_666996|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/PV-IBV-000897/2020|2020-03-26|EPI_ISL_452666|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/France/PAC-IHU-0104/2020|2020-03-23|EPI_ISL_569310|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-A68C35/2020|2020-10-12|EPI_ISL_608399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1645/2020|2020-07-02|EPI_ISL_594334|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/EDB1030/2020|2020-04-06|EPI_ISL_559971|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00229648/2020|2020-03-20|EPI_ISL_535898|Original|hCoV-19^^Quebec|Human|H\u00f4pital Sainte-Croix|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/India/OR-ILSCV16809/2020|2020-05-11|EPI_ISL_463054|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/WI-GMF-13029/2020|2020-07-29|EPI_ISL_547650|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/20144017704/2020|2020-04-01|EPI_ISL_423511|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-9E2D7D/2020|2020-09-21|EPI_ISL_581268|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1312/2020|2020-04-00|EPI_ISL_684920|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-3421C/2020|2020-04-17|EPI_ISL_446889|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-BC744A/2020|2020-11-22|EPI_ISL_721512|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-397/2020|2020-10-18|EPI_ISL_722511|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/HI-H200554/2020|2020-10-24|EPI_ISL_753083|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMB-1B8E93/2020|2020-11-02|EPI_ISL_651005|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42374720/2020|2020-07-30|EPI_ISL_581931|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Netherlands/ZH-EMC-1239/2020|2020-12-21|EPI_ISL_763308|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A665F0/2020|2020-10-11|EPI_ISL_626885|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22503/2020|2020-12-14|EPI_ISL_757597|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-20521/2020|2020-12-21|EPI_ISL_758714|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC534/2020|2020-03-25|EPI_ISL_426800|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A218AD/2020|2020-10-01|EPI_ISL_587423|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9032/2020|2020-07-02|EPI_ISL_780908|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-49F934/2020|2020-12-09|EPI_ISL_743292|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA20D/2020|2020-09-24|EPI_ISL_580067|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1787/2020|2020-03-12|EPI_ISL_604119|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11808/2020|2020-09-14|EPI_ISL_790113|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1179/2020|2020-08-20|EPI_ISL_526665|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC14767/2020|2020-08-17|EPI_ISL_592990|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9B46F1/2020|2020-09-04|EPI_ISL_590196|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC751/2020|2020-03-20|EPI_ISL_451665|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/LEED-2A8C8C/2020|2020-04-03|EPI_ISL_539012|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03470/2020|2020-03-15|EPI_ISL_450539|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Hong Kong/VM20100078/2020|2020-08-05|EPI_ISL_637022|Original|hCoV-19^^Hong Kong|Human|Tin Shui Wai Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/ALDP-B626A5/2020|2020-11-07|EPI_ISL_656441|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SH-ETHZ-400332/2020|2020-12-08|EPI_ISL_729166|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MD-HP00028/2020|2020-03-26|EPI_ISL_438224|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/MILK-ACD68B/2020|2020-10-21|EPI_ISL_634292|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95091C/2020|2020-06-14|EPI_ISL_554442|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22578/2020|2020-11-23|EPI_ISL_737148|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-DSHS-0086/2020|2020-05-11|EPI_ISL_522371|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MA-MGH-03450/2020|2020-11-14|EPI_ISL_765842|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Singapore/582/2020|2020-04-04|EPI_ISL_483605|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/VA-DCLS-2266/2020|2020-11-13|EPI_ISL_723510|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Northern Ireland/NIRE-2359F6/2020|2020-11-10|EPI_ISL_742173|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/ALDP-A512F1/2020|2020-10-08|EPI_ISL_598109|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49DD0D/2020|2020-11-30|EPI_ISL_742899|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B8EFF3/2020|2020-11-13|EPI_ISL_675436|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8295/2020|2020-08-00|EPI_ISL_687394|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9EDFE5/2020|2020-05-06|EPI_ISL_589541|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E661/2020|2020-09-30|EPI_ISL_595483|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-1223B3/2020|2020-04-04|EPI_ISL_440795|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Portugal/PT1453/2020|2020-03-17|EPI_ISL_511412|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-48FB13/2020|2020-11-10|EPI_ISL_681189|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-791C3/2020|2020-04-03|EPI_ISL_441826|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-04-UMTL-96NV/2020|2020-04-06|EPI_ISL_479760|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Japan/PG-2952/2020|2020-04-00|EPI_ISL_691078|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/UFS-VIRO-NGS-32/2020|2020-10-05|EPI_ISL_682339|Original|hCoV-19^^Free State|Human|NHLS Universitas Academic|UFS Virology|Bester|South Africa

>Spike|hCoV-19/Scotland/EDB5474/2020|2020-04-25|EPI_ISL_461748|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-9927BA/2020|2020-08-27|EPI_ISL_551946|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LS-NVRL-71IRL96316/2020|2020-08-01|EPI_ISL_525376|Original|hCoV-19^^Laois|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-981EF5/2020|2020-08-10|EPI_ISL_552719|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2669816/2020|2020-11-16|EPI_ISL_740164|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-1661F5/2020|2020-06-16|EPI_ISL_490850|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0430/2020|2020-11-00|EPI_ISL_768639|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20168032904/2020|2020-04-16|EPI_ISL_466609|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/MILK-993F75/2020|2020-08-25|EPI_ISL_551649|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-762D2/2020|2020-03-28|EPI_ISL_438362|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12246/2020|2020-11-16|EPI_ISL_682427|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A691BD/2020|2020-10-13|EPI_ISL_608569|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-197/2020|2020-03-24|EPI_ISL_428293|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Denmark/DCGC-11681/2020|2020-10-26|EPI_ISL_671064|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-12950/2020|2020-12-07|EPI_ISL_712481|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-80888/2020|2020-04-10|EPI_ISL_442830|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15DA14/2020|2020-05-13|EPI_ISL_472754|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B3B57B/2020|2020-11-01|EPI_ISL_706064|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_9604/2020|2020-09-29|EPI_ISL_626591|Original|hCoV-19^^South Bohemian Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Luxembourg/LNS5415838/2020|2020-10-05|EPI_ISL_744228|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-10851/2020|2020-11-02|EPI_ISL_669752|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1AE355/2020|2020-04-28|EPI_ISL_524592|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B0259B/2020|2020-10-24|EPI_ISL_647818|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0031/2020|2020-05-17|EPI_ISL_698240|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUA-AAF045/2020|2020-10-20|EPI_ISL_653012|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-BF19C0/2020|2020-12-05|EPI_ISL_709107|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22419/2020|2020-08-07|EPI_ISL_570681|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-49688B/2020|2020-11-20|EPI_ISL_726648|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-958000/2020|2020-06-14|EPI_ISL_554805|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Weifang/WF0026/2020|2020-02-00|EPI_ISL_413761|Original|hCoV-19^^Weifang|Human|Weifang Center for Disease Control and Prevention|Weifang Center for Disease Control and Prevention & BGI-Shenzhen|Li|China

>Spike|hCoV-19/Belgium/regal-12141309/2020|2020-12-14|EPI_ISL_738363|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-5977/2020|2020-09-21|EPI_ISL_621086|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08452/2020|2020-05-19|EPI_ISL_524224|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-DSHS-1544/2020|2020-06-16|EPI_ISL_681876|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/SHEF-BFF9A/2020|2020-03-25|EPI_ISL_418316|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/BIRM-5E3CE/2020|2020-04-14|EPI_ISL_444294|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9993908/2020|2020-11-12|EPI_ISL_745027|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-923FF2/2020|2020-06-23|EPI_ISL_551447|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201180370/2020|2020-03-13|EPI_ISL_464904|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-ACD2B4/2020|2020-10-21|EPI_ISL_630176|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1130/2020|2020-03-16|EPI_ISL_614618|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR1624/2020|2020-03-27|EPI_ISL_456234|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/England/NOTT-119ABA/2020|2020-11-04|EPI_ISL_627723|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/NSW545/2020|2020-04-05|EPI_ISL_455084|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH922/2020|2020-04-06|EPI_ISL_513053|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Northern Ireland/NIRE-FA9B3/2020|2020-03-26|EPI_ISL_441781|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Chile/RM-CMM-0071M/2020|2020-05-01|EPI_ISL_629019|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Centro de Biotecnolog\u00eda Vegetal|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/Scotland/QEUH-963FAB/2020|2020-08-12|EPI_ISL_534368|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-

University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Belgium/UGent-227/2020|2020-11-08|EPI_ISL_717622|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium
>Spike|hCoV-19/England/QEUEH-9C7E5D/2020|2020-09-10|EPI_ISL_567069|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S175/2020|2020-03-19|EPI_ISL_430213|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA
>Spike|hCoV-19/Sichuan/SC-WCH1-002/2020|2020-02-08|EPI_ISL_451375|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China
>Spike|hCoV-19/Australia/VIC6096/2020|2020-07-07|EPI_ISL_518121|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/WI-UW-1411/2020|2020-09-04|EPI_ISL_536781|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/QEUEH-CC2657/2020|2020-12-21|EPI_ISL_760272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Malaysia/IMR-WC258707/2020|2020-11-06|EPI_ISL_728210|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia
>Spike|hCoV-19/England/QEUEH-B669B7/2020|2020-11-11|EPI_ISL_654968|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NORT-29DA44/2020|2020-05-07|EPI_ISL_488105|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/ME-HETL-J0322/2020|2020-11-30|EPI_ISL_755451|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA
>Spike|hCoV-19/Japan/PG-1146/2020|2020-04-00|EPI_ISL_684756|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/CVR1421/2020|2020-04-01|EPI_ISL_438804|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Wales/PHWC-4A5476/2020|2020-12-15|EPI_ISL_764869|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/India/MH-ACTREC-275/2020|2020-07-10|EPI_ISL_699927|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/Senegal/65052/2020|2020-06-13|EPI_ISL_476574|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal
>Spike|hCoV-19/Singapore/834/2020|2020-06-15|EPI_ISL_517997|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore
>Spike|hCoV-19/USA/WA-UW-380/2020|2020-03-24|EPI_ISL_524443|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|Laboratory Medicine|Roychoudhury|USA
>Spike|hCoV-19/Japan/PG-6800/2020|2020-08-00|EPI_ISL_687909|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/MILK-B3DCDE/2020|2020-11-01|EPI_ISL_706255|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168ADA/2020|2020-04-19|EPI_ISL_494327|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/Qc-L00240846/2020|2020-03-27|EPI_ISL_465688|Original|hCoV-19^^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Spain/CT-IBV-003165/2020|2020-03-16|EPI_ISL_510261|Original|hCoV-19^^Catalunya|Human|Hospital de la Santa Creu i Sant Pau. Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-6019/2020|2020-06-30|EPI_ISL_547171|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/TKYT30408/2020|2020-08-00|EPI_ISL_649141|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Ryota|Japan

>Spike|hCoV-19/South Korea/KCDC2724/2020|2020-07-13|EPI_ISL_522503|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-3112/2020|2020-08-31|EPI_ISL_615929|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-164054/2020|2020-05-09|EPI_ISL_474120|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B681/2020|2020-11-09|EPI_ISL_655363|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SEARCH-5398/2020|2020-12-02|EPI_ISL_755209|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-B3BF31/2020|2020-11-01|EPI_ISL_706108|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2055/2020|2020-08-03|EPI_ISL_667104|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Spain/PV-IBV-004199/2020|2020-04-03|EPI_ISL_510484|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/20104014404/2020|2020-03-03|EPI_ISL_464331|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-4168/2020|2020-07-00|EPI_ISL_692407|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-12718/2020|2020-08-30|EPI_ISL_790481|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03763/2020|2020-11-00|EPI_ISL_775073|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Gambia/GC192574/2020|2020-07-21|EPI_ISL_561116|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/USA/TX-HMH-MCoV-13414/2020|2020-08-24|EPI_ISL_788552|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR435/2020|2020-03-23|EPI_ISL_433292|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03078/2020|2020-05-04|EPI_ISL_560913|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/ULG-10126/2020|2020-04-07|EPI_ISL_427372|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-B624F6/2020|2020-11-08|EPI_ISL_656665|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CAD20/2020|2020-09-16|EPI_ISL_575740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2843FA/2020|2020-03-20|EPI_ISL_478545|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-A57F4F/2020|2020-10-09|EPI_ISL_597113|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0700/2020|2020-03-29|EPI_ISL_509758|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-B23224/2020|2020-11-03|EPI_ISL_651724|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC16040/2020|2020-08-03|EPI_ISL_640589|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUAH-9FAC57/2020|2020-09-27|EPI_ISL_588181|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2707/2020|2020-03-27|EPI_ISL_488901|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5339/2020|2020-09-14|EPI_ISL_615270|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3800/2020|2020-07-00|EPI_ISL_692051|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-9AA1C0/2020|2020-09-01|EPI_ISL_550978|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regA-0517555/2020|2020-05-17|EPI_ISL_734739|Original|hCoV-19^^Westerlo|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-A6D1C8/2020|2020-10-14|EPI_ISL_608053|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL678/2020|2020-07-13|EPI_ISL_653370|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18512/2020|2020-11-20|EPI_ISL_784860|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B556D2/2020|2020-11-04|EPI_ISL_657361|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8C8F9/2020|2020-12-14|EPI_ISL_777071|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7CB8C/2020|2020-10-15|EPI_ISL_606489|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D2AE/2020|2020-12-10|EPI_ISL_731826|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18044/2020|2020-12-14|EPI_ISL_749720|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B62405/2020|2020-11-09|EPI_ISL_656538|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79B10/2020|2020-03-27|EPI_ISL_433825|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-9AB314/2020|2020-08-31|EPI_ISL_551093|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20122103304/2020|2020-03-17|EPI_ISL_465766|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21061/2020|2020-12-21|EPI_ISL_759531|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-QDX-1400/2020|2020-03-18|EPI_ISL_572059|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/LU-ETHZ-270082/2020|2020-09-02|EPI_ISL_541467|Original|hCoV-19^^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-16035F/2020|2020-05-22|EPI_ISL_472922|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-10F0D3/2020|2020-03-31|EPI_ISL_432962|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/20129096804/2020|2020-03-11|EPI_ISL_424084|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-87FDB2/2020|2020-07-23|EPI_ISL_532808|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ITM_C5189_200701416/2020|2020-06-30|EPI_ISL_649154|Original|hCoV-19^^Brussels|Human|Queen Astrid Military Hospital|Institute of Tropical Medicine|Selhorst|Belgium

>Spike|hCoV-19/USA/MI-QDX-896/2020|2020-03-19|EPI_ISL_571617|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-6009/2020|2020-07-01|EPI_ISL_547164|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-5108/2020|2020-06-29|EPI_ISL_544531|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1464/2020|2020-04-21|EPI_ISL_456446|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-3904/2020|2020-07-27|EPI_ISL_548502|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Belgium/VHV-0324118/2020|2020-03-24|EPI_ISL_420375|Original|hCoV-19^^Tervuren|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Ireland/LH-NVRL-20IRL52389/2020|2020-10-01|EPI_ISL_639895|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-951CE5/2020|2020-06-10|EPI_ISL_551288|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1277/2020|2020-03-30|EPI_ISL_433531|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A6C9/2020|2020-12-02|EPI_ISL_727583|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9F8961/2020|2020-09-27|EPI_ISL_588990|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B6C67E/2020|2020-11-11|EPI_ISL_661554|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CAC77/2020|2020-05-06|EPI_ISL_475431|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-297ED5/2020|2020-04-29|EPI_ISL_488110|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E1F2D/2020|2020-09-20|EPI_ISL_581304|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C59A9/2020|2020-09-10|EPI_ISL_567546|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ECFF5/2020|2020-05-05|EPI_ISL_589326|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG273344/2020|2020-04-03|EPI_ISL_694057|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC16670/2020|2020-08-05|EPI_ISL_640472|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-982CFA/2020|2020-08-10|EPI_ISL_552580|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1921/2020|2020-07-22|EPI_ISL_613773|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/France/PAC-MEPHI-1931/2020|2020-08-27|EPI_ISL_644463|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Belgium/UGent-192/2020|2020-10-20|EPI_ISL_717608|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/CA-CHLA-PLM74999531/2020|2020-12-03|EPI_ISL_753659|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21607/2020|2020-03-28|EPI_ISL_516334|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-AB8735/2020|2020-10-21|EPI_ISL_623718|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0051/2020|2020-05-09|EPI_ISL_517982|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-48C2E4/2020|2020-11-08|EPI_ISL_666415|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6846/2020|2020-06-25|EPI_ISL_546285|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204661581/2020|2020-11-12|EPI_ISL_693413|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-BB355D/2020|2020-11-19|EPI_ISL_702754|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10585/2020|2020-07-08|EPI_ISL_789546|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYUMC589/2020|2020-03-31|EPI_ISL_444706|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/WA-S2059/2020|2020-06-05|EPI_ISL_497487|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-8005/2020|2020-07-01|EPI_ISL_545783|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CZB-10169/2020|2020-06-23|EPI_ISL_672243|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Netherlands/UT-EMC-232/2020|2020-00-00|EPI_ISL_763184|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OR-OHSU-1041/2020|2020-07-08|EPI_ISL_525956|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MN-MDH-1604/2020|2020-05-03|EPI_ISL_530200|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Finland/29A89S/2020|2020-04-29|EPI_ISL_481638|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Latvia/122/2020|2020-08-24|EPI_ISL_534211|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelovs|Latvia

>Spike|hCoV-19/Netherlands/NA_128/2020|2020-03-17|EPI_ISL_422672|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-167F81/2020|2020-04-19|EPI_ISL_494181|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-05983/2020|2020-03-18|EPI_ISL_475562|Original|hCoV-19^^Vastra Gotaland|Human|Din Klinik|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/LA-EVTL673/2020|2020-07-13|EPI_ISL_653365|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/LOND-1266DDF/2020|2020-12-10|EPI_ISL_741212|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036455942/2020|2020-10-15|EPI_ISL_628836|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Wales/PHWC-26D0D/2020|2020-03-30|EPI_ISL_422097|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4947EA/2020|2020-11-20|EPI_ISL_726169|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Panama/331580/2020|2020-03-19|EPI_ISL_496688|Original|hCoV-19^^Chiriqui|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/ALDP-B8431F/2020|2020-11-14|EPI_ISL_675302|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CCA45/2020|2020-09-16|EPI_ISL_572549|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-B7CC79/2020|2020-11-14|EPI_ISL_741818|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22074/2020|2020-12-14|EPI_ISL_757814|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/3132/2020|2020-08-07|EPI_ISL_549155|Original|hCoV-19^^Oslo|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/WI-UW-399/2020|2020-03-16|EPI_ISL_480381|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC6317/2020|2020-07-24|EPI_ISL_518305|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A5939C/2020|2020-10-09|EPI_ISL_597106|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5990/2020|2020-05-05|EPI_ISL_487877|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0997/2020|2020-07-03|EPI_ISL_613992|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-LACPHL-AE00021/2020|2020-07-06|EPI_ISL_707918|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-379/2020|2020-08-02|EPI_ISL_523719|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-A4AFC7/2020|2020-10-05|EPI_ISL_628464|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-A9D183/2020|2020-10-20|EPI_ISL_652661|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-C313D4/2020|2020-12-09|EPI_ISL_731284|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-B0EFFB/2020|2020-11-02|EPI_ISL_649502|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03100/2020|2020-05-04|EPI_ISL_575250|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-9F87D0/2020|2020-09-27|EPI_ISL_588771|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C473EA/2020|2020-12-10|EPI_ISL_718685|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21183/2020|2020-12-21|EPI_ISL_759599|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG399390/2020|2020-06-23|EPI_ISL_694853|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-95655E/2020|2020-06-08|EPI_ISL_554096|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15122/2020|2020-11-23|EPI_ISL_739443|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/NOTT-11F8C9/2020|2020-11-27|EPI_ISL_725581|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3990/2020|2020-09-14|EPI_ISL_615760|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-485DCC/2020|2020-10-24|EPI_ISL_628281|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1282/2020|2020-05-12|EPI_ISL_495732|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Belgium/ULG-10564/2020|2020-10-23|EPI_ISL_626309|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-11604/2020|2020-11-02|EPI_ISL_671019|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20034/2020|2020-03-19|EPI_ISL_437121|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Germany/HH-hpi-p1343/2020|2020-03-23|EPI_ISL_775888|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Germany/NW-HHU-193/2020|2020-03-31|EPI_ISL_602467|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/QEUH-9F70A9/2020|2020-09-27|EPI_ISL_595658|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FA9B/2020|2020-12-09|EPI_ISL_743314|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A8EF1/2020|2020-03-26|EPI_ISL_517231|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3328/2020|2020-08-31|EPI_ISL_616082|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7717/2020|2020-08-00|EPI_ISL_686819|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-18575/2020|2020-12-07|EPI_ISL_750055|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20186079504/2020|2020-04-28|EPI_ISL_465479|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A87113/2020|2020-10-17|EPI_ISL_606173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/Tygerberg_359_CC2/2020|2020-10-12|EPI_ISL_660154|Original|hCoV-19^^Western Cape|Human|PathCare|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-3381B/2020|2020-04-15|EPI_ISL_446753|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9650/2020|2020-04-24|EPI_ISL_672149|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8830/2020|2020-07-01|EPI_ISL_780781|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6493/2020|2020-09-00|EPI_ISL_689595|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Thailand/Bangkok-CONI-0327/2020|2020-12-08|EPI_ISL_728559|Original|hCoV-19^^Bangkok|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/CA-SR0408/2020|2020-04-20|EPI_ISL_458278|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/BS-ETHZ-370358/2020|2020-11-13|EPI_ISL_693945|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORT-28D528/2020|2020-11-17|EPI_ISL_706344|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/202822170/2020|2020-05-30|EPI_ISL_490227|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Singapore/90/2020|2020-04-23|EPI_ISL_435695|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-BB2AF5/2020|2020-11-20|EPI_ISL_703009|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-220751/2020|2020-09-21|EPI_ISL_577653|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Canada/ON-S1297/2020|2020-05-22|EPI_ISL_586341|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Luxembourg/LNS0281498/2020|2020-10-19|EPI_ISL_739749|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/201360296/2020|2020-03-25|EPI_ISL_421775|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20095/2020|2020-11-19|EPI_ISL_723273|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/United Arab Emirates/0629/2020|2020-05-15|EPI_ISL_698785|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMC-B0CC14/2020|2020-10-30|EPI_ISL_643426|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20583/2020|2020-04-29|EPI_ISL_462665|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LOND-12F0833/2020|2020-11-18|EPI_ISL_679583|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/VIC3959/2020|2020-07-13|EPI_ISL_519353|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-0366/2020|2020-03-24|EPI_ISL_480036|Original|hCoV-19^^Kanto|Human|Tochigi Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0337/2020|2020-06-13|EPI_ISL_538275|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Scotland/EDB11341/2020|2020-12-26|EPI_ISL_764372|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10617/2020|2020-09-03|EPI_ISL_648554|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Italy/VEN-UniVR-94/2020|2020-03-25|EPI_ISL_751402|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Scotland/CVR2171/2020|2020-04-11|EPI_ISL_490671|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-BDC293/2020|2020-11-26|EPI_ISL_709591|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38FCB/2020|2020-11-02|EPI_ISL_650634|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21599/2020|2020-12-21|EPI_ISL_757910|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-993A0B/2020|2020-08-26|EPI_ISL_552332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0468/2020|2020-06-21|EPI_ISL_541999|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-B66B75/2020|2020-11-11|EPI_ISL_662453|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15259/2020|2020-11-24|EPI_ISL_738546|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Norway/2454/2020|2020-04-17|EPI_ISL_471172|Vero E6 Pl|hCoV-19^^Norway|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/Wales/PHWC-48744D/2020|2020-10-30|EPI_ISL_639195|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Italy/APU-IZSPB_200PT/2020|2020-08-28|EPI_ISL_653764|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/USA/MA-JLL-19S/2020|2020-00-00|EPI_ISL_632307|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/USA/CA-CZB-12329/2020|2020-10-08|EPI_ISL_648407|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/SHEF-C333D/2020|2020-05-25|EPI_ISL_535049|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-A0C87B/2020|2020-10-03|EPI_ISL_599280|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-2599E43/2020|2020-05-06|EPI_ISL_482089|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/11022/2020|2020-05-24|EPI_ISL_527551|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/LA-GBCL-26629230/2020|2020-04-22|EPI_ISL_485228|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/WA-S2603/2020|2020-06-18|EPI_ISL_497235|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/VA-DCLS-1477/2020|2020-08-22|EPI_ISL_572215|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-9E8A43/2020|2020-09-24|EPI_ISL_638274|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/BC_22502164/2020|2020-04-00|EPI_ISL_477032|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/LA-EVTL1336/2020|2020-12-11|EPI_ISL_779002|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/MI-QDX-1665/2020|2020-03-17|EPI_ISL_603967|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9E7006/2020|2020-09-24|EPI_ISL_580352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2667/2020|2020-08-17|EPI_ISL_617887|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20539/2020|2020-05-11|EPI_ISL_460587|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUH-A4C2F9/2020|2020-10-05|EPI_ISL_628560|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/HI-H200522/2020|2020-11-02|EPI_ISL_753056|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-A45ECF/2020|2020-10-06|EPI_ISL_598784|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-499A64/2020|2020-05-26|EPI_ISL_559418|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AB6C8/2020|2020-04-21|EPI_ISL_470173|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18904/2020|2020-12-07|EPI_ISL_748630|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7543/2020|2020-08-00|EPI_ISL_686645|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/regA-0911940/2020|2020-09-11|EPI_ISL_734927|Original|hCoV-19^^Huldenbergh|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MD-MDH-0048/2020|2020-04-12|EPI_ISL_509452|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/USA/TX-HMH-1374/2020|2020-04-11|EPI_ISL_542680|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-1665/2020|2020-04-02|EPI_ISL_494726|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-94874A/2020|2020-07-15|EPI_ISL_556760|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-ADC3E/2020|2020-00-00|EPI_ISL_448624|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14682/2020|2020-10-01|EPI_ISL_787967|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-CDPH110/2020|2020-09-17|EPI_ISL_755050|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/TX-HMH-2105/2020|2020-05-20|EPI_ISL_545124|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON_QGLO-01/2020|2020-03-18|EPI_ISL_459866|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Center|Queen's Genomics Lab at Ongwanada (Q-GLO)|Sjaarda|Canada

>Spike|hCoV-19/USA/CA-QDX-1546/2020|2020-03-17|EPI_ISL_603793|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-9C8478/2020|2020-09-11|EPI_ISL_567152|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C32467/2020|2020-12-11|EPI_ISL_782525|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0291/2020|2020-05-18|EPI_ISL_698470|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/FL-AJ53/2020|2020-07-04|EPI_ISL_513288|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01219/2020|2020-06-00|EPI_ISL_548841|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-5296/2020|2020-09-14|EPI_ISL_615227|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204560308/2020|2020-11-04|EPI_ISL_678677|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG654700/2020|2020-04-01|EPI_ISL_696017|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/France/ARA75924/2020|2020-09-20|EPI_ISL_639984|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Centre Hospitalier de Bourg en Bresse|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-15974/2020|2020-11-23|EPI_ISL_714514|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0288/2020|2020-04-22|EPI_ISL_463094|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMC-B077EB/2020|2020-10-31|EPI_ISL_643861|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE5487/2020|2020-03-19|EPI_ISL_528926|Original|hCoV-19^^Abruzzo|Human|Ospedale \Giuseppe Mazzini\ -Teramo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/Ireland/CE-UHL23/2020|2020-04-07|EPI_ISL_681711|Original|hCoV-19^^Clare|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/CA-CZB090/2020|2020-03-28|EPI_ISL_429049|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMC-948452/2020|2020-07-21|EPI_ISL_556981|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CE72E/2020|2020-09-17|EPI_ISL_590156|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAB0C1/2020|2020-10-21|EPI_ISL_652770|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LOND-D6407/2020|2020-04-20|EPI_ISL_487589|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10ED64/2020|2020-03-28|EPI_ISL_432920|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUEH-96F4FB/2020|2020-08-17|EPI_ISL_530549|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B11B79/2020|2020-11-02|EPI_ISL_642384|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13271/2020|2020-07-25|EPI_ISL_563648|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9CA9D1/2020|2020-09-17|EPI_ISL_575644|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A43C9/2020|2020-06-16|EPI_ISL_499948|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14257/2020|2020-08-20|EPI_ISL_738553|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/ALDP-9128CE/2020|2020-06-23|EPI_ISL_568467|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1552/2020|2020-04-00|EPI_ISL_685158|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B3CEBB/2020|2020-11-02|EPI_ISL_706202|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-3960/2020|2020-07-00|EPI_ISL_692208|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BE-ETHZ-310447/2020|2020-10-08|EPI_ISL_603520|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-74711/2020|2020-03-29|EPI_ISL_425327|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19015/2020|2020-12-07|EPI_ISL_748698|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-0404/2020|2020-06-24|EPI_ISL_495529|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Peru/LIM-UPCH-0030/2020|2020-06-17|EPI_ISL_540930|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Scotland/CVR4494/2020|2020-09-21|EPI_ISL_585357|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Ireland/TA-NVRL-78IRL73009/2020|2020-11-22|EPI_ISL_752547|Original|hCoV-19^^Tipperary|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-163556/2020|2020-04-25|EPI_ISL_473961|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-529/2020|2020-12-14|EPI_ISL_779940|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Japan/PG-3252/2020|2020-06-00|EPI_ISL_691367|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NM-DOH-2020318937/2020|2020-08-27|EPI_ISL_732742|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-723/2020|2020-03-28|EPI_ISL_444874|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Spain/NC-IBV-98005470/2020|2020-03-28|EPI_ISL_538609|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/MILK-A6C080/2020|2020-10-11|EPI_ISL_608882|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-ISCI-202230/2020|2020-03-11|EPI_ISL_455333|Original|hCoV-19^^Galicia|Human|Complejo Hospitalario Universitario de Santiago|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/USA/CA-CHLA-PLM09774868/2020|2020-12-01|EPI_ISL_753624|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/NY-Wadsworth-279841-01/2020|2020-11-24|EPI_ISL_754485|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19245/2020|2020-11-27|EPI_ISL_783715|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/UN-2020773/2020|2020-00-00|EPI_ISL_420550|Vero CCL81 P1|hCoV-19^^India|Human|Indian Council of Medical Research-National Institute of Virology|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/England/ALDP-B48371/2020|2020-11-07|EPI_ISL_649194|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21592/2020|2020-12-21|EPI_ISL_758253|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-96364C/2020|2020-08-10|EPI_ISL_531697|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20109002104/2020|2020-03-04|EPI_ISL_464501|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EAAA/2020|2020-10-05|EPI_ISL_587164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C7C7/2020|2020-11-07|EPI_ISL_666468|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-339/2020|2020-10-26|EPI_ISL_722553|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-10C56F3/2020|2020-12-19|EPI_ISL_741936|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/SHEF-CB432/2020|2020-03-26|EPI_ISL_442383|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Serbia/Subotica-062172304/2020|2020-04-22|EPI_ISL_676599|Original|hCoV-19^^Subotica|Human|Scientific Veterinary Institute Novi Sad|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/Denmark/DCGC-20655/2020|2020-12-21|EPI_ISL_758756|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20172054804/2020|2020-04-20|EPI_ISL_465358|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/CVR4956/2020|2020-10-06|EPI_ISL_594720|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-1856/2020|2020-05-00|EPI_ISL_685462|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/BY-MVP-V2011376/2020|2020-03-13|EPI_ISL_420902|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Singapore/1042/2020|2020-03-22|EPI_ISL_574527|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/FL-BPHL-0872/2020|2020-07-08|EPI_ISL_514218|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/EDB5121/2020|2020-05-17|EPI_ISL_453193|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Iceland/127/2020|2020-03-12|EPI_ISL_417727|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Denmark/DCGC-11829/2020|2020-10-26|EPI_ISL_671160|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5480/2020|2020-08-00|EPI_ISL_690583|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-10866/2020|2020-07-09|EPI_ISL_789666|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2039/2020|2020-06-11|EPI_ISL_563978|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MT-CDC-2-3714190/2020|2020-12-02|EPI_ISL_751775|Original|hCoV-19^^Montana|Human|MT Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/C200042763/2020|2020-11-02|EPI_ISL_666735|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-A0C204/2020|2020-10-01|EPI_ISL_584963|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-75B05/2020|2020-03-30|EPI_ISL_439482|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2449/2020|2020-05-28|EPI_ISL_545315|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B549DA/2020|2020-11-09|EPI_ISL_658064|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1819/2020|2020-06-08|EPI_ISL_618024|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/MILK-992C51/2020|2020-08-26|EPI_ISL_552045|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-958A11/2020|2020-06-15|EPI_ISL_554852|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-83A43/2020|2020-04-15|EPI_ISL_443382|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2734/2020|2020-12-17|EPI_ISL_743934|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/CE-NVRL-AIIDV1105v5/2020|2020-04-28|EPI_ISL_644315|Original|hCoV-19^^Clare|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Netherlands/NB-RIVM-20353/2020|2020-12-09|EPI_ISL_728573|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Scotland/CVR3003/2020|2020-04-23|EPI_ISL_484655|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Portugal/PT1827/2020|2020-11-15|EPI_ISL_732049|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Netherlands/Overijssel_22/2020|2020-04-14|EPI_ISL_460811|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Portugal/PT1572/2020|2020-06-28|EPI_ISL_693580|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-7803/2020|2020-10-19|EPI_ISL_618792|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1558/2020|2020-09-09|EPI_ISL_568656|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-5287/2020|2020-09-14|EPI_ISL_615218|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3169/2020|2020-03-00|EPI_ISL_691289|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-10D3D1B/2020|2020-12-19|EPI_ISL_742062|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/EDB5214/2020|2020-05-20|EPI_ISL_456987|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-286664-01/2020|2020-12-14|EPI_ISL_767450|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/IN-CDC-2-3714077/2020|2020-12-04|EPI_ISL_751626|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/USA/ID-QDX-1105/2020|2020-03-19|EPI_ISL_571836|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9B66FF/2020|2020-08-28|EPI_ISL_573030|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Sweden/20-08113/2020|2020-03-09|EPI_ISL_454484|Original|hCoV-19^^Vasternorrland|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-MCoV-11200/2020|2020-09-02|EPI_ISL_789735|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-SLB3108/2020|2020-04-19|EPI_ISL_717726|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre and Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/MILK-A19301/2020|2020-10-03|EPI_ISL_612501|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-52399/2020|2020-07-15|EPI_ISL_710587|Original|hCoV-19^^Vastra Gotaland|Human|Omtanken Grimmered|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-3274C/2020|2020-04-15|EPI_ISL_474346|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19135/2020|2020-11-23|EPI_ISL_783646|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-C0115B/2020|2020-12-05|EPI_ISL_757263|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17356/2020|2020-12-14|EPI_ISL_750928|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CHLA-PLM26509492/2020|2020-11-03|EPI_ISL_753272|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/FL-USAFSAM-S033/2020|2020-03-25|EPI_ISL_512801|Original|hCoV-19^^Florida|Human|Public Health|Public Health|Fries|USA

>Spike|hCoV-19/USA/UT-UPHL-2012737998/2020|2020-11-30|EPI_ISL_746924|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Denmark/DCGC-15902/2020|2020-11-23|EPI_ISL_714093|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WY-WYPHL-00048/2020|2020-03-25|EPI_ISL_462940|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Center for Global Health|Domman|USA

>Spike|hCoV-19/England/LEED-2A9B51/2020|2020-04-12|EPI_ISL_538855|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17083F/2020|2020-03-25|EPI_ISL_489587|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20080/2020|2020-11-12|EPI_ISL_723259|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/SHEF-CB03E/2020|2020-09-01|EPI_ISL_540753|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-ABBFD0/2020|2020-10-22|EPI_ISL_630998|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95507C/2020|2020-06-12|EPI_ISL_553412|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B32D7C/2020|2020-11-05|EPI_ISL_659433|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21671/2020|2020-12-21|EPI_ISL_758300|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AB753C/2020|2020-10-21|EPI_ISL_623636|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3362/2020|2020-07-15|EPI_ISL_548274|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/CVR4347/2020|2020-09-11|EPI_ISL_572534|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-B95102/2020|2020-11-13|EPI_ISL_673787|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-CDC-2-3693761/2020|2020-11-04|EPI_ISL_747072|Original|hCoV-19^^Louisiana|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Wales/CAMC-AEAF23/2020|2020-10-26|EPI_ISL_647909|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC194/2020|2020-04-28|EPI_ISL_700368|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-11299/2020|2020-11-02|EPI_ISL_670823|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20149008804/2020|2020-03-31|EPI_ISL_466140|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-234EDA/2020|2020-10-23|EPI_ISL_764143|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8993/2020|2020-10-26|EPI_ISL_626185|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-101FC5/2020|2020-03-23|EPI_ISL_453483|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/LOND-12635CB/2020|2020-11-04|EPI_ISL_679452|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4885D0/2020|2020-10-29|EPI_ISL_639412|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/TH-RKI-NP-0054/2020|2020-12-14|EPI_ISL_763002|Original|hCoV-19^^Thuringia|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/Australia/VIC3528/2020|2020-07-09|EPI_ISL_520277|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-ACE0D7/2020|2020-10-22|EPI_ISL_630269|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5494/2020|2020-08-00|EPI_ISL_690596|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-7342/2020|2020-08-00|EPI_ISL_688445|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA3CB6/2020|2020-10-21|EPI_ISL_624334|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Tunisia/2909/2020|2020-03-02|EPI_ISL_707791|Original|hCoV-19^^Gafsa|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/England/NOTT-11C6C2/2020|2020-11-16|EPI_ISL_652407|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-280302-01/2020|2020-11-26|EPI_ISL_754490|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/BRIS-1853DC0/2020|2020-04-27|EPI_ISL_492442|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F3C9A/2020|2020-09-24|EPI_ISL_588517|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2125/2020|2020-09-29|EPI_ISL_677530|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-20219/2020|2020-11-30|EPI_ISL_748057|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/NPHL-1645/2020|2020-08-04|EPI_ISL_561236|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/ALDP-BCA0DA/2020|2020-11-23|EPI_ISL_703460|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0862/2020|2020-06-16|EPI_ISL_593594|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-A6AE00/2020|2020-10-09|EPI_ISL_608798|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-653/2020|2020-03-11|EPI_ISL_632932|Original|hCoV-19^^Manitoba|Human|Cadham Provincial laboratory|Cadham Provincial laboratory|Majer|Canada

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH838/2020|2020-05-24|EPI_ISL_513011|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-8B7A5D/2020|2020-06-27|EPI_ISL_557040|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CFE19/2020|2020-09-16|EPI_ISL_589944|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BCOE52/2020|2020-11-23|EPI_ISL_705098|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3840/2020|2020-07-00|EPI_ISL_692091|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-11413/2020|2020-09-07|EPI_ISL_790017|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9E0735/2020|2020-09-20|EPI_ISL_601350|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA4DA/2020|2020-09-24|EPI_ISL_580163|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1016/2020|2020-04-29|EPI_ISL_463506|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-48EB32/2020|2020-11-03|EPI_ISL_680966|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3807/2020|2020-07-27|EPI_ISL_561085|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Switzerland/BS-ETHZ-130020/2020|2020-05-08|EPI_ISL_467012|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-ACTREC-050/2020|2020-05-13|EPI_ISL_699706|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Germany/HH-hpi-p2087/2020|2020-03-20|EPI_ISL_776350|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/AZ-TG366705/2020|2020-06-01|EPI_ISL_694469|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Netherlands/FL-EMC-20/2020|2020-05-22|EPI_ISL_523129|Original|hCoV-19^^Flevoland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-DC1C73/2020|2020-11-20|EPI_ISL_705821|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/AR-CDC-2-3693691/2020|2020-10-30|EPI_ISL_747067|Original|hCoV-19^^Arkansas|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-1813/2020|2020-05-25|EPI_ISL_617956|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B354FC/2020|2020-11-05|EPI_ISL_659426|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A1E2D2/2020|2020-09-29|EPI_ISL_587527|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7692/2020|2020-08-00|EPI_ISL_686794|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1592/2020|2020-05-18|EPI_ISL_530188|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/IC-0550/2020|2020-12-00|EPI_ISL_779233|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/CVR4746/2020|2020-09-19|EPI_ISL_627337|Original|hCoV-19^^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008865/2020|2020-05-28|EPI_ISL_524982|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-9B810B/2020|2020-09-04|EPI_ISL_590677|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL394/2020|2020-06-03|EPI_ISL_578800|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-DSHS-1385/2020|2020-05-13|EPI_ISL_654749|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-B86650/2020|2020-11-13|EPI_ISL_674036|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1645/2020|2020-09-10|EPI_ISL_605519|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Vietnam/VNHN_0419/2020|2020-03-10|EPI_ISL_435312|Original|hCoV-19^^Vietnam|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/USA/TX-HMH-1263/2020|2020-03-30|EPI_ISL_542617|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/OV-EMC-94/2020|2020-09-08|EPI_ISL_722847|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-510EB3/2020|2020-06-10|EPI_ISL_559071|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42355465/2020|2020-07-16|EPI_ISL_581888|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Australia/VIC7389/2020|2020-07-29|EPI_ISL_564375|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-A64DEB/2020|2020-10-11|EPI_ISL_608596|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-282B7C/2020|2020-03-28|EPI_ISL_472213|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-405a/2020|2020-06-25|EPI_ISL_586526|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Wales/PHWC-499B34/2020|2020-12-05|EPI_ISL_727405|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1694/2020|2020-06-22|EPI_ISL_618162|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-11277/2020|2020-04-30|EPI_ISL_738777|Original|hCoV-19^^California|Human|Napa-Solano-Yolo- Marin County (NSYM) Public Health Laboratories|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/CO-CSU-E0462-2/2020|2020-05-13|EPI_ISL_527480|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/UT-UPHL-2009554/2020|2020-07-15|EPI_ISL_605233|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NORT-297181/2020|2020-04-23|EPI_ISL_488159|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3413/2020|2020-08-31|EPI_ISL_616172|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-10FC0C/2020|2020-04-07|EPI_ISL_432699|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/NORT-28D4A3/2020|2020-11-17|EPI_ISL_702812|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002690/2020|2020-07-27|EPI_ISL_535552|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUA-A61610/2020|2020-10-12|EPI_ISL_628623|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495770/2020|2020-11-23|EPI_ISL_726393|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6437419/2020|2020-12-25|EPI_ISL_771083|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-BD21CD/2020|2020-11-28|EPI_ISL_702218|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-348/2020|2020-10-29|EPI_ISL_722567|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S2753/2020|2020-07-27|EPI_ISL_525743|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-A52894/2020|2020-10-07|EPI_ISL_598222|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0082/2020|2020-05-28|EPI_ISL_511836|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9276/2020|2020-07-03|EPI_ISL_781028|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-ACC5CB/2020|2020-10-21|EPI_ISL_634401|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42389973/2020|2020-08-11|EPI_ISL_581947|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-SR0135/2020|2020-03-31|EPI_ISL_445116|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Costa Rica/INC-0063/2020|2020-06-20|EPI_ISL_512669|Original|hCoV-19^^Alajuela|Human|Area De Salud Alajuela Norte - Clinica Dr. Marcial Rodriguez|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/Japan/PG-4483/2020|2020-07-00|EPI_ISL_692706|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr474/2020|2020-09-12|EPI_ISL_636902|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Slovenia/12230/2020|2020-03-24|EPI_ISL_635258|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/France/IDF-3212/2020|2020-03-23|EPI_ISL_420061|Original|hCoV-19^^\u00cele-de-France|Human|CMIP|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/MD-HP12152/2020|2020-12-29|EPI_ISL_791461|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/USA/NE-11503/2020|2020-05-05|EPI_ISL_475220|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Luxembourg/LNS0876307/2020|2020-11-30|EPI_ISL_770968|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-B04C94/2020|2020-10-23|EPI_ISL_650697|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/South Korea/KDCA0389/2020|2020-11-04|EPI_ISL_760173|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Denmark/DCGC-3155/2020|2020-08-31|EPI_ISL_615975|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99478B/2020|2020-08-25|EPI_ISL_552391|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-00639/2020|2020-11-25|EPI_ISL_770587|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-CZB-11850/2020|2020-09-30|EPI_ISL_625611|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MN129-MDH129/2020|2020-03-16|EPI_ISL_421685|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/Wales/PHWC-49B8C2/2020|2020-12-05|EPI_ISL_742400|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EE369/2020|2020-04-24|EPI_ISL_490532|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI467/2020|2020-03-25|EPI_ISL_429547|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Australia/VIC17871/2020|2020-08-27|EPI_ISL_779519|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/Canada/ON-S1439/2020|2020-08-25|EPI_ISL_591201|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Japan/PG-7056/2020|2020-08-00|EPI_ISL_688161|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LCST-24D735A/2020|2020-06-29|EPI_ISL_499810|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Latvia/077/2020|2020-07-16|EPI_ISL_501829|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/AZ-TG280881/2020|2020-04-24|EPI_ISL_694210|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Equatorial Guinea/12705/2020|2020-05-30|EPI_ISL_648312|Original|hCoV-19^^Bioko Norte|Human|Laboratorio de Investigaciones de Baney|University Hospital Basel|Hosch|Equatorial Guinea

>Spike|hCoV-19/England/OXON-AE471/2020|2020-00-00|EPI_ISL_448692|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2713/2020|2020-06-05|EPI_ISL_545497|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/APU-IZSPB-189PT/2020|2020-08-28|EPI_ISL_722866|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Netherlands/GE-EMC-276/2020|2020-06-10|EPI_ISL_523255|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/BRIS-128FE6/2020|2020-04-19|EPI_ISL_458763|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1325/2020|2020-07-14|EPI_ISL_541263|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/India/TG-CCMB-M711/2020|2020-06-11|EPI_ISL_495229|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-9ED5E3/2020|2020-05-08|EPI_ISL_589281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1459/2020|2020-04-09|EPI_ISL_549241|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Australia/VIC3380/2020|2020-07-08|EPI_ISL_521059|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-ABC1E8/2020|2020-10-21|EPI_ISL_631047|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BABF2D/2020|2020-11-18|EPI_ISL_720380|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B097CB/2020|2020-10-30|EPI_ISL_673156|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEAB98/2020|2020-10-26|EPI_ISL_633116|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD006/2020|2020-09-16|EPI_ISL_566205|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D264/2020|2020-09-23|EPI_ISL_574218|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5848/2020|2020-08-00|EPI_ISL_688965|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S1598/2020|2020-05-26|EPI_ISL_496024|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-4056/2020|2020-06-17|EPI_ISL_543332|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-11F823/2020|2020-11-26|EPI_ISL_725575|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20825/2020|2020-12-21|EPI_ISL_759388|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1899/2020|2020-05-00|EPI_ISL_685505|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A45FCC/2020|2020-10-06|EPI_ISL_598674|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-19463/2020|2020-07-31|EPI_ISL_570803|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-169426/2020|2020-04-01|EPI_ISL_499442|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-8B5A13/2020|2020-06-29|EPI_ISL_557132|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B31EB6/2020|2020-11-04|EPI_ISL_646270|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95116E/2020|2020-06-13|EPI_ISL_554279|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACC367/2020|2020-10-21|EPI_ISL_629332|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-11805/2020|2020-05-05|EPI_ISL_475235|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Wales/PHWC-1643B5/2020|2020-04-25|EPI_ISL_474169|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B69811/2020|2020-11-11|EPI_ISL_661350|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84E2D/2020|2020-11-14|EPI_ISL_676000|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/FA-0328311/2020|2020-03-28|EPI_ISL_462165|Original|hCoV-19^^Boussu|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-499615/2020|2020-05-27|EPI_ISL_559413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-2315/2020|2020-03-16|EPI_ISL_604722|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/20149024404/2020|2020-04-03|EPI_ISL_466174|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Ecuador/UEES-7332/2020|2020-00-00|EPI_ISL_672011|Original|hCoV-19^^Ecuador|Human|UEES BioLab|Omics Sciences Laboratory|Fernandez Cadena|Ecuador

>Spike|hCoV-19/USA/TX-HMH-6707/2020|2020-06-24|EPI_ISL_546184|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15990/2020|2020-07-10|EPI_ISL_785674|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2A079/2020|2020-04-04|EPI_ISL_432334|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7604/2020|2020-10-19|EPI_ISL_618500|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUI-79C4F7/2020|2020-07-15|EPI_ISL_533102|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUI-964F40/2020|2020-08-13|EPI_ISL_531053|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM01011779/2020|2020-12-03|EPI_ISL_753605|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/CAMB-1BD001/2020|2020-12-03|EPI_ISL_723921|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BRIS-12E742/2020|2020-04-21|EPI_ISL_488449|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B88982/2020|2020-11-13|EPI_ISL_675807|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AC877/2020|2020-04-05|EPI_ISL_448489|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-9B58DC/2020|2020-08-28|EPI_ISL_590215|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11191/2020|2020-11-02|EPI_ISL_670445|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20109005904/2020|2020-03-04|EPI_ISL_464520|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008622/2020|2020-09-13|EPI_ISL_654198|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-942A83/2020|2020-07-22|EPI_ISL_556871|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-300256/2020|2020-09-30|EPI_ISL_603288|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CDPH106/2020|2020-08-11|EPI_ISL_754918|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/ALDP-9E88EF/2020|2020-09-24|EPI_ISL_637417|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/EDB7107/2020|2020-08-03|EPI_ISL_514532|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Spain/MD-ISCI-2014625/2020|2020-08-18|EPI_ISL_691710|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Scotland/EDB056/2020|2020-03-18|EPI_ISL_425860|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31103/2020|2020-04-10|EPI_ISL_446405|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5911/2020|2020-08-00|EPI_ISL_689026|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-0739/2020|2020-04-00|EPI_ISL_684349|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW148/2020|2020-03-23|EPI_ISL_427683|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/NORT-286AF3/2020|2020-10-15|EPI_ISL_638574|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-AAFEB4/2020|2020-10-23|EPI_ISL_623312|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0507/2020|2020-06-10|EPI_ISL_508710|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-1272/2020|2020-03-16|EPI_ISL_570816|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-A65940/2020|2020-10-11|EPI_ISL_608642|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE7D6/2020|2020-09-09|EPI_ISL_568092|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10034004586/2020|2020-04-23|EPI_ISL_578163|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-9303/2020|2020-11-16|EPI_ISL_668897|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B1B7F3/2020|2020-11-01|EPI_ISL_645982|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-953A34/2020|2020-06-08|EPI_ISL_553861|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-QDX-2014/2020|2020-03-18|EPI_ISL_604374|Original|hCoV-19^^Pennsylvania|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-2C781/2020|2020-03-31|EPI_ISL_445907|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1189/2020|2020-08-08|EPI_ISL_582503|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/MILK-B95023/2020|2020-11-13|EPI_ISL_673814|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14238/2020|2020-11-30|EPI_ISL_711647|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000063/2020|2020-03-11|EPI_ISL_631557|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/TG-CCMB-L1453/2020|2020-05-25|EPI_ISL_471592|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/India/DL-IGIB11304392/2020|2020-07-00|EPI_ISL_751302|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/France/PAC-IHU-0959/2020|2020-07-13|EPI_ISL_569011|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-B83DE5/2020|2020-11-14|EPI_ISL_674360|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7DEE6/2020|2020-04-06|EPI_ISL_441626|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-1087/2020|2020-03-19|EPI_ISL_571828|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9C595E/2020|2020-09-10|EPI_ISL_567824|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG502738/2020|2020-07-15|EPI_ISL_695286|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Spain/PV-IBV-98007631/2020|2020-09-07|EPI_ISL_582039|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Japan/IC-0036/2020|2020-04-00|EPI_ISL_591378|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-S2327/2020|2020-06-10|EPI_ISL_496959|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/204540598/2020|2020-11-03|EPI_ISL_678656|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B198A/2020|2020-05-14|EPI_ISL_452988|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/CT-HUVH-VH6552/2020|2020-03-23|EPI_ISL_444984|Original|hCoV-19^^Catalunya|Human|Hospital Universitari Vall d'Hebron - Vall d'Hebron Institut de Recerca|Hospital Universitari Vall d'Hebron|Anton|Spain

>Spike|hCoV-19/Austria/CeMM0491/2020|2020-03-27|EPI_ISL_583580|Original|hCoV-19^^Linz|Human|Institute for Medical and Chemical Laboratory Diagnostics|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/AZ-TG547288/2020|2020-07-05|EPI_ISL_695463|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-10617/2020|2020-11-02|EPI_ISL_670091|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C31CA/2020|2020-04-30|EPI_ISL_462009|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-99A891/2020|2020-08-29|EPI_ISL_550304|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-A0656B/2020|2020-10-01|EPI_ISL_599950|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3588/2020|2020-06-15|EPI_ISL_543045|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A1D80E/2020|2020-10-03|EPI_ISL_595089|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2436/2020|2020-04-29|EPI_ISL_776503|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WI-WSLH-200239/2020|2020-04-13|EPI_ISL_578459|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-A6E1E5/2020|2020-10-15|EPI_ISL_607811|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1325/2020|2020-04-10|EPI_ISL_579705|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/VIC12027/2020|2020-07-24|EPI_ISL_641046|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AD18E8/2020|2020-10-26|EPI_ISL_634578|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-135599/2020|2020-04-12|EPI_ISL_457072|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-991CBC/2020|2020-08-27|EPI_ISL_552255|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-MH1509S/2020|2020-09-10|EPI_ISL_596284|Original|hCoV-19^^Saint Petersburg|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Shangrao/JX29/2020|2020-01-22|EPI_ISL_421244|Original|hCoV-19^^Jiangxi|Human|Jiangxi Province Center for Disease Control and Prevention|Jiangxi Province Center for Disease Control and Prevention|Xiong|China

>Spike|hCoV-19/Wales/PHWC-2B139/2020|2020-04-08|EPI_ISL_432105|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-C341B9/2020|2020-12-08|EPI_ISL_734117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006175/2020|2020-04-06|EPI_ISL_537322|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-5DCF38/2020|2020-06-17|EPI_ISL_533333|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4990EA/2020|2020-12-03|EPI_ISL_727256|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD437B/2020|2020-10-26|EPI_ISL_634698|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9CA090/2020|2020-09-10|EPI_ISL_567476|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10028/2020|2020-07-06|EPI_ISL_789293|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B99317/2020|2020-11-15|EPI_ISL_673479|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3168/2020|2020-03-24|EPI_ISL_579458|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Denmark/DCGC-7328/2020|2020-10-12|EPI_ISL_619288|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR6066/2020|2020-12-01|EPI_ISL_705725|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/DR-EMC-4/2020|2020-04-17|EPI_ISL_523122|Original|hCoV-19^^Drenthe|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Sweden/20-53341/2020|2020-11-01|EPI_ISL_710599|Original|hCoV-19^^Halland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Switzerland/ZH-ETHZ-390422/2020|2020-11-04|EPI_ISL_729069|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-BB9593/2020|2020-11-20|EPI_ISL_702584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA4541/2020|2020-10-22|EPI_ISL_624935|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B94A9F/2020|2020-11-13|EPI_ISL_676082|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-NCDC7667-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482658|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/QEUEH-C3424D/2020|2020-12-09|EPI_ISL_734044|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC_AG3/2020|2020-04-08|EPI_ISL_476502|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/MILK-B897C3/2020|2020-11-13|EPI_ISL_675737|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC8993/2020|2020-11-16|EPI_ISL_703884|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW-23555/2020|2020-08-11|EPI_ISL_570595|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/QLD1127/2020|2020-03-22|EPI_ISL_639744|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/CAMB-75B7E/2020|2020-03-30|EPI_ISL_438278|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7718/2020|2020-10-19|EPI_ISL_618582|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-MDH-0428/2020|2020-10-14|EPI_ISL_666796|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Wales/PHWC-1653E1/2020|2020-06-03|EPI_ISL_479461|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-H200446/2020|2020-10-08|EPI_ISL_752989|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/205181948/2020|2020-12-17|EPI_ISL_791213|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8179/2020|2020-10-26|EPI_ISL_617204|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA4EDD/2020|2020-10-21|EPI_ISL_630767|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18701/2020|2020-12-07|EPI_ISL_750132|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-12869/2020|2020-08-18|EPI_ISL_788021|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-CAAE6/2020|2020-11-11|EPI_ISL_680169|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-178/2020|2020-03-26|EPI_ISL_602500|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/ALDP-B83CF7/2020|2020-11-14|EPI_ISL_674233|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/QOJ-030751/2020|2020-03-07|EPI_ISL_420316|Original|hCoV-19^^Dilbeek|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/France/PAC-IHU-1363/2020|2020-08-20|EPI_ISL_569142|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/BIRM-66ED1/2020|2020-10-28|EPI_ISL_651601|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/204690958/2020|2020-11-13|EPI_ISL_686591|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16141/2020|2020-11-16|EPI_ISL_714466|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN2-MDH2/2020|2020-03-07|EPI_ISL_414589|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/USA/CA-QDX-214/2020|2020-05-01|EPI_ISL_494509|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-160021/2020|2020-06-15|EPI_ISL_486514|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/ULG-10948/2020|2020-09-05|EPI_ISL_707727|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Scotland/CAMC-A580D2/2020|2020-10-09|EPI_ISL_609177|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Argentina/PAIS-G0001/2020|2020-04-15|EPI_ISL_499083|Vero c176 P3|hCoV-19^^Cordoba|Human|Instituto de Virologia \Dr. J. M. Vanella\|Laboratorio de Virolog\u00eda|Gallego|Argentina

>Spike|hCoV-19/England/20132021204/2020|2020-03-23|EPI_ISL_423743|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2912C/2020|2020-04-03|EPI_ISL_445484|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5812/2020|2020-09-28|EPI_ISL_620999|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-3232A/2020|2020-04-09|EPI_ISL_446634|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-J166/2020|2020-04-01|EPI_ISL_447568|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Denmark/DCGC-18863/2020|2020-12-07|EPI_ISL_748604|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-AF04EF/2020|2020-10-29|EPI_ISL_662835|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-139E21/2020|2020-00-00|EPI_ISL_679347|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-74982A/2020|2020-06-29|EPI_ISL_557408|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UN-UW-5742/2020|2020-04-07|EPI_ISL_430916|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-15455/2020|2020-11-23|EPI_ISL_713833|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3579/2020|2020-06-00|EPI_ISL_691835|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UN-UW-2096/2020|2020-04-16|EPI_ISL_485950|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-19570/2020|2020-11-17|EPI_ISL_783942|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/HI-H200676/2020|2020-11-25|EPI_ISL_753199|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Canada/ON-UHTC-0166/2020|2020-05-18|EPI_ISL_569953|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/England/QEUEH-9C7F3C/2020|2020-09-11|EPI_ISL_567166|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12013/2020|2020-11-03|EPI_ISL_791355|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/England/LEED-2A973F/2020|2020-04-13|EPI_ISL_538751|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/MILK-A6B7B9/2020|2020-10-09|EPI_ISL_625420|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B545E5/2020|2020-11-08|EPI_ISL_658181|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0631/2020|2020-04-06|EPI_ISL_508835|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13737/2020|2020-08-17|EPI_ISL_788830|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG280826/2020|2020-04-21|EPI_ISL_694172|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/South Korea/KDCA0085/2020|2020-10-08|EPI_ISL_747324|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/MILK-970961/2020|2020-08-18|EPI_ISL_553241|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4307/2020|2020-10-06|EPI_ISL_775446|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Australia/VIC2728/2020|2020-07-05|EPI_ISL_521563|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/UT-AR15/2020|2020-05-24|EPI_ISL_508162|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Japan/PG-4309/2020|2020-07-00|EPI_ISL_692537|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B65E22/2020|2020-11-10|EPI_ISL_655756|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-100DDB/2020|2020-05-01|EPI_ISL_469884|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20013/2020|2020-03-13|EPI_ISL_437100|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-48BEF0/2020|2020-11-07|EPI_ISL_666368|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00239/2020|2020-04-16|EPI_ISL_681979|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/USA/TX-HMH-813/2020|2020-04-10|EPI_ISL_545847|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-999CB4/2020|2020-08-29|EPI_ISL_550311|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBEAE8/2020|2020-10-27|EPI_ISL_664164|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Portugal/PT1819/2020|2020-11-14|EPI_ISL_732042|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9CD525/2020|2020-09-16|EPI_ISL_566167|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-952446/2020|2020-06-09|EPI_ISL_555559|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2426/2020|2020-06-27|EPI_ISL_522136|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9FD805/2020|2020-10-02|EPI_ISL_587737|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-340/2020|2020-03-22|EPI_ISL_571084|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-2B861/2020|2020-04-08|EPI_ISL_445771|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12414/2020|2020-11-16|EPI_ISL_682595|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-EMC-1011/2020|2020-11-01|EPI_ISL_722605|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/MILK-9EF0D1/2020|2020-09-24|EPI_ISL_594899|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-A298D/2020|2020-06-09|EPI_ISL_500013|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20104008502/2020|2020-03-01|EPI_ISL_417229|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Iceland/597/2020|2020-03-28|EPI_ISL_424617|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMB-1AD5BA/2020|2020-04-26|EPI_ISL_489462|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAD36C/2020|2020-10-20|EPI_ISL_624077|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AE52B6/2020|2020-10-27|EPI_ISL_633327|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG548499/2020|2020-07-27|EPI_ISL_695525|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-10045/2020|2020-11-09|EPI_ISL_669358|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7562/2020|2020-07-00|EPI_ISL_686664|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9921/2020|2020-08-25|EPI_ISL_565781|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-A4C086/2020|2020-10-05|EPI_ISL_628541|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9952A7/2020|2020-08-24|EPI_ISL_552313|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/SA-Isf-31/2020|2020-07-09|EPI_ISL_672583|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh, S.|Iran

>Spike|hCoV-19/Denmark/DCGC-20359/2020|2020-12-21|EPI_ISL_759104|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Peru/JUN-INS-047/2020|2020-04-11|EPI_ISL_516647|Original|hCoV-19^^Junin|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru.|Padilla Rojas|Peru

>Spike|hCoV-19/USA/CA-CZB-13385/2020|2020-08-31|EPI_ISL_672086|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUH-AAF009/2020|2020-10-20|EPI_ISL_651549|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-3479/2020|2020-07-00|EPI_ISL_691589|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/HI-H200130/2020|2020-07-05|EPI_ISL_752693|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/MILK-A7CCC5/2020|2020-10-13|EPI_ISL_606659|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18008/2020|2020-11-16|EPI_ISL_786156|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB151/2020|2020-03-24|EPI_ISL_425919|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0342/2020|2020-05-16|EPI_ISL_698517|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUH-AD327F/2020|2020-10-25|EPI_ISL_633990|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9B9EF4/2020|2020-09-05|EPI_ISL_549695|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-SFS-S2850/2020|2020-09-01|EPI_ISL_575028|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-C90FA2/2020|2020-12-10|EPI_ISL_777141|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F1160/2020|2020-09-25|EPI_ISL_589655|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12788/2020|2020-11-02|EPI_ISL_682969|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9EAF06/2020|2020-09-24|EPI_ISL_580080|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13896D/2020|2020-10-19|EPI_ISL_627431|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CO-QDX-877/2020|2020-03-16|EPI_ISL_571592|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Switzerland/SG-ETHZ-390220/2020|2020-11-27|EPI_ISL_721849|Original|hCoV-19^^St Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-7250A/2020|2020-03-22|EPI_ISL_439875|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-02824/2020|2020-04-25|EPI_ISL_575086|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-8576/2020|2020-10-26|EPI_ISL_625932|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1780/2020|2020-06-02|EPI_ISL_496206|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Japan/PG-2223/2020|2020-04-00|EPI_ISL_685828|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A6703A/2020|2020-10-12|EPI_ISL_630481|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AAAF5C/2020|2020-10-20|EPI_ISL_652757|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-01009/2020|2020-06-06|EPI_ISL_692797|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Scotland/QEUH-A02C2E/2020|2020-09-27|EPI_ISL_585595|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0275/2020|2020-10-03|EPI_ISL_755421|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Wales/PHWC-49D383/2020|2020-12-10|EPI_ISL_742771|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/UT-RIVM-20142/2020|2020-11-30|EPI_ISL_723312|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/WA-UW-6321/2020|2020-04-02|EPI_ISL_570096|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/France/NAQ-SC589/2020|2020-05-19|EPI_ISL_663238|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Poitiers|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Switzerland/BS-UHB-42191689/2020|2020-03-15|EPI_ISL_528105|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-98C391/2020|2020-07-25|EPI_ISL_529259|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15705/2020|2020-11-23|EPI_ISL_713973|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-99008754/2020|2020-10-20|EPI_ISL_654312|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/IC-0582/2020|2020-10-00|EPI_ISL_779668|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-000231/2020|2020-03-26|EPI_ISL_631760|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/DL-NCDC-02415/2020|2020-03-30|EPI_ISL_435111|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Belgium/ULG-10502/2020|2020-09-25|EPI_ISL_581664|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-14480/2020|2020-11-30|EPI_ISL_711790|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99A8CE/2020|2020-08-29|EPI_ISL_550409|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2100/2020|2020-03-05|EPI_ISL_653253|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Canada/ON-PHL-20-90085/2020|2020-03-00|EPI_ISL_548935|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-94FCDB/2020|2020-06-16|EPI_ISL_555241|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2073/2020|2020-05-12|EPI_ISL_545103|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4958B9/2020|2020-11-24|EPI_ISL_726409|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NA_396/2020|2020-04-03|EPI_ISL_455198|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/KA-nimh-14834/2020|2020-05-08|EPI_ISL_515958|Original|hCoV-19^^Karnataka|Human|DH|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Denmark/DCGC-7037/2020|2020-10-12|EPI_ISL_619884|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-73F29/2020|2020-03-20|EPI_ISL_440324|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-B12097/2020|2020-11-02|EPI_ISL_642748|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IA-GMF-21344/2020|2020-09-20|EPI_ISL_660831|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Germany/NW-HHU-292/2020|2020-09-30|EPI_ISL_631336|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0r Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/UT-UPHL-2012873181/2020|2020-07-27|EPI_ISL_745483|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Ireland/D-NVRL-20G38988/2020|2020-03-26|EPI_ISL_671376|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Australia/NSW847/2020|2020-08-06|EPI_ISL_526189|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/CVR4163/2020|2020-08-31|EPI_ISL_540844|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-C93EEE/2020|2020-12-16|EPI_ISL_777504|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AAE5A1/2020|2020-10-22|EPI_ISL_623921|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD6B9/2020|2020-09-16|EPI_ISL_566229|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0737/2020|2020-07-16|EPI_ISL_509795|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MN-MDH-2105/2020|2020-11-06|EPI_ISL_683734|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/UT-UPHL-2009050/2020|2020-05-12|EPI_ISL_525064|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-954471/2020|2020-06-13|EPI_ISL_553757|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-895/2020|2020-05-18|EPI_ISL_614459|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9B9D51/2020|2020-09-09|EPI_ISL_549768|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC7E7A/2020|2020-10-21|EPI_ISL_634326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9F06DB/2020|2020-09-25|EPI_ISL_580839|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/LL-ISPCH-2/2020|2020-03-29|EPI_ISL_445334|Original|hCoV-19^^Los Lagos|Human|CLINICA UNIVERSITARIA DE PUERTO MONTT S.A.|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Australia/VIC16489/2020|2020-08-06|EPI_ISL_640619|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19090/2020|2020-12-07|EPI_ISL_748751|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1989/2020|2020-04-00|EPI_ISL_685594|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0521/2020|2020-06-23|EPI_ISL_560963|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-22464/2020|2020-12-14|EPI_ISL_757423|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/25LS6CE1/2020|2020-10-25|EPI_ISL_759913|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/EDB2893/2020|2020-04-01|EPI_ISL_489027|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7BAA8/2020|2020-04-04|EPI_ISL_442275|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-A58AE3/2020|2020-10-09|EPI_ISL_597163|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-C4B86F/2020|2020-12-13|EPI_ISL_769677|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E891/2020|2020-10-05|EPI_ISL_587092|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2378/2020|2020-05-15|EPI_ISL_513818|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-11608/2020|2020-11-02|EPI_ISL_670469|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6EC7B/2020|2020-10-15|EPI_ISL_607006|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002753/2020|2020-08-15|EPI_ISL_529749|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/FL-BPHL-047/2020|2020-04-16|EPI_ISL_436551|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Hong Kong/HKU-200723-051/2020|2020-04-01|EPI_ISL_497818|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/England/ALDP-B5DE78/2020|2020-11-08|EPI_ISL_723602|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8608/2020|2020-07-01|EPI_ISL_780648|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-63EA7/2020|2020-09-04|EPI_ISL_576894|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-9BE220/2020|2020-09-09|EPI_ISL_568150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B9C4D/2020|2020-11-09|EPI_ISL_664966|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC10590/2020|2020-08-28|EPI_ISL_562974|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-BCA1AA/2020|2020-11-23|EPI_ISL_703478|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0142/2020|2020-09-05|EPI_ISL_770006|Original|hCoV-19^^Puntarenas|Human|Hle - Asociacion Hogar De Ancianos De Palmar Sur De Osa|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/England/QEUH-A0B074/2020|2020-10-01|EPI_ISL_599442|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ECFC8/2020|2020-05-05|EPI_ISL_589356|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC0B95/2020|2020-11-03|EPI_ISL_705360|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-1839/2020|2020-03-14|EPI_ISL_604156|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/SHEF-C578A/2020|2020-05-22|EPI_ISL_484456|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-666381/2020|2020-07-03|EPI_ISL_555751|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-105-3/2020|2020-05-02|EPI_ISL_534332|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/Wales/PHWC-26B9A/2020|2020-03-27|EPI_ISL_422254|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8518/2020|2020-10-26|EPI_ISL_625927|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E7464/2020|2020-09-24|EPI_ISL_594470|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-207256-01/2020|2020-09-01|EPI_ISL_677090|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/India/DL-NCDC1962-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482516|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/England/201100981/2020|2020-03-08|EPI_ISL_464651|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Germany/ChVir1967/2020|2020-03-07|EPI_ISL_729491|Original|hCoV-19^^Germany|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/ALDP-A95394/2020|2020-10-19|EPI_ISL_624694|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204720526/2020|2020-11-16|EPI_ISL_678716|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3168/2020|2020-06-10|EPI_ISL_544044|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/GCVR-170A75/2020|2020-03-26|EPI_ISL_459555|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS5745708/2020|2020-12-01|EPI_ISL_770951|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/BRIS-12316D/2020|2020-04-05|EPI_ISL_442636|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-BB2828/2020|2020-11-20|EPI_ISL_702799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6157/2020|2020-10-05|EPI_ISL_620060|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A572FB/2020|2020-10-09|EPI_ISL_597520|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124DF8D/2020|2020-00-00|EPI_ISL_584661|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD6A8/2020|2020-05-01|EPI_ISL_447994|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-03083/2020|2020-08-14|EPI_ISL_765702|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Northern Ireland/NIRE-103822/2020|2020-04-16|EPI_ISL_489161|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-83463/2020|2020-04-24|EPI_ISL_438680|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K000582/2020|2020-07-13|EPI_ISL_509238|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-2F047/2020|2020-04-06|EPI_ISL_446191|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A5735/2020|2020-03-19|EPI_ISL_500146|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/UGent-82/2020|2020-03-11|EPI_ISL_468731|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Russia/KDA-RII-MH2769S/2020|2020-09-23|EPI_ISL_602440|Original|hCoV-19^^Krasnodar|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-9CD3A3/2020|2020-09-16|EPI_ISL_566281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162AA3/2020|2020-05-30|EPI_ISL_473157|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-286249-01/2020|2020-12-10|EPI_ISL_754566|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-61E045/2020|2020-07-06|EPI_ISL_557753|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1477/2020|2020-04-00|EPI_ISL_685084|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-12468/2020|2020-09-29|EPI_ISL_790352|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-10155/2020|2020-00-00|EPI_ISL_547542|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Wales/PHWC-247C5/2020|2020-03-19|EPI_ISL_419446|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BC005C/2020|2020-11-22|EPI_ISL_704737|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B35508/2020|2020-11-05|EPI_ISL_659483|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CE2A/2020|2020-11-01|EPI_ISL_645541|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22196/2020|2020-12-14|EPI_ISL_758608|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2648/2020|2020-04-00|EPI_ISL_690780|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-48CD6B/2020|2020-11-03|EPI_ISL_666536|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A87025/2020|2020-10-17|EPI_ISL_605953|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94E137/2020|2020-06-17|EPI_ISL_555602|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG366707/2020|2020-06-01|EPI_ISL_694471|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-1147/2020|2020-04-27|EPI_ISL_542552|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-D29DF/2020|2020-04-17|EPI_ISL_457684|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/EDB4930/2020|2020-05-14|EPI_ISL_473800|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22922/2020|2020-08-11|EPI_ISL_570735|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-4A3FC2/2020|2020-12-13|EPI_ISL_764650|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9E2B55/2020|2020-09-21|EPI_ISL_581227|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20102007004/2020|2020-03-02|EPI_ISL_464285|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-75/2020|2020-03-19|EPI_ISL_425199|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/ALDP-C8AC2C/2020|2020-12-16|EPI_ISL_756408|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4454/2020|2020-06-12|EPI_ISL_543631|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12803/2020|2020-08-19|EPI_ISL_790535|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-E9119/2020|2020-04-28|EPI_ISL_461822|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1089/2020|2020-11-30|EPI_ISL_768359|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-32991/2020|2020-04-14|EPI_ISL_474374|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036708302/2020|2020-10-30|EPI_ISL_682147|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/South Korea/KCDC2813/2020|2020-08-11|EPI_ISL_526746|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMB-1B0763/2020|2020-05-07|EPI_ISL_452919|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-9F5982/2020|2020-09-25|EPI_ISL_588783|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001056/2020|2020-04-01|EPI_ISL_452616|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-163028/2020|2020-05-21|EPI_ISL_473235|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1862/2020|2020-06-29|EPI_ISL_622558|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-5920/2020|2020-08-00|EPI_ISL_689035|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/0108/2020|2020-05-15|EPI_ISL_698298|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-9F2572/2020|2020-09-24|EPI_ISL_589167|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-416/2020|2020-08-11|EPI_ISL_523756|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Finland/17SS13C11/2020|2020-09-17|EPI_ISL_756250|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-48113D/2020|2020-10-18|EPI_ISL_613037|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B804C5/2020|2020-11-14|EPI_ISL_661715|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-110928/2020|2020-11-23|EPI_ISL_728541|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/South Korea/KDCA0261/2020|2020-08-14|EPI_ISL_760026|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMC-BBB9C2/2020|2020-11-21|EPI_ISL_724077|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001480/2020|2020-11-27|EPI_ISL_745414|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/WA-UW-1656/2020|2020-03-20|EPI_ISL_424198|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-6928/2020|2020-09-00|EPI_ISL_688034|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/IC-0008/2020|2020-03-00|EPI_ISL_591354|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9AAD26/2020|2020-09-01|EPI_ISL_550922|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-282DC1/2020|2020-03-29|EPI_ISL_472234|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-993FEE/2020|2020-08-25|EPI_ISL_551691|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B6AFDF/2020|2020-11-11|EPI_ISL_662340|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON_MU-S212/2020|2020-03-26|EPI_ISL_463973|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Singapore/572/2020|2020-05-20|EPI_ISL_483595|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/AZ-TG448874/2020|2020-06-29|EPI_ISL_695019|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-C2FC74/2020|2020-12-07|EPI_ISL_733771|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-848/2020|2020-03-17|EPI_ISL_571658|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-9FF469/2020|2020-09-30|EPI_ISL_600225|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14747/2020|2020-10-12|EPI_ISL_786232|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7507F/2020|2020-03-17|EPI_ISL_440405|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NOTT-110E5D/2020|2020-04-29|EPI_ISL_448427|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0418/2020|2020-05-15|EPI_ISL_698593|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Switzerland/BS-ETHZ-170026/2020|2020-06-23|EPI_ISL_486538|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1BB99F/2020|2020-11-18|EPI_ISL_679170|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-AAC7BC/2020|2020-10-21|EPI_ISL_652872|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Portugal/PT1328/2020|2020-03-18|EPI_ISL_511287|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/MILK-B8F271/2020|2020-11-13|EPI_ISL_675446|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E039B/2020|2020-09-20|EPI_ISL_601299|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1665CC/2020|2020-06-27|EPI_ISL_494020|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-BD1A1E/2020|2020-11-27|EPI_ISL_702143|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FC993/2020|2020-04-22|EPI_ISL_459332|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-814/2020|2020-03-23|EPI_ISL_571505|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/OXON-B24C5/2020|2020-04-02|EPI_ISL_479148|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17895/2020|2020-12-14|EPI_ISL_749629|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-192883-01/2020|2020-07-02|EPI_ISL_677012|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/BS-42385186/2020|2020-08-07|EPI_ISL_581941|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MA-MGH-00959/2020|2020-05-03|EPI_ISL_791835|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUEH-B3FF2E/2020|2020-11-08|EPI_ISL_657188|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC284a/2020|2020-06-30|EPI_ISL_495021|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Greece/156/2020|2020-03-16|EPI_ISL_434482|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/USA/FL-BPHL-2046/2020|2020-06-19|EPI_ISL_653199|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMB-1B9F62/2020|2020-11-04|EPI_ISL_651570|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-C5D527/2020|2020-12-14|EPI_ISL_736184|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Estonia/ChVir1985/2020|2020-03-00|EPI_ISL_420067|Original|hCoV-19^^Estonia|Human|Health Board Laboratory of Communicable Diseases|Charite\u0301 Universita\u0308tsmedizin Berlin|Muehlemann|Estonia

>Spike|hCoV-19/Japan/PG-4477/2020|2020-07-00|EPI_ISL_692700|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B3658F/2020|2020-11-05|EPI_ISL_645490|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4995EB/2020|2020-12-03|EPI_ISL_727329|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-289/2020|2020-05-22|EPI_ISL_735334|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/England/CAMC-B09E4E/2020|2020-10-31|EPI_ISL_673218|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2583/2020|2020-04-00|EPI_ISL_690717|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-958194/2020|2020-06-14|EPI_ISL_554629|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Zeeland_41/2020|2020-04-06|EPI_ISL_461280|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-MDH-1450/2020|2020-03-26|EPI_ISL_514669|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NORW-EF650/2020|2020-00-00|EPI_ISL_529388|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AF7257/2020|2020-10-29|EPI_ISL_676450|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C30609/2020|2020-12-07|EPI_ISL_783039|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-AIIDV0076v1/2020|2020-04-11|EPI_ISL_644332|Original|hCoV-19^^Dublin|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9814/2020|2020-07-06|EPI_ISL_780289|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/GCVR-173B06/2020|2020-04-07|EPI_ISL_459129|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A32D/2020|2020-11-01|EPI_ISL_645984|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-6A2A4/2020|2020-11-09|EPI_ISL_679036|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUH-B6AA1A/2020|2020-11-11|EPI_ISL_662355|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0011/2020|2020-03-20|EPI_ISL_529068|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/QEUH-A01A70/2020|2020-10-01|EPI_ISL_680003|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0112/2020|2020-08-27|EPI_ISL_755315|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUH-A36AAF/2020|2020-10-03|EPI_ISL_638692|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9F9247/2020|2020-09-26|EPI_ISL_588899|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A924F/2020|2020-03-25|EPI_ISL_517281|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/20139014404/2020|2020-03-27|EPI_ISL_421877|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7497/2020|2020-08-00|EPI_ISL_688599|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Finland/30MA7S2/2020|2020-03-30|EPI_ISL_481662|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/QEUH-9E44FE/2020|2020-09-23|EPI_ISL_601082|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F48D1/2020|2020-09-25|EPI_ISL_588293|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-215/2020|2020-08-26|EPI_ISL_583001|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LOND-124D381/2020|2020-03-24|EPI_ISL_507090|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2632/2020|2020-06-04|EPI_ISL_545439|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-AF18F1/2020|2020-10-30|EPI_ISL_666019|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-944052/2020|2020-06-07|EPI_ISL_554694|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E810/2020|2020-10-11|EPI_ISL_595508|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001044/2020|2020-10-08|EPI_ISL_633056|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMC-BC1422/2020|2020-11-22|EPI_ISL_704513|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97009994/2020|2020-03-28|EPI_ISL_683658|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-21495/2020|2020-12-21|EPI_ISL_758194|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49204B/2020|2020-11-16|EPI_ISL_706810|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-SC2-0007/2020|2020-03-12|EPI_ISL_424989|unknown|hCoV-19^^Michigan|Human|Bureau of Laboratories|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Canada/ON-UHTC_0001/2020|2020-03-23|EPI_ISL_464023|unknown|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Australia/VIC1002/2020|2020-03-31|EPI_ISL_430486|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/MA-MGH-03345/2020|2020-11-05|EPI_ISL_765795|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-4F7035/2020|2020-06-24|EPI_ISL_559110|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21118/2020|2020-03-27|EPI_ISL_507894|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC14390/2020|2020-09-02|EPI_ISL_591818|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-1978/2020|2020-04-17|EPI_ISL_653131|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-7910/2020|2020-08-00|EPI_ISL_687011|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-9A93AD/2020|2020-09-01|EPI_ISL_551132|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S691/2020|2020-04-08|EPI_ISL_449861|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-DSHS-0032/2020|2020-05-07|EPI_ISL_517965|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/India/DL-NCDC-IGIB-77797A/2020|2020-08-24|EPI_ISL_581506|Original|hCoV-19^^Delhi|Human|NCDC/IGIB|NCDC/IGIB|Faruq|India

>Spike|hCoV-19/Belgium/GQL-0328309/2020|2020-03-28|EPI_ISL_462163|Original|hCoV-19^^Ciney|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Ireland/D-SVUH-R6702/2020|2020-04-01|EPI_ISL_596656|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/USA/MN-MDH-1952/2020|2020-08-31|EPI_ISL_613474|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15238/2020|2020-10-20|EPI_ISL_786722|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-222EB1/2020|2020-12-19|EPI_ISL_741543|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-367/2020|2020-11-13|EPI_ISL_722629|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LOND-1263640/2020|2020-11-03|EPI_ISL_679460|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486CFB/2020|2020-11-01|EPI_ISL_639125|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC3455/2020|2020-07-05|EPI_ISL_521119|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-7FCBD/2020|2020-04-15|EPI_ISL_444401|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20807/2020|2020-05-20|EPI_ISL_471828|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-7080/2020|2020-06-28|EPI_ISL_546487|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9D3BC0/2020|2020-09-18|EPI_ISL_601646|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3257/2020|2020-09-05|EPI_ISL_635933|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/GCVR-1718D4/2020|2020-03-28|EPI_ISL_489661|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-UW-1311/2020|2020-08-27|EPI_ISL_536683|Original|hCoV-19^^Nevada|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Africa/KRISP-0154/2020|2020-06-01|EPI_ISL_467504|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/India/MH-ACTREC-529/2020|2020-08-25|EPI_ISL_700175|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Wales/PHWC-28AB9/2020|2020-04-01|EPI_ISL_445397|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16259/2020|2020-11-16|EPI_ISL_714670|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-114FA1/2020|2020-10-12|EPI_ISL_584784|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/CVR5836/2020|2020-11-14|EPI_ISL_666038|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9A33/2020|2020-09-24|EPI_ISL_584281|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORT-292EBC/2020|2020-05-15|EPI_ISL_489084|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B464/2020|2020-11-12|EPI_ISL_742339|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-983/2020|2020-03-15|EPI_ISL_571782|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-13807/2020|2020-11-30|EPI_ISL_712288|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B13CED/2020|2020-11-02|EPI_ISL_641909|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B02C4B/2020|2020-10-24|EPI_ISL_647849|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A55E0/2020|2020-03-20|EPI_ISL_499822|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006326/2020|2020-05-08|EPI_ISL_537682|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CT-Yale-357/2020|2020-08-17|EPI_ISL_527773|Original|hCoV-19^^Connecticut|Human|Connecticut State Department of Public Health|Grubaugh Lab - Yale School of Public Health|Fauver|USA

>Spike|hCoV-19/England/QEUEH-CC7AB0/2020|2020-12-22|EPI_ISL_760517|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C3B71/2020|2020-04-18|EPI_ISL_462011|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-9C3D72/2020|2020-09-04|EPI_ISL_566880|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204590453/2020|2020-11-06|EPI_ISL_683477|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S2769/2020|2020-07-13|EPI_ISL_530126|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-9F0583/2020|2020-09-24|EPI_ISL_580827|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0410/2020|2020-10-02|EPI_ISL_582021|Original|hCoV-19^^Bay of Plenty|Human|PathLab Bay of Plenty|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Wales/PHWC-16F88E/2020|2020-10-08|EPI_ISL_586030|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9949A3/2020|2020-08-24|EPI_ISL_552415|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/PL_P3/2020|2020-03-28|EPI_ISL_428926|Original|hCoV-19^^Malopolskie|Human|ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics Research Group; Wojew\u00f3dzka Stacja Sanitarno-Epidemiologiczna w Krakowie|ViroGenetics - BSL3 Laboratory of Virology; Human Genome Variation Research Group & Genomics Centre MCB; Bioinformatics Research Group|Kopera|Poland

>Spike|hCoV-19/England/NORW-22190C/2020|2020-12-18|EPI_ISL_764455|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NOTT-110D50/2020|2020-04-29|EPI_ISL_448413|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/QEUA-B3FAA5/2020|2020-11-08|EPI_ISL_658567|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1089/2020|2020-05-25|EPI_ISL_614514|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/ACT0058/2020|2020-03-27|EPI_ISL_498522|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/QEUA-B665A4/2020|2020-11-11|EPI_ISL_661592|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20188035704/2020|2020-04-30|EPI_ISL_465506|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-34452/2020|2020-04-16|EPI_ISL_446923|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-BEB01F/2020|2020-12-03|EPI_ISL_708953|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-718/2020|2020-03-27|EPI_ISL_444872|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/TX-HMH047/2020|2020-03-15|EPI_ISL_434756|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1719/2020|2020-06-01|EPI_ISL_496145|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-9D1D17/2020|2020-09-18|EPI_ISL_601715|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12344/2020|2020-11-16|EPI_ISL_682525|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10927/2020|2020-11-02|EPI_ISL_670287|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21453/2020|2020-03-17|EPI_ISL_507707|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LOND-1264278/2020|2020-11-16|EPI_ISL_705961|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-B882C3/2020|2020-11-13|EPI_ISL_674473|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-BB553D/2020|2020-11-21|EPI_ISL_710732|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A65861/2020|2020-10-11|EPI_ISL_637386|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13537/2020|2020-08-20|EPI_ISL_788661|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3474/2020|2020-07-00|EPI_ISL_691584|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B11FB9/2020|2020-11-01|EPI_ISL_642605|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-350383/2020|2020-10-31|EPI_ISL_728874|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-9C86EB/2020|2020-09-11|EPI_ISL_567223|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1249/2020|2020-04-02|EPI_ISL_542611|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/Utrecht_10028/2020|2020-04-01|EPI_ISL_454777|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-ALSR-2818/2020|2020-07-22|EPI_ISL_635694|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-480F43/2020|2020-10-18|EPI_ISL_613016|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC_AW2/2020|2020-04-01|EPI_ISL_463952|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-8509/2020|2020-07-01|EPI_ISL_780458|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/ULG-10561/2020|2020-10-23|EPI_ISL_626330|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/OR-OHSU-1597/2020|2020-07-21|EPI_ISL_525985|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Kazakhstan/16173/2020|2020-05-14|EPI_ISL_454497|Original|hCoV-19^^Nur-Sultan|Human|RSE \National Center for Biotechnology| RSE \National Center for Biotechnology| Kalendar|Kazakhstan

>Spike|hCoV-19/Australia/VIC3573/2020|2020-07-07|EPI_ISL_520322|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/ALDP-C497EC/2020|2020-12-11|EPI_ISL_767146|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/504/2020|2020-04-20|EPI_ISL_479582|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-AB21B5/2020|2020-10-23|EPI_ISL_623578|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13735/2020|2020-08-18|EPI_ISL_788828|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1135/2020|2020-04-08|EPI_ISL_430601|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Japan/PG-2759/2020|2020-04-00|EPI_ISL_690891|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC2183/2020|2020-06-23|EPI_ISL_521929|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B9E01B/2020|2020-11-18|EPI_ISL_721046|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4136398/2020|2020-11-10|EPI_ISL_740425|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NORW-21F85F/2020|2020-12-07|EPI_ISL_725057|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3282B/2020|2020-04-15|EPI_ISL_474355|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A194E0/2020|2020-10-03|EPI_ISL_612512|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2056/2020|2020-03-24|EPI_ISL_477700|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-9B4FF6/2020|2020-09-07|EPI_ISL_590374|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1920/2020|2020-04-23|EPI_ISL_486212|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/ALDP-B263D3/2020|2020-11-04|EPI_ISL_646752|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10504/2020|2020-11-02|EPI_ISL_670021|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BS-ETHZ-100018/2020|2020-03-08|EPI_ISL_466942|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-C77141/2020|2020-12-16|EPI_ISL_768972|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3278D/2020|2020-11-05|EPI_ISL_659420|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B727E8/2020|2020-12-04|EPI_ISL_724901|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust

/ North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/England/NOTT-112ED3/2020|2020-08-07|EPI_ISL_514453|Original|hCoV-19^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom
>Spike|hCoV-19/Austria/CeMM0931/2020|2020-03-21|EPI_ISL_583783|Original|hCoV-19^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria
>Spike|hCoV-19/England/ALDP-95316C/2020|2020-06-11|EPI_ISL_554413|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/EDB114/2020|2020-03-22|EPI_ISL_425901|Original|hCoV-19^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom
>Spike|hCoV-19/USA/NY-NYCPHL-001051/2020|2020-10-14|EPI_ISL_633062|Original|hCoV-19^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA
>Spike|hCoV-19/Russia/OMS-ORINFI-120S/2020|2020-05-14|EPI_ISL_569818|Original|hCoV-19^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia
>Spike|hCoV-19/Portugal/PT0201/2020|2020-03-29|EPI_ISL_455625|Original|hCoV-19^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal
>Spike|hCoV-19/Finland/18MR2cA8/2020|2020-11-18|EPI_ISL_757323|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland
>Spike|hCoV-19/USA/MN-MDH-1702/2020|2020-04-09|EPI_ISL_560789|Original|hCoV-19^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA
>Spike|hCoV-19/New Zealand/20VR3493/2020|2020-04-20|EPI_ISL_579506|Original|hCoV-19^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/England/ALDP-A94429/2020|2020-10-19|EPI_ISL_610942|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC594/2020|2020-03-25|EPI_ISL_426851|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia
>Spike|hCoV-19/England/MILK-BABC44/2020|2020-11-18|EPI_ISL_681460|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-AE522F/2020|2020-10-27|EPI_ISL_633382|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-19386/2020|2020-11-30|EPI_ISL_783809|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/QEUEH-B6851B/2020|2020-11-11|EPI_ISL_655045|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/India/WB-IK47/2020|2020-05-04|EPI_ISL_508374|Original|hCoV-19^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India
>Spike|hCoV-19/USA/WA-UW-334/2020|2020-03-24|EPI_ISL_524438|Original|hCoV-19^Washington|Human|University of Washington Virology Lab|Laboratory Medicine|Roychoudhury|USA
>Spike|hCoV-19/Wales/PHWC-4A2330/2020|2020-12-10|EPI_ISL_743874|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Peru/LIM-INS-099/2020|2020-07-04|EPI_ISL_536498|Original|hCoV-19^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/England/ALDP-CEC8F7/2020|2020-12-21|EPI_ISL_782202|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000952/2020|2020-09-29|EPI_ISL_632989|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-C326BC/2020|2020-12-11|EPI_ISL_782707|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Egypt/EGY-S031/2020|2020-08-17|EPI_ISL_526986|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/England/20104008802/2020|2020-03-03|EPI_ISL_417231|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-2494/2020|2020-04-00|EPI_ISL_686099|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B0AE3E/2020|2020-10-30|EPI_ISL_643611|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7DA00/2020|2020-04-06|EPI_ISL_441778|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-B81A0E/2020|2020-11-14|EPI_ISL_667895|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1697C3/2020|2020-07-26|EPI_ISL_512513|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A640A6/2020|2020-10-11|EPI_ISL_628686|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-90C5EE/2020|2020-06-23|EPI_ISL_553335|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1334/2020|2020-06-01|EPI_ISL_618008|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/HI-H200350/2020|2020-09-15|EPI_ISL_752906|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Spain/VC-FISABIO-233/2020|2020-03-26|EPI_ISL_436328|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/LA-EVTL1338/2020|2020-12-11|EPI_ISL_779004|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-C3A3EA/2020|2020-12-09|EPI_ISL_731066|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3444661/2020|2020-11-19|EPI_ISL_740311|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MA-MGH-03156/2020|2020-09-09|EPI_ISL_765723|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/MI-QDX-1630/2020|2020-03-17|EPI_ISL_603961|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Sweden/20-52899/2020|2020-09-16|EPI_ISL_766593|Original|hCoV-19^^Stockholm|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-AA0F74/2020|2020-10-22|EPI_ISL_624555|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99E2F9/2020|2020-08-31|EPI_ISL_550760|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SG-ETHZ-140018/2020|2020-05-18|EPI_ISL_476088|Original|hCoV-19^^Sankt Gallen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MN-MDH-1037/2020|2020-05-07|EPI_ISL_462882|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-BC7D8B/2020|2020-11-23|EPI_ISL_721277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S281/2020|2020-02-29|EPI_ISL_430135|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-4A55CE/2020|2020-12-16|EPI_ISL_764890|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16436A/2020|2020-05-03|EPI_ISL_474164|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15974/2020|2020-11-30|EPI_ISL_739319|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-B04F04/2020|2020-10-24|EPI_ISL_650632|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WI-UW-67/2020|2020-03-25|EPI_ISL_421325|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-94FA4A/2020|2020-06-16|EPI_ISL_555195|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95666A/2020|2020-06-08|EPI_ISL_553982|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3B02F/2020|2020-11-01|EPI_ISL_679736|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0513/2020|2020-05-29|EPI_ISL_485824|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Jordan/AM-ALSR-3946/2020|2020-09-30|EPI_ISL_636310|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Australia/VIC12393/2020|2020-07-28|EPI_ISL_640423|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-104/2020|2020-06-07|EPI_ISL_475165|Original|hCoV-19^^Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/MI-UM-10036421549/2020|2020-10-13|EPI_ISL_610097|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-B47E62/2020|2020-11-07|EPI_ISL_649258|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2557/2020|2020-06-01|EPI_ISL_545384|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/205201132/2020|2020-12-17|EPI_ISL_791221|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48254F/2020|2020-10-20|EPI_ISL_613227|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C338/2020|2020-05-07|EPI_ISL_472472|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2448/2020|2020-06-16|EPI_ISL_497080|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Canada/ON_QGLO-018/2020|2020-03-27|EPI_ISL_459875|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Center|Queen's Genomics Lab at Ongwanada (Q-GLO)|Sjaarda|Canada

>Spike|hCoV-19/USA/MN-MDH-1383/2020|2020-07-09|EPI_ISL_507971|Original|hCoV-19^^Minnesota|Human|Avera McKennan Laboratory|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-280141/2020|2020-09-08|EPI_ISL_560505|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-DSHS-1371/2020|2020-05-11|EPI_ISL_654770|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20169032504/2020|2020-04-17|EPI_ISL_465227|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Germany/NW-UBI-49/2020|2020-03-12|EPI_ISL_631302|Original|hCoV-19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/USA/TX-HMH-2620/2020|2020-06-03|EPI_ISL_545432|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NH-EMC-46/2020|2020-06-11|EPI_ISL_523415|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MA-MASPHL-00730/2020|2020-09-22|EPI_ISL_692942|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8924/2020|2020-07-02|EPI_ISL_780835|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-CB2809/2020|2020-12-01|EPI_ISL_761039|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-AFMC-5318/2020|2020-05-21|EPI_ISL_496539|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/NORW-E9647/2020|2020-04-22|EPI_ISL_453609|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/NA_568/2020|2020-04-11|EPI_ISL_460732|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OR-OHSU-3912/2020|2020-10-30|EPI_ISL_667516|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUH-9AEF86/2020|2020-09-03|EPI_ISL_573519|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-10116/2020|2020-00-00|EPI_ISL_547563|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response

team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/MI-MDHHS-SC21268/2020|2020-04-03|EPI_ISL_507523|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA
>Spike|hCoV-19/England/MILK-B9780B/2020|2020-11-14|EPI_ISL_674958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-11485/2020|2020-11-02|EPI_ISL_670949|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/WA-UW-11630/2020|2020-06-18|EPI_ISL_570449|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/England/ALDP-9CB439/2020|2020-09-16|EPI_ISL_575704|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/South Africa/LR00136/2020|2020-07-20|EPI_ISL_514367|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa
>Spike|hCoV-19/Australia/VIC15120/2020|2020-08-13|EPI_ISL_593146|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/NY-NYUMC233/2020|2020-04-06|EPI_ISL_427633|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/Denmark/DCGC-19299/2020|2020-12-07|EPI_ISL_748260|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/VIC5015/2020|2020-07-18|EPI_ISL_519819|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/PORT-2D363F/2020|2020-04-15|EPI_ISL_517529|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom
>Spike|hCoV-19/Costa Rica/INC-0058/2020|2020-06-18|EPI_ISL_512664|Original|hCoV-19^^Alajuela|Human|Area De Salud Alajuela Norte - Clinica Dr. Marcial Rodriguez|Inciensa|Brenes Porras|Costa Rica
>Spike|hCoV-19/USA/TX-HMH-5251/2020|2020-06-23|EPI_ISL_544628|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/BRIS-12B2CC/2020|2020-05-02|EPI_ISL_487532|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/ZuidHolland_198/2020|2020-04-28|EPI_ISL_461370|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Spain/CM-IBV-003883/2020|2020-05-18|EPI_ISL_474826|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain
>Spike|hCoV-19/USA/FL-BPHL-0142/2020|2020-03-09|EPI_ISL_480793|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Wales/PHWC-497EE2/2020|2020-11-30|EPI_ISL_726994|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Netherlands/NH-RIVM-10071/2020|2020-05-01|EPI_ISL_547498|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Spain/VC-IBV-98003615/2020|2020-03-17|EPI_ISL_538630|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/210100350/2021|2021-01-04|EPI_ISL_791234|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410219/2020|2020-12-14|EPI_ISL_737436|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-48E1B8/2020|2020-11-09|EPI_ISL_680819|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00978/2020|2020-11-03|EPI_ISL_692804|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/FL-BPHL-0780/2020|2020-04-07|EPI_ISL_512584|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/France/PAC-MEPHI-1703/2020|2020-09-17|EPI_ISL_644427|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/NY-Wadsworth-192891-01/2020|2020-07-04|EPI_ISL_677019|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Belgium/DRR-0401366/2020|2020-04-01|EPI_ISL_462220|Original|hCoV-19^^Ploegsteert|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/WA-S2295/2020|2020-06-10|EPI_ISL_497723|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-1AAD3D/2020|2020-04-19|EPI_ISL_470280|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4598/2020|2020-08-00|EPI_ISL_689735|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-3881/2020|2020-07-17|EPI_ISL_548546|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/NJ-NYUMC421/2020|2020-04-22|EPI_ISL_435488|Original|hCoV-19^^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/AZ-TG664525/2020|2020-04-20|EPI_ISL_696142|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/BRIS-126A23/2020|2020-04-09|EPI_ISL_458932|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204721103/2020|2020-11-16|EPI_ISL_678722|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14678/2020|2020-11-23|EPI_ISL_711209|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/NA_501/2020|2020-03-24|EPI_ISL_460674|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OR-OHSU-2987/2020|2020-09-10|EPI_ISL_667450|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/QEUH-A5E203/2020|2020-10-12|EPI_ISL_597514|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-600/2020|2020-09-18|EPI_ISL_578028|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-4A5573/2020|2020-12-16|EPI_ISL_764885|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1281/2020|2020-12-10|EPI_ISL_778947|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-4203/2020|2020-06-19|EPI_ISL_543434|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-484AB7/2020|2020-10-23|EPI_ISL_628076|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-7DE13/2020|2020-04-07|EPI_ISL_470465|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1396/2020|2020-11-09|EPI_ISL_645123|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-B088E7/2020|2020-10-30|EPI_ISL_643934|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8757/2020|2020-09-00|EPI_ISL_686353|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-7665/2020|2020-06-26|EPI_ISL_546925|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B1DB22/2020|2020-11-01|EPI_ISL_646120|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5290/2020|2020-09-14|EPI_ISL_615221|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9DCE55/2020|2020-09-21|EPI_ISL_599678|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D402/2020|2020-04-06|EPI_ISL_441601|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-321519/2020|2020-10-15|EPI_ISL_603728|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/South Africa/N00038/2020|2020-08-13|EPI_ISL_623057|Original|hCoV-19^^Eastern Cape|Human|National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/TX-HMH-MCoV-8560/2020|2020-07-01|EPI_ISL_780472|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2248/2020|2020-05-10|EPI_ISL_510586|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Northern Ireland/NIRE-1091C7/2020|2020-10-20|EPI_ISL_652320|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/NOTT-112301/2020|2020-04-22|EPI_ISL_484369|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/HI-H200590/2020|2020-11-20|EPI_ISL_753116|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Brazil/RJ-2776/2020|2020-04-27|EPI_ISL_467363|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/ALDP-49DEBF/2020|2020-05-19|EPI_ISL_559558|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14248/2020|2020-10-03|EPI_ISL_787533|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/ABR-IZSGC-TE4891/2020|2020-03-17|EPI_ISL_528920|Original|hCoV-19^^Abruzzo|Human|Presidio Ospedaliero \Santo Spirito\ -Pescara|Istitituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/USA/CA-LACPHL-AE00038/2020|2020-07-15|EPI_ISL_708730|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/USA/AZ-TG547245/2020|2020-07-03|EPI_ISL_695444|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUEH-9DD285/2020|2020-09-21|EPI_ISL_599525|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9FFC3/2020|2020-10-20|EPI_ISL_652698|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/OXON-B0C0B/2020|2020-04-23|EPI_ISL_478946|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-BAAA87/2020|2020-11-17|EPI_ISL_681519|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-73A73/2020|2020-03-31|EPI_ISL_425272|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-B02355/2020|2020-10-23|EPI_ISL_642769|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8358/2020|2020-10-26|EPI_ISL_617090|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-NIV-226874/2020|2020-09-25|EPI_ISL_577640|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Wales/PHWC-495A2C/2020|2020-11-25|EPI_ISL_726428|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-320201/2020|2020-10-10|EPI_ISL_737685|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/DL-NCDC-3400/2020|2020-04-06|EPI_ISL_436436|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-9544/2020|2020-07-03|EPI_ISL_781176|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-492791/2020|2020-11-29|EPI_ISL_725698|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3877/2020|2020-07-16|EPI_ISL_636256|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-7485/2020|2020-08-00|EPI_ISL_688587|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR322/2020|2020-03-20|EPI_ISL_439050|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MD-HP12033/2020|2020-11-08|EPI_ISL_791367|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/USA/NE-10900/2020|2020-05-04|EPI_ISL_466667|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Netherlands/GE-EMC-342/2020|2020-10-20|EPI_ISL_632742|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9938F2/2020|2020-08-26|EPI_ISL_552192|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-10878A/2020|2020-09-09|EPI_ISL_585202|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0135/2020|2020-05-18|EPI_ISL_698173|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-A79B61/2020|2020-10-15|EPI_ISL_606837|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/MILK-A6B77D/2020|2020-10-09|EPI_ISL_625412|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9CA995/2020|2020-09-10|EPI_ISL_567451|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/CM20000221/2020|2020-11-05|EPI_ISL_733574|Original|hCoV-19^^Hong Kong|Human|Temporary Specimen Collection Centre|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/Finland/S11CA6/2020|2020-10-30|EPI_ISL_732628|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/TX-HMH-MCoV-16376/2020|2020-11-02|EPI_ISL_786060|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-BA3A33/2020|2020-11-18|EPI_ISL_672755|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/Rega-0328191/2020|2020-03-28|EPI_ISL_458161|Original|hCoV-19^^Dour|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Belgium/UGent-323/2020|2020-12-09|EPI_ISL_745210|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/USA/NV-NSPHL-A0041/2020|2020-03-23|EPI_ISL_515324|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Australia/VIC14224/2020|2020-08-01|EPI_ISL_592400|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-ACE259/2020|2020-10-21|EPI_ISL_629173|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1686C7/2020|2020-04-20|EPI_ISL_494272|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-216/2020|2020-08-05|EPI_ISL_539788|Original|hCoV-19^^Azua|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/England/MILK-A1851B/2020|2020-09-30|EPI_ISL_595044|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Japan/PG-5954/2020|2020-00-00|EPI_ISL_689069|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Norway/3123/2020|2020-08-07|EPI_ISL_549146|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/TX-HMH-5905/2020|2020-06-30|EPI_ISL_547099|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-96A047/2020|2020-08-10|EPI_ISL_530819|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/WA107/2020|2020-03-17|EPI_ISL_512760|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/QEUA-9D3173/2020|2020-09-17|EPI_ISL_577312|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-270215/2020|2020-08-30|EPI_ISL_541461|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S328/2020|2020-04-03|EPI_ISL_434088|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUA-C3229A/2020|2020-12-11|EPI_ISL_782694|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E5A9/2020|2020-10-06|EPI_ISL_586600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21075/2020|2020-12-21|EPI_ISL_759537|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Hangzhou/HZCDC0025/2020|2020-01-21|EPI_ISL_421234|Original|hCoV-19^^Hangzhou|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China

>Spike|hCoV-19/England/QEUA-C316EA/2020|2020-12-10|EPI_ISL_731297|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1147A9/2020|2020-10-08|EPI_ISL_584751|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/South Korea/YS008/2020|2020-06-07|EPI_ISL_660110|Vero P3|hCoV-19^^Seoul|Human|Division of Infectious Diseases|Department of biotechnology|Kim|South Korea

>Spike|hCoV-19/England/NORT-282004/2020|2020-03-25|EPI_ISL_472188|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC13482/2020|2020-08-03|EPI_ISL_592258|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-5265/2020|2020-09-14|EPI_ISL_615196|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-A4B773/2020|2020-10-08|EPI_ISL_628477|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-956/2020|2020-03-16|EPI_ISL_571757|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-469/2020|2020-08-17|EPI_ISL_523805|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/QC-LSPQ-L00221605/2020|2020-03-16|EPI_ISL_535809|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Denmark/DCGC-6895/2020|2020-10-12|EPI_ISL_619740|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-00538/2020|2020-03-19|EPI_ISL_460275|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/MILK-A7ADA6/2020|2020-10-15|EPI_ISL_606432|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C9C48/2020|2020-12-15|EPI_ISL_727891|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-A2243F/2020|2020-10-01|EPI_ISL_587601|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D7B62/2020|2020-09-18|EPI_ISL_576616|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-DC6C41/2020|2020-11-30|EPI_ISL_703310|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0131/2020|2020-04-29|EPI_ISL_515399|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/USA/VA-DCLS-1084/2020|2020-06-18|EPI_ISL_528678|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/NMDOH-2020323679/2020|2020-09-01|EPI_ISL_542089|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16250/2020|2020-10-19|EPI_ISL_785934|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0940/2020|2020-06-27|EPI_ISL_699076|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/MI-MDHHS-SC22351/2020|2020-11-09|EPI_ISL_708331|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Germany/HH-hpi-p2161/2020|2020-03-28|EPI_ISL_775690|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Germany/BW-MVZ-LS-21/2020|2020-04-15|EPI_ISL_640239|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/South Korea/KCDC2726/2020|2020-07-14|EPI_ISL_522505|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/USA/FL-BPHL-2232/2020|2020-08-10|EPI_ISL_666854|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NORW-F5156/2020|2020-11-21|EPI_ISL_725224|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012432/2020|2020-10-13|EPI_ISL_780073|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-99B65/2020|2020-04-13|EPI_ISL_439803|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/BC_24192775/2020|2020-03-00|EPI_ISL_463196|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-181/2020|2020-06-20|EPI_ISL_483629|Original|hCoV-19^^Rajshahi|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Switzerland/AG-ETHZ-420521/2020|2020-12-22|EPI_ISL_767982|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/ALDP-AA382B/2020|2020-10-22|EPI_ISL_625013|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1535878/2020|2020-11-27|EPI_ISL_739951|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Austria/CeMM0100/2020|2020-03-20|EPI_ISL_437961|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II|Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Japan/PG-5447/2020|2020-08-00|EPI_ISL_690550|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW2750/2020|2020-09-02|EPI_ISL_530340|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Finland/23LS6E9/2020|2020-10-23|EPI_ISL_759784|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUA-C544BA/2020|2020-12-12|EPI_ISL_736238|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl425/2020|2020-03-09|EPI_ISL_775922|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-BB204E/2020|2020-11-18|EPI_ISL_720234|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C49C83/2020|2020-12-11|EPI_ISL_718877|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A74E/2020|2020-12-02|EPI_ISL_727590|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18587/2020|2020-11-20|EPI_ISL_784935|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-4B15ED/2020|2020-06-04|EPI_ISL_559204|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D602/2020|2020-12-11|EPI_ISL_742808|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW287/2020|2020-03-15|EPI_ISL_418072|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUEH-AACAE0/2020|2020-10-21|EPI_ISL_652893|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-2454/2020|2020-04-00|EPI_ISL_686059|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-17194/2020|2020-12-14|EPI_ISL_750815|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-2746/2020|2020-06-04|EPI_ISL_545523|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4998F1/2020|2020-12-04|EPI_ISL_727375|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10885/2020|2020-11-13|EPI_ISL_678428|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Canada/ON-S1470/2020|2020-08-26|EPI_ISL_591106|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/WA-S1571/2020|2020-05-26|EPI_ISL_495997|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-8071/2020|2020-07-01|EPI_ISL_545837|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18887/2020|2020-11-25|EPI_ISL_785198|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/MO-NVRL-20G45847/2020|2020-04-03|EPI_ISL_681909|Original|hCoV-19^^Mayo|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Scotland/CVR4675/2020|2020-09-28|EPI_ISL_611878|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C714/2020|2020-11-08|EPI_ISL_655829|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A8565/2020|2020-03-26|EPI_ISL_517180|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9E516F/2020|2020-09-24|EPI_ISL_601063|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201031937/2020|2020-06-21|EPI_ISL_611497|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/BRIS-1307C5/2020|2020-04-12|EPI_ISL_492622|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA40D7/2020|2020-10-22|EPI_ISL_624154|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A524A/2020|2020-09-02|EPI_ISL_550081|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-82310C/2020|2020-07-17|EPI_ISL_557220|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664250/2020|2020-04-28|EPI_ISL_696053|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-36599/2020|2020-04-30|EPI_ISL_474685|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B77B62/2020|2020-11-12|EPI_ISL_661853|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1825/2020|2020-09-09|EPI_ISL_605697|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13263/2020|2020-08-25|EPI_ISL_788412|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2241/2020|2020-05-08|EPI_ISL_510579|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/NoordBrabant_146/2020|2020-04-05|EPI_ISL_461181|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-LACPHL-AE00057/2020|2020-07-09|EPI_ISL_765995|Original|hCoV-19^^California|Human|USC Clinical Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/Singapore/213/2020|2020-04-17|EPI_ISL_462331|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-AAE477/2020|2020-10-20|EPI_ISL_623942|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4139/2020|2020-08-29|EPI_ISL_540827|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/IA-CDC-4054/2020|2020-03-10|EPI_ISL_648000|Original|hCoV-19^^Iowa|Human|IA State Hygienic Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22131/2020|2020-10-19|EPI_ISL_614182|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUEH-AF1123/2020|2020-10-29|EPI_ISL_665410|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1798/2020|2020-05-12|EPI_ISL_512190|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/CVR5703/2020|2020-11-04|EPI_ISL_650736|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14638/2020|2020-10-10|EPI_ISL_787923|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-678E1/2020|2020-11-04|EPI_ISL_650233|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Canada/ON-S1242/2020|2020-04-27|EPI_ISL_586310|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUEH-B66B93/2020|2020-11-11|EPI_ISL_662551|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-405/2020|2020-03-18|EPI_ISL_480387|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CO-CDPHE-2008021160/2020|2020-07-23|EPI_ISL_710319|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/CA-ALSR-1972/2020|2020-06-26|EPI_ISL_512270|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-BFB46B/2020|2020-12-04|EPI_ISL_709196|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0030D/2020|2020-10-02|EPI_ISL_600382|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B4CE/2020|2020-11-14|EPI_ISL_742344|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5CE79/2020|2020-11-10|EPI_ISL_655894|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0226/2020|2020-04-03|EPI_ISL_452803|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-83BB9/2020|2020-04-16|EPI_ISL_443344|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/ML-ISCI-202452/2020|2020-03-14|EPI_ISL_455348|Original|hCoV-19^^Melilla|Human|Hospital Comarcal de Melilla|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Norway/5401/2020|2020-10-26|EPI_ISL_708079|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Spain/CT-IBV-97009577/2020|2020-08-19|EPI_ISL_683604|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-A6F09C/2020|2020-10-14|EPI_ISL_607695|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200105/2020|2020-03-31|EPI_ISL_578337|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Wales/PHWC-49343F/2020|2020-11-29|EPI_ISL_725886|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-NIV-7786/2020|2020-04-06|EPI_ISL_452209|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/LA-GBCL-26556570/2020|2020-04-15|EPI_ISL_485199|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-28-3/2020|2020-08-08|EPI_ISL_577751|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-14284/2020|2020-11-30|EPI_ISL_711116|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08372/2020|2020-05-12|EPI_ISL_524155|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-96B34D/2020|2020-08-13|EPI_ISL_531354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7258/2020|2020-11-00|EPI_ISL_740643|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajek|Canada

>Spike|hCoV-19/Australia/VIC2294/2020|2020-06-28|EPI_ISL_522015|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-3209/2020|2020-08-24|EPI_ISL_616765|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Gelderland_39/2020|2020-04-22|EPI_ISL_460939|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/GSTT-265D27B/2020|2020-03-16|EPI_ISL_483933|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8442/2020|2020-07-01|EPI_ISL_784397|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9C20B6/2020|2020-09-11|EPI_ISL_566541|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7F79E/2020|2020-04-08|EPI_ISL_443019|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-AD07DD/2020|2020-10-26|EPI_ISL_647967|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0130/2020|2020-03-12|EPI_ISL_479856|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-08432/2020|2020-05-26|EPI_ISL_524208|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC17917/2020|2020-08-24|EPI_ISL_779556|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Beck|Australia

>Spike|hCoV-19/USA/ID-UW-3196/2020|2020-03-26|EPI_ISL_490992|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-A36E58/2020|2020-10-05|EPI_ISL_638720|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2057/2020|2020-03-26|EPI_ISL_683686|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-BBB036/2020|2020-11-20|EPI_ISL_701680|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97007949/2020|2020-10-07|EPI_ISL_654516|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Norway/4633/2020|2020-10-18|EPI_ISL_635175|Original|hCoV-19^^Vestland|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/UT-UPHL-201109489/2020|2020-10-01|EPI_ISL_623179|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/BL-42222531/2020|2020-04-06|EPI_ISL_581685|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Switzerland/TG-ETHZ-410087/2020|2020-12-17|EPI_ISL_737819|Original|hCoV-19^^Thurgau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB082/2020|2020-03-28|EPI_ISL_429032|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/20136096704/2020|2020-03-23|EPI_ISL_420649|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480040/2020|2020-10-22|EPI_ISL_612844|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/reg-0423599/2020|2020-04-23|EPI_ISL_734646|Original|hCoV-19^^Sint-Gilles|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/South Korea/KCDC2453/2020|2020-06-07|EPI_ISL_514856|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/EXET-13EE77/2020|2020-12-14|EPI_ISL_763556|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11373/2020|2020-11-02|EPI_ISL_670872|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C22D7/2020|2020-09-15|EPI_ISL_559899|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/AZ-TG320868/2020|2020-05-20|EPI_ISL_694333|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Scotland/CVR5749/2020|2020-11-09|EPI_ISL_651954|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/OH-UW-2597/2021|2021-01-03|EPI_ISL_791114|Original|hCoV-19^^Ohio|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/QEUEH-B319F1/2020|2020-11-04|EPI_ISL_646353|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495F2D/2020|2020-11-23|EPI_ISL_726506|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1012/2020|2020-04-30|EPI_ISL_462857|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMC-A41ED2/2020|2020-10-06|EPI_ISL_609495|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000894/2020|2020-07-15|EPI_ISL_632963|Original|hCoV-19^^New York|Human|NYC Department Of Health And Mental Hygiene|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/India/TG-NGC-CDFD-08/2020|2020-05-12|EPI_ISL_466846|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/CAMC-B08E12/2020|2020-10-29|EPI_ISL_672923|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130F45/2020|2020-03-24|EPI_ISL_501558|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7501/2020|2020-10-12|EPI_ISL_619381|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1980/2020|2020-11-09|EPI_ISL_732203|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-11890/2020|2020-10-26|EPI_ISL_671199|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A64CDF/2020|2020-10-09|EPI_ISL_608429|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/KK-NVRL-73IRL21709/2020|2020-09-04|EPI_ISL_578308|Original|hCoV-19^^Kilkenny|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-AA325A/2020|2020-10-22|EPI_ISL_625039|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-200230-01/2020|2020-07-02|EPI_ISL_677064|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MA-MGH-00018/2020|2020-03-25|EPI_ISL_460102|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Japan/DP0804/2020|2020-02-17|EPI_ISL_416631|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC5904/2020|2020-07-22|EPI_ISL_518684|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-81FOA/2020|2020-04-23|EPI_ISL_438594|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/205261298/2020|2020-12-18|EPI_ISL_754377|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7CCD3/2020|2020-11-14|EPI_ISL_741821|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC9600/2020|2020-08-19|EPI_ISL_565620|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-95F133/2020|2020-08-05|EPI_ISL_532530|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3081E/2020|2020-04-08|EPI_ISL_446285|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14328/2020|2020-10-06|EPI_ISL_787613|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-82C5D/2020|2020-04-22|EPI_ISL_438674|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002607/2020|2020-07-30|EPI_ISL_535471|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/PHWC-48008C/2020|2020-10-22|EPI_ISL_612040|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Singapore/1418/2020|2020-11-11|EPI_ISL_654817|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMC-A6653C/2020|2020-10-11|EPI_ISL_626662|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/OXON-B2A78/2020|2020-03-09|EPI_ISL_534790|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19189/2020|2020-12-07|EPI_ISL_748802|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-01282/2020|2020-06-00|EPI_ISL_548887|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/PORT-2D3E82/2020|2020-04-22|EPI_ISL_512417|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001109/2020|2020-10-19|EPI_ISL_671692|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/BRIS-18538B0/2020|2020-04-15|EPI_ISL_492318|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S309/2020|2020-03-28|EPI_ISL_586392|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Denmark/DCGC-13396/2020|2020-11-30|EPI_ISL_712772|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-1520/2020|2020-06-23|EPI_ISL_683435|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/NSW2051/2020|2020-03-22|EPI_ISL_509494|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Israel/130710390/2020|2020-04-17|EPI_ISL_447461|Original|hCoV-19^^Tel Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Denmark/DCGC-17042/2020|2020-12-14|EPI_ISL_750725|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB6443/2020|2020-04-27|EPI_ISL_491556|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-12936/2020|2020-06-29|EPI_ISL_570935|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Gambia/NPHL-2538/2020|2020-07-21|EPI_ISL_561272|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/OXON-AE7B4/2020|2020-00-00|EPI_ISL_448719|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-A1E384/2020|2020-09-29|EPI_ISL_587430|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/2939/2020|2020-04-17|EPI_ISL_437354|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/England/ALDP-B63D81/2020|2020-11-08|EPI_ISL_655502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-4026/2020|2020-08-05|EPI_ISL_548673|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NORW-E8305/2020|2020-04-08|EPI_ISL_449140|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Kenya/C2685/2020|2020-04-25|EPI_ISL_457884|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Netherlands/ZH-EMC-762/2020|2020-10-01|EPI_ISL_632599|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-5992/2020|2020-07-00|EPI_ISL_689105|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/CT-IBV-99009925/2020|2020-08-13|EPI_ISL_660321|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-B1CEA2/2020|2020-11-01|EPI_ISL_645713|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7276E/2020|2020-03-23|EPI_ISL_439881|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4536/2020|2020-06-22|EPI_ISL_543701|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-CB4B1D/2020|2020-12-18|EPI_ISL_761117|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A6215/2020|2020-03-21|EPI_ISL_499694|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13076/2020|2020-11-30|EPI_ISL_712569|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-UW-133/2020|2020-04-12|EPI_ISL_427440|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CO-CDPHE-2004220685/2020|2020-04-21|EPI_ISL_710180|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Denmark/DCGC-9229/2020|2020-11-16|EPI_ISL_668606|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A59332/2020|2020-10-08|EPI_ISL_596992|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1291/2020|2020-06-08|EPI_ISL_618075|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BBB397/2020|2020-11-21|EPI_ISL_702425|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49BD87/2020|2020-12-06|EPI_ISL_742465|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483B3D/2020|2020-10-14|EPI_ISL_627897|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42197260/2020|2020-03-18|EPI_ISL_528211|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/CAMC-B0711A/2020|2020-10-29|EPI_ISL_643653|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-321090/2020|2020-10-14|EPI_ISL_737703|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-3747/2020|2020-06-16|EPI_ISL_543159|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-ACF16A/2020|2020-10-22|EPI_ISL_629647|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124D56D/2020|2020-06-16|EPI_ISL_507108|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/CAMC-BC063C/2020|2020-11-19|EPI_ISL_705061|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAE705/2020|2020-10-22|EPI_ISL_630827|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3439/2020|2020-06-01|EPI_ISL_636030|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/France/HDF-1684/2020|2020-02-29|EPI_ISL_414626|Original|hCoV-19^^Hauts-de-France|Human|unknown|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Denmark/DCGC-4563/2020|2020-09-21|EPI_ISL_621360|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/NF-11/2020|2020-04-00|EPI_ISL_591481|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC11304/2020|2020-08-25|EPI_ISL_563323|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2D159E/2020|2020-04-20|EPI_ISL_512402|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03611/2020|2020-11-00|EPI_ISL_775119|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-48BBCC/2020|2020-11-02|EPI_ISL_666332|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201116223/2020|2020-05-13|EPI_ISL_648592|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-B96CC4/2020|2020-11-13|EPI_ISL_675073|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-8588/2020|2020-11-00|EPI_ISL_740835|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Japan/PG-7760/2020|2020-04-00|EPI_ISL_686862|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-3794/2020|2020-08-10|EPI_ISL_622666|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-QDX-794/2020|2020-03-21|EPI_ISL_571488|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-BB8E8A/2020|2020-11-20|EPI_ISL_702696|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1165/2020|2020-07-03|EPI_ISL_634965|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/20148033504/2020|2020-03-31|EPI_ISL_466057|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16CA03/2020|2020-06-26|EPI_ISL_574120|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AC842C/2020|2020-10-21|EPI_ISL_629211|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F6C72/2020|2020-12-01|EPI_ISL_706382|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-943712/2020|2020-08-02|EPI_ISL_532598|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B54794/2020|2020-11-08|EPI_ISL_658286|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-B31821/2020|2020-11-04|EPI_ISL_676426|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1701/2020|2020-09-05|EPI_ISL_609981|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/New Zealand/20CV0598/2020|2020-11-18|EPI_ISL_682279|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-A872A7/2020|2020-10-17|EPI_ISL_606255|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW761/2020|2020-07-20|EPI_ISL_513403|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/NOTT-1105D0/2020|2020-04-26|EPI_ISL_441534|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10576/2020|2020-11-02|EPI_ISL_670063|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-NMDOH-2020324112/2020|2020-09-02|EPI_ISL_632825|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Brazil/PA-0229/2020|2020-04-01|EPI_ISL_470603|Original|hCoV-19^^Par\u00e1|Human|Hermes Pardini|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-CDPH083/2020|2020-07-20|EPI_ISL_754968|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/ALDP-C484E6/2020|2020-12-12|EPI_ISL_736651|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1047/2020|2020-06-15|EPI_ISL_628715|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUIH-BC39D6/2020|2020-11-25|EPI_ISL_704133|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-002492/2020|2020-03-14|EPI_ISL_467056|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/VIC737/2020|2020-03-30|EPI_ISL_427016|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/LEED-2A8B34/2020|2020-04-01|EPI_ISL_539152|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0245/2020|2020-07-01|EPI_ISL_569909|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/NORT-28846C/2020|2020-11-21|EPI_ISL_725015|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-B7C6C6/2020|2020-11-14|EPI_ISL_727813|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B85590/2020|2020-11-14|EPI_ISL_674392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F9538/2020|2020-12-01|EPI_ISL_706415|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/EKHU-260F1F3/2020|2020-05-19|EPI_ISL_501631|Original|hCoV-19^^England|Human|Lab Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-24/2020|2020-03-09|EPI_ISL_419688|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-B97294/2020|2020-11-14|EPI_ISL_675101|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB2460/2020|2020-11-18|EPI_ISL_720297|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9184/2020|2020-07-02|EPI_ISL_780987|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-F918F/2020|2020-11-26|EPI_ISL_704916|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0282/2020|2020-03-31|EPI_ISL_569429|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/MI-UM-10035547701/2020|2020-08-19|EPI_ISL_583258|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-19466/2020|2020-12-07|EPI_ISL_748965|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-CEAF4F/2020|2020-12-21|EPI_ISL_781331|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1614/2020|2020-05-19|EPI_ISL_494687|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LIVE-A3B0E/2020|2020-06-10|EPI_ISL_490393|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Finland/24SS11G1/2020|2020-09-24|EPI_ISL_759828|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/PORT-2EA486/2020|2020-00-00|EPI_ISL_665615|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMB-1BABC7/2020|2020-11-13|EPI_ISL_664549|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR3108/2020|2020-04-25|EPI_ISL_461681|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1765/2020|2020-10-04|EPI_ISL_613871|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/New Zealand/20VR1297/2020|2020-03-20|EPI_ISL_456213|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/England/QEUH-B69C60/2020|2020-11-11|EPI_ISL_655026|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S001042/2020|2020-05-05|EPI_ISL_495566|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-A45867/2020|2020-10-06|EPI_ISL_598763|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9586B3/2020|2020-06-09|EPI_ISL_554790|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_167/2020|2020-04-03|EPI_ISL_461339|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/NA_62/2020|2020-03-09|EPI_ISL_422823|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1B8ABD/2020|2020-00-00|EPI_ISL_650961|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-401/2020|2020-07-29|EPI_ISL_700050|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/20142015404/2020|2020-03-31|EPI_ISL_465922|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDED5/2020|2020-06-08|EPI_ISL_584541|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25919/2020|2020-03-25|EPI_ISL_422229|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-1854248/2020|2020-04-28|EPI_ISL_492427|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2011210344/2020|2020-11-19|EPI_ISL_771274|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/VA-DCLS-2408/2020|2020-11-20|EPI_ISL_734179|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/Belgium/regal-11271172/2020|2020-11-27|EPI_ISL_735225|Original|hCoV-19^^Bilzen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Canada/QC-LSPQ-L00233169/2020|2020-03-22|EPI_ISL_536010|Original|hCoV-19^^Quebec|Human|H\u00f4pital Sainte-Croix|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/QEUA-9A422D/2020|2020-09-01|EPI_ISL_540226|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B1298D/2020|2020-11-02|EPI_ISL_642225|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48403D/2020|2020-10-24|EPI_ISL_627958|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-11677A/2020|2020-10-13|EPI_ISL_612571|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/BRIS-12B0B3/2020|2020-05-05|EPI_ISL_469842|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB46EF/2020|2020-12-18|EPI_ISL_761065|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7E442/2020|2020-11-14|EPI_ISL_668271|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/TAM-RII-MH2856S/2020|2020-09-26|EPI_ISL_733038|Original|hCoV-19^^Tambov|Human|HELIIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/New Zealand/20VR3144/2020|2020-03-21|EPI_ISL_579436|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/LIVE-9CE0F/2020|2020-04-26|EPI_ISL_440946|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8376/2020|2020-10-26|EPI_ISL_617339|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15571/2020|2020-11-23|EPI_ISL_713242|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-946C89/2020|2020-07-16|EPI_ISL_556820|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW300/2020|2020-03-13|EPI_ISL_418868|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-9E0568/2020|2020-09-20|EPI_ISL_601388|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1725/2020|2020-05-04|EPI_ISL_617384|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB8685/2020|2020-10-24|EPI_ISL_650165|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410346/2020|2020-12-17|EPI_ISL_737591|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-18155/2020|2020-12-14|EPI_ISL_749785|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-7557E2/2020|2020-07-18|EPI_ISL_533000|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49398B/2020|2020-11-30|EPI_ISL_725963|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18880/2020|2020-11-24|EPI_ISL_785193|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-981F01/2020|2020-08-10|EPI_ISL_552783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B94A71/2020|2020-11-13|EPI_ISL_676102|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-94B792/2020|2020-07-16|EPI_ISL_556792|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1052-SAN/2020|2020-06-21|EPI_ISL_483484|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-2606/2020|2020-04-00|EPI_ISL_690740|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-9C8126/2020|2020-09-11|EPI_ISL_567240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-L10-CD174/2020|2020-03-17|EPI_ISL_476187|Original|hCoV-19^^Rio Grande do Sul|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/England/ALDP-BC7B18/2020|2020-11-23|EPI_ISL_721283|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201104904/2020|2020-04-09|EPI_ISL_623205|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Germany/HH-hpi-pl842/2020|2020-03-22|EPI_ISL_776193|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/PHWC-16088D/2020|2020-05-20|EPI_ISL_472987|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B7875E/2020|2020-11-09|EPI_ISL_783490|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11119/2020|2020-11-02|EPI_ISL_670401|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A77BB/2020|2020-03-27|EPI_ISL_517070|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42201513/2020|2020-03-21|EPI_ISL_528298|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/France/PAC-IHU-1513/2020|2020-08-12|EPI_ISL_569184|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/NORW-F3F7C/2020|2020-10-09|EPI_ISL_725172|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-B694FF/2020|2020-11-11|EPI_ISL_676319|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3034/2020|2020-09-01|EPI_ISL_635803|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-19713/2020|2020-12-07|EPI_ISL_748522|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/VD-ETHZ-320405/2020|2020-10-12|EPI_ISL_737885|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Gibraltar/205121263/2020|2020-00-00|EPI_ISL_766382|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Wales/PHWC-319B0/2020|2020-04-10|EPI_ISL_446512|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/TAS224/2020|2020-03-27|EPI_ISL_522653|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-6532E4/2020|2020-07-03|EPI_ISL_558153|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B048BE/2020|2020-10-24|EPI_ISL_652172|Original|hCoV-19^^Wales|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20503/2020|2020-11-17|EPI_ISL_728718|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/CAMB-1B3AA3/2020|2020-05-27|EPI_ISL_461574|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E4A0/2020|2020-10-15|EPI_ISL_606985|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA1C8/2020|2020-11-23|EPI_ISL_703248|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C0D7E/2020|2020-11-22|EPI_ISL_680112|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-B96E0A/2020|2020-11-14|EPI_ISL_675114|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUIH-BA19FC/2020|2020-11-18|EPI_ISL_719772|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NE-10862/2020|2020-05-04|EPI_ISL_475191|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Wales/PHWC-26866/2020|2020-03-27|EPI_ISL_422281|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-1126AE/2020|2020-04-14|EPI_ISL_490563|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A1CCD/2020|2020-12-11|EPI_ISL_743802|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13304/2020|2020-11-30|EPI_ISL_712305|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/GE-ETHZ-350211/2020|2020-10-30|EPI_ISL_693859|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-UW-908/2020|2020-07-12|EPI_ISL_509909|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-8007/2020|2020-10-26|EPI_ISL_617122|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19561/2020|2020-12-07|EPI_ISL_749026|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A0B1EA/2020|2020-09-30|EPI_ISL_599192|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_219/2020|2020-05-10|EPI_ISL_461391|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUA-A9B3CB/2020|2020-10-20|EPI_ISL_625345|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B971B5/2020|2020-11-14|EPI_ISL_674842|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1621/2020|2020-04-23|EPI_ISL_494692|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A6DBBB/2020|2020-10-14|EPI_ISL_607765|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48A7BA/2020|2020-11-04|EPI_ISL_652599|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-B3F8BA/2020|2020-11-08|EPI_ISL_658457|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9EE7EC/2020|2020-09-23|EPI_ISL_580844|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1132/2020|2020-10-31|EPI_ISL_626643|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-A67D9D/2020|2020-10-09|EPI_ISL_608909|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/VEN-UniVR-31/2020|2020-08-28|EPI_ISL_751346|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/USA/LA-EVTL834/2020|2020-07-28|EPI_ISL_653525|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/20148035504/2020|2020-04-02|EPI_ISL_466063|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EE66/2020|2020-10-14|EPI_ISL_607180|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26513004/2020|2020-04-23|EPI_ISL_485069|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Israel/CVL-38-ngs/2020|2020-12-24|EPI_ISL_776578|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Scotland/QEUH-9902AC/2020|2020-08-29|EPI_ISL_534451|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC104/2020|2020-05-07|EPI_ISL_451149|Original|hCoV-19^^Gujarat|Human|M.P Shah Government Medocal college Jamnagar|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMC-B78545/2020|2020-11-11|EPI_ISL_661742|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22436/2020|2020-11-18|EPI_ISL_708269|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/CAMB-7CED8/2020|2020-04-06|EPI_ISL_442208|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-005112/2020|2020-04-26|EPI_ISL_510382|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-B33564/2020|2020-11-05|EPI_ISL_659153|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B76161/2020|2020-11-12|EPI_ISL_723739|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORT-1B87355/2020|2020-10-13|EPI_ISL_724977|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-9CBC6E/2020|2020-09-16|EPI_ISL_575410|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0435/2020|2020-03-20|EPI_ISL_454159|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/NY-Wadsworth-288843-01/2020|2020-12-18|EPI_ISL_767488|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-2ED23/2020|2020-04-07|EPI_ISL_446144|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-A82A86/2020|2020-10-12|EPI_ISL_610867|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/464/2020|2020-05-04|EPI_ISL_475995|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Scotland/EDB5893/2020|2020-04-29|EPI_ISL_473868|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-B61FAB/2020|2020-11-08|EPI_ISL_656535|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D41B7/2020|2020-04-06|EPI_ISL_444097|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-ACF7A4/2020|2020-10-22|EPI_ISL_629442|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1266F7F/2020|2020-12-10|EPI_ISL_741235|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16696/2020|2020-11-02|EPI_ISL_714923|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11793/2020|2020-08-01|EPI_ISL_591684|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-08091/2020|2020-03-20|EPI_ISL_454463|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/LA-EVTL956/2020|2020-08-13|EPI_ISL_653647|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-95FD02/2020|2020-08-03|EPI_ISL_531891|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL1882/2020|2020-07-22|EPI_ISL_528511|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/India/MH-ACTREC-192/2020|2020-06-22|EPI_ISL_699846|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-15513/2020|2020-11-23|EPI_ISL_713862|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Nigeria/KW298-CV48/2020|2020-05-08|EPI_ISL_487107|Original|hCoV-19^^Kwara State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Germany/NW-HHU-241/2020|2020-09-15|EPI_ISL_631374|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Austria/CeMM0490/2020|2020-03-21|EPI_ISL_583579|Original|hCoV-19^^Hochficht|Human|Institute for Medical and Chemical Laboratory Diagnostics|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-6529/2020|2020-10-05|EPI_ISL_619429|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K004323/2020|2020-10-25|EPI_ISL_660199|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-B96EFB/2020|2020-11-13|EPI_ISL_674993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3670/2020|2020-08-11|EPI_ISL_516745|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-4195/2020|2020-09-21|EPI_ISL_622088|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-32FF9/2020|2020-04-13|EPI_ISL_446723|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD5E3D/2020|2020-10-26|EPI_ISL_634581|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1891/2020|2020-05-28|EPI_ISL_496317|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-14724/2020|2020-11-23|EPI_ISL_711933|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-52657/2020|2020-06-02|EPI_ISL_660421|Original|hCoV-19^^Orebro|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUEH-AD0DF9/2020|2020-10-26|EPI_ISL_633720|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LOM-UniMI15/2020|2020-03-18|EPI_ISL_780411|Original|hCoV-19^^Lombardy|Human|Laboratory of Infectious Diseases|Laboratory of Infectious Diseases|Lai|Italy

>Spike|hCoV-19/England/MILK-A22B2B/2020|2020-10-03|EPI_ISL_611756|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11688/2020|2020-10-26|EPI_ISL_671069|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8C766/2020|2020-11-13|EPI_ISL_675992|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03604/2020|2020-11-00|EPI_ISL_775112|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/PORT-2D1D4B/2020|2020-04-03|EPI_ISL_499274|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Germany/BY-ChVir-W1130-5743/2020|2020-03-27|EPI_ISL_754034|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/LIVE-DCBA7F/2020|2020-11-24|EPI_ISL_724449|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A69074/2020|2020-10-12|EPI_ISL_609133|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2186/2020|2020-03-21|EPI_ISL_776414|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-A91732/2020|2020-10-19|EPI_ISL_705980|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19357/2020|2020-12-07|EPI_ISL_748345|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC11320/2020|2020-07-13|EPI_ISL_563328|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-12443/2020|2020-11-16|EPI_ISL_682624|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9F65F6/2020|2020-09-27|EPI_ISL_600748|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/C7855/2020|2020-05-17|EPI_ISL_568850|Original|hCoV-19^^Kwale|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/201360052/2020|2020-03-24|EPI_ISL_423202|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1737/2020|2020-05-07|EPI_ISL_542804|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG408186/2020|2020-06-16|EPI_ISL_694927|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A511A9/2020|2020-10-07|EPI_ISL_598111|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15624/2020|2020-07-28|EPI_ISL_593383|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-3895/2020|2020-09-07|EPI_ISL_615614|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8665/2020|2020-08-11|EPI_ISL_565135|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A50E94/2020|2020-10-07|EPI_ISL_597697|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D56A8/2020|2020-04-16|EPI_ISL_449713|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03758/2020|2020-11-00|EPI_ISL_775041|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Japan/PG-5461/2020|2020-08-00|EPI_ISL_690564|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/MH-NVRL-77IRL72666/2020|2020-11-05|EPI_ISL_752522|Original|hCoV-19^^Meath|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Japan/PG-0874/2020|2020-04-00|EPI_ISL_684484|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2D0B8E/2020|2020-04-24|EPI_ISL_577195|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/LOND-12F0DCB/2020|2020-11-29|EPI_ISL_705337|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-7616C/2020|2020-03-30|EPI_ISL_439465|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-CC9720/2020|2020-12-23|EPI_ISL_782116|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WH2-145/2020|2020-03-02|EPI_ISL_455369|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/QEUEH-7DADD4/2020|2020-07-20|EPI_ISL_532892|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-0525/2020|2020-06-15|EPI_ISL_526098|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Japan/PG-1154/2020|2020-04-00|EPI_ISL_684764|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2009235/2020|2020-05-15|EPI_ISL_525228|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/RI-IBV-99010994/2020|2020-10-22|EPI_ISL_732817|Original|hCoV-19^^La_Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/QEUEH-9D0862/2020|2020-09-16|EPI_ISL_601846|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10175/2020|2020-05-08|EPI_ISL_455963|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/BRIS-12181F/2020|2020-03-03|EPI_ISL_440235|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Jordan/AQ-ALSR-5276/2020|2020-10-18|EPI_ISL_730514|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Wales/PHWC-2C684/2020|2020-03-31|EPI_ISL_445892|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/204200095/2020|2020-10-10|EPI_ISL_609864|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K001364/2020|2020-07-16|EPI_ISL_515849|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-14715/2020|2020-11-23|EPI_ISL_711926|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Shanghai/SH0080/2020|2020-02-08|EPI_ISL_416382|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/England/BRIS-125F07/2020|2020-03-31|EPI_ISL_443894|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/OH-ODH-SC35177/2020|2020-04-23|EPI_ISL_778862|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/England/QEUEH-AD48F4/2020|2020-10-25|EPI_ISL_634091|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-B0F2B5/2020|2020-11-02|EPI_ISL_649530|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-550/2020|2020-03-19|EPI_ISL_571273|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-7671/2020|2020-08-00|EPI_ISL_686773|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20126025902/2020|2020-03-18|EPI_ISL_418758|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/UT-58264-CSIR-IGIB/2020|2020-08-03|EPI_ISL_636798|Original|hCoV-19^^Uttarakhand|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/France/ARA-06391/2020|2020-03-06|EPI_ISL_525536|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Scotland/QEUH-9B78CB/2020|2020-09-08|EPI_ISL_602107|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-3276/2020|2020-03-00|EPI_ISL_548166|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Japan/Donner45/2020|2020-06-20|EPI_ISL_644950|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/Italy/TUS-UOS-18/2020|2020-06-07|EPI_ISL_591329|Original|hCoV-19^^Tuscany|Human|Dipartimento di Biotecnologie Mediche|Dipartimento di Biotecnologie Mediche|Cusi|Italy

>Spike|hCoV-19/Germany/NW-HHU-340/2020|2020-10-13|EPI_ISL_666629|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Japan/PG-1383/2020|2020-04-00|EPI_ISL_684990|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYUMC331/2020|2020-04-13|EPI_ISL_430358|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Netherlands/Utrecht_2/2020|2020-03-03|EPI_ISL_414436|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Portugal/PT1064/2020|2020-03-28|EPI_ISL_511611|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/NSW1265/2020|2020-12-22|EPI_ISL_740896|Original|hCoV-19^^New South Wales|Human|Histopath|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Scotland/QEUH-AD1C19/2020|2020-10-26|EPI_ISL_644007|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB7C55/2020|2020-10-21|EPI_ISL_623599|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0052/2020|2020-06-00|EPI_ISL_591394|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW646/2020|2020-07-01|EPI_ISL_498765|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Concord Repatriation General Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Russia/StPetersburg-RII8409S/2020|2020-04-22|EPI_ISL_450282|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-3949/2020|2020-07-00|EPI_ISL_692198|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-1E214C/2020|2020-09-28|EPI_ISL_594860|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9C2317/2020|2020-09-09|EPI_ISL_566628|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-96D466/2020|2020-08-20|EPI_ISL_530664|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB5BF/2020|2020-11-19|EPI_ISL_702486|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CC2684/2020|2020-12-21|EPI_ISL_760255|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SEARCH-5361/2020|2020-12-15|EPI_ISL_755173|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/ZH-RIVM-10339/2020|2020-00-00|EPI_ISL_636596|Original|hCoV-19^^ZuidHolland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/South Africa/R10874/2020|2020-06-19|EPI_ISL_490311|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Australia/TAS133/2020|2020-04-16|EPI_ISL_522599|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49979A/2020|2020-12-03|EPI_ISL_727354|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10B2E2E/2020|2020-05-16|EPI_ISL_537220|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1236/2020|2020-11-17|EPI_ISL_763305|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-A85027/2020|2020-10-16|EPI_ISL_610611|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2AA042/2020|2020-04-08|EPI_ISL_538949|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E2C7/2020|2020-10-09|EPI_ISL_595433|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32C01/2020|2020-04-14|EPI_ISL_446665|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15150/2020|2020-11-23|EPI_ISL_738971|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-UW-21734/2020|2020-08-05|EPI_ISL_570996|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/201360122/2020|2020-03-25|EPI_ISL_423217|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008810/2020|2020-05-29|EPI_ISL_524836|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-BBC5EB/2020|2020-11-21|EPI_ISL_724159|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1724/2020|2020-03-15|EPI_ISL_776104|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Indonesia/YO-UGM-00061/2020|2020-06-16|EPI_ISL_575331|Original|hCoV-19^^Special Region of Yogyakarta|Human|RSUD Wates|Genetics Working Group (Pokja Genetik) Faculty of Medicine|Gunadi|Indonesia

>Spike|hCoV-19/England/20132003204/2020|2020-03-22|EPI_ISL_423712|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7FA3B/2020|2020-04-08|EPI_ISL_470413|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-337/2020|2020-06-24|EPI_ISL_523678|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUH-96F21F/2020|2020-08-15|EPI_ISL_530539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB036/2020|2020-03-25|EPI_ISL_429039|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Singapore/731/2020|2020-06-22|EPI_ISL_500552|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Canada/QC-LSPQ-L00238804/2020|2020-03-26|EPI_ISL_536221|Original|hCoV-19^^Quebec|Human|Centre hospitalier Anna-Laberge|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/SHEF-D02C7/2020|2020-05-27|EPI_ISL_535091|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC6179/2020|2020-07-22|EPI_ISL_518184|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-2796/2020|2020-04-00|EPI_ISL_690923|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/United Arab Emirates/L920634731/2020|2020-03-31|EPI_ISL_520728|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/England/LIVE-DB2BA5/2020|2020-11-03|EPI_ISL_651355|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9C35E3/2020|2020-09-10|EPI_ISL_566695|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8F833/2020|2020-11-13|EPI_ISL_674767|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17501/2020|2020-08-19|EPI_ISL_663542|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah18/2020|2020-03-23|EPI_ISL_437467|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Denmark/DCGC-13519/2020|2020-11-30|EPI_ISL_712850|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C0682/2020|2020-03-25|EPI_ISL_420232|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUH-B7FDFB/2020|2020-11-14|EPI_ISL_661841|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1525/2020|2020-03-18|EPI_ISL_603778|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/VA-DCLS-0339/2020|2020-05-19|EPI_ISL_467939|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/QEUA-BC4225/2020|2020-11-24|EPI_ISL_703612|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/RI-IBV-005995/2020|2020-03-22|EPI_ISL_500427|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/England/QEUA-C3482D/2020|2020-12-11|EPI_ISL_733976|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A06431/2020|2020-10-01|EPI_ISL_599927|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-15582/2020|2020-10-26|EPI_ISL_787066|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/20092096704/2020|2020-02-24|EPI_ISL_464183|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-01961/2020|2020-04-15|EPI_ISL_575244|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/TX-HMH-547/2020|2020-04-07|EPI_ISL_544796|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/TX-QDX-262/2020|2020-04-30|EPI_ISL_498743|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Denmark/DCGC-4050/2020|2020-09-14|EPI_ISL_622006|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/EXET-139B75/2020|2020-00-00|EPI_ISL_679325|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom
>Spike|hCoV-19/England/MILK-9C3B87/2020|2020-09-09|EPI_ISL_566852|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-14079/2020|2020-11-30|EPI_ISL_711552|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/VA-DCLS-0592/2020|2020-03-28|EPI_ISL_526812|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA
>Spike|hCoV-19/England/MILK-975D42/2020|2020-08-20|EPI_ISL_552727|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Spain/MD-IBV-99008671/2020|2020-10-01|EPI_ISL_654230|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/England/QEUA-AD06B2/2020|2020-10-23|EPI_ISL_629791|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-MCoV-14646/2020|2020-10-10|EPI_ISL_787931|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/ALDP-B76116/2020|2020-11-12|EPI_ISL_723735|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Northern Ireland/NIRE-2336F1/2020|2020-09-29|EPI_ISL_680310|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom
>Spike|hCoV-19/Netherlands/NoordBrabant_158/2020|2020-04-22|EPI_ISL_461193|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR4068/2020|2020-08-31|EPI_ISL_535159|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC5750/2020|2020-07-21|EPI_ISL_518549|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-MEPHI-2181/2020|2020-09-28|EPI_ISL_644524|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/CAMC-B227EA/2020|2020-11-01|EPI_ISL_647291|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13394/2020|2020-11-30|EPI_ISL_712107|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MD-MDH-0140/2020|2020-07-09|EPI_ISL_534700|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-10167/2020|2020-11-09|EPI_ISL_669431|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Israel/CVL-37-ngs/2020|2020-12-24|EPI_ISL_776629|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Wales/PHWC-15C990/2020|2020-05-03|EPI_ISL_472564|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3651/2020|2020-04-00|EPI_ISL_691904|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-2866/2020|2020-06-08|EPI_ISL_543836|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-122CA9/2020|2020-04-01|EPI_ISL_440703|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_MH-13/2020|2020-06-28|EPI_ISL_774999|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/MILK-AC9A65/2020|2020-10-21|EPI_ISL_630148|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9FD87/2020|2020-06-02|EPI_ISL_472061|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/IC-0062/2020|2020-06-00|EPI_ISL_591404|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Italy/VEN-UniVR-144/2020|2020-04-06|EPI_ISL_751441|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/England/ALDP-BE8EDC/2020|2020-12-02|EPI_ISL_708981|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10379/2020|2020-11-02|EPI_ISL_669562|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6D74E/2020|2020-10-15|EPI_ISL_608101|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-400/2020|2020-07-29|EPI_ISL_700049|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-15700/2020|2020-07-10|EPI_ISL_785384|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB4365/2020|2020-04-24|EPI_ISL_449298|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0028/2020|2020-04-02|EPI_ISL_467438|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-8508/2020|2020-09-00|EPI_ISL_687607|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/OR-OHSU-0452/2020|2020-06-09|EPI_ISL_525811|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/ALDP-952428/2020|2020-06-09|EPI_ISL_555735|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/VAM-0506416/2020|2020-05-06|EPI_ISL_462270|Original|hCoV-19^^Bauffe|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-17972/2020|2020-12-14|EPI_ISL_749672|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-19225/2020|2020-09-08|EPI_ISL_547795|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Portugal/PT2079/2020|2020-11-13|EPI_ISL_732293|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-MCoV-8458/2020|2020-07-01|EPI_ISL_780571|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/DL-NCDC3788-CSIR-IGIB/2020|2020-05-20|EPI_ISL_482572|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/France/PAC-IHU-0283/2020|2020-03-31|EPI_ISL_569430|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Scotland/QEUH-9B52CF/2020|2020-09-02|EPI_ISL_602072|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15367/2020|2020-12-08|EPI_ISL_738658|Original|hCoV-19^^California|Human|Monterey County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WA-S1004/2020|2020-04-29|EPI_ISL_463494|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A51B05/2020|2020-10-07|EPI_ISL_598122|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-53766/2020|2020-12-20|EPI_ISL_766636|Original|hCoV-19^^Ostergotland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/204621525/2020|2020-11-10|EPI_ISL_700611|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009090318/2020|2020-09-08|EPI_ISL_677314|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Scotland/EDB6907/2020|2020-05-09|EPI_ISL_526513|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/201640110/2020|2020-04-14|EPI_ISL_466439|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-7BE8E/2020|2020-04-05|EPI_ISL_470435|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20G35116/2020|2020-03-20|EPI_ISL_605133|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Singapore/310/2020|2020-04-06|EPI_ISL_462428|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-CC99DF/2020|2020-12-23|EPI_ISL_781922|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A475AA/2020|2020-10-06|EPI_ISL_598339|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6D3F7C/2020|2020-07-02|EPI_ISL_556226|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-13310/2020|2020-07-03|EPI_ISL_501136|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/CVR2745/2020|2020-04-18|EPI_ISL_438943|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUEH-C5BC8E/2020|2020-12-14|EPI_ISL_736099|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1244/2020|2020-05-04|EPI_ISL_614760|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4931/2020|2020-07-14|EPI_ISL_519305|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NV-NSPHL-A0054/2020|2020-03-27|EPI_ISL_515336|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/ALDP-9CB82E/2020|2020-09-16|EPI_ISL_575409|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-77B30/2020|2020-03-31|EPI_ISL_439510|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-3126/2020|2020-05-00|EPI_ISL_691248|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CO-CSU-D1990-1/2020|2020-04-02|EPI_ISL_527454|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/CAMB-7AA6D/2020|2020-04-10|EPI_ISL_433831|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31534/2020|2020-04-12|EPI_ISL_446458|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3971C/2020|2020-12-07|EPI_ISL_767194|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6629/2020|2020-08-00|EPI_ISL_687741|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1020/2020|2020-04-06|EPI_ISL_614480|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-2121/2020|2020-10-30|EPI_ISL_683750|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-CZB-2277/2020|2020-03-18|EPI_ISL_513773|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-0197/2020|2020-03-20|EPI_ISL_479902|Original|hCoV-19^^Kanto|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9543FC/2020|2020-06-13|EPI_ISL_553733|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC_AC6/2020|2020-04-05|EPI_ISL_444509|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/QEUEH-B1170C/2020|2020-11-02|EPI_ISL_642471|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4298/2020|2020-10-09|EPI_ISL_648950|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-B46EAF/2020|2020-11-07|EPI_ISL_656094|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K000596/2020|2020-07-02|EPI_ISL_509249|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Spain/VC-IBV-98000415/2020|2020-03-28|EPI_ISL_539222|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Finland/15A99S16/2020|2020-04-15|EPI_ISL_481564|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Switzerland/VD-ETHZ-210053/2020|2020-07-19|EPI_ISL_511990|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-96FD5A/2020|2020-08-18|EPI_ISL_540297|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2086/2020|2020-02-22|EPI_ISL_497987|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-998FDA/2020|2020-08-24|EPI_ISL_541821|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0159/2020|2020-04-14|EPI_ISL_437792|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Gibraltar/204462806/2020|2020-10-29|EPI_ISL_614981|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Panama/338393/2020|2020-04-09|EPI_ISL_496868|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/TBSD-2488F54/2020|2020-04-26|EPI_ISL_482062|Original|hCoV-19^^England|Human|The Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0792/2020|2020-05-19|EPI_ISL_698932|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/HECH-259A343/2020|2020-06-04|EPI_ISL_488846|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6163/2020|2020-08-00|EPI_ISL_689275|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-13403/2020|2020-08-23|EPI_ISL_788546|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9521D6/2020|2020-06-09|EPI_ISL_553660|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_08534834/2020|2020-04-00|EPI_ISL_477064|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/20132005304/2020|2020-03-23|EPI_ISL_423721|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-94F093/2020|2020-06-18|EPI_ISL_555892|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUA-A4BFD5/2020|2020-10-05|EPI_ISL_628536|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4929F5/2020|2020-11-21|EPI_ISL_725733|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9C27B1/2020|2020-09-10|EPI_ISL_566546|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13818/2020|2020-11-30|EPI_ISL_713040|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NM-DOH-2020616576/2020|2020-12-12|EPI_ISL_751806|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Netherlands/ZH-RIVM-20708/2020|2020-12-22|EPI_ISL_790775|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Czech Republic/IAB_1/2020|2020-03-27|EPI_ISL_426883|Original|hCoV-19^^Czech Republic|Human|Motol University Hospital|Institute of Applied Biotechnologies a.s.|Broz|Czech Republic

>Spike|hCoV-19/USA/UT-UPHL-2012106938/2020|2020-08-15|EPI_ISL_745509|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_P2-106/2020|2020-07-02|EPI_ISL_774931|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/ALDP-C8B520/2020|2020-12-17|EPI_ISL_756648|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-CDC-1915/2020|2020-05-07|EPI_ISL_535342|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-2184/2020|2020-08-10|EPI_ISL_617483|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BB31C2/2020|2020-11-19|EPI_ISL_702755|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-74CC7/2020|2020-03-18|EPI_ISL_425364|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-B829A6/2020|2020-11-14|EPI_ISL_675250|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F917779/2020|2020-03-24|EPI_ISL_560406|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21096/2020|2020-03-26|EPI_ISL_507872|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Australia/VIC241/2020|2020-03-21|EPI_ISL_419936|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B73683/2020|2020-11-12|EPI_ISL_662405|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S717/2020|2020-04-11|EPI_ISL_449887|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-4A441D/2020|2020-12-16|EPI_ISL_764277|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-6A5AB/2020|2020-11-09|EPI_ISL_650582|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-A4CDAD/2020|2020-10-05|EPI_ISL_596055|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-DC97C5/2020|2020-12-04|EPI_ISL_705311|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12608/2020|2020-08-31|EPI_ISL_790417|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/CO-NVRL-75IRL33266/2020|2020-10-07|EPI_ISL_671874|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/CA-CZB-1421/2020|2020-03-20|EPI_ISL_468394|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/CAMC-AB1B9A/2020|2020-10-23|EPI_ISL_623829|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3438/2020|2020-07-27|EPI_ISL_561180|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/PORT-2D167D/2020|2020-04-17|EPI_ISL_484418|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/QEUA-B7BF80/2020|2020-11-14|EPI_ISL_668311|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B9F6BE/2020|2020-11-18|EPI_ISL_721145|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NB_270/2020|2020-04-10|EPI_ISL_481755|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Grudeski|Canada

>Spike|hCoV-19/Spain/VC-FISABIO-6/2020|2020-02-27|EPI_ISL_416485|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Consorcio Hospital General

Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain
>Spike|hCoV-19/USA/UT-UPHL-2009565/2020|2020-07-18|EPI_ISL_605244|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/NY-NYUMC919/2020|2020-03-18|EPI_ISL_467412|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA
>Spike|hCoV-19/England/CAMC-946797/2020|2020-07-15|EPI_ISL_556940|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/OXON-AF66B/2020|2020-00-00|EPI_ISL_478760|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom
>Spike|hCoV-19/Spain/MD-IBV-006396/2020|2020-03-19|EPI_ISL_510117|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Switzerland/GE-ETHZ-100318/2020|2020-03-18|EPI_ISL_574936|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland
>Spike|hCoV-19/Guangzhou/GZMU0044/2020|2020-02-25|EPI_ISL_414689|Original|hCoV-19^^Guangdong|Human|State Key Laboratory of Respiratory Disease|The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen|Ji|China
>Spike|hCoV-19/Japan/PG-1815/2020|2020-04-00|EPI_ISL_685421|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-7292/2020|2020-10-12|EPI_ISL_619066|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/ALDP-A9630C/2020|2020-10-19|EPI_ISL_624587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/OH-ODH-SC35063/2020|2020-04-23|EPI_ISL_775600|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA
>Spike|hCoV-19/England/LIVE-A76BE/2020|2020-03-28|EPI_ISL_517056|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/ALDP-9B5AF4/2020|2020-08-28|EPI_ISL_590277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/MA-MGH-01017/2020|2020-04-30|EPI_ISL_791844|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA
>Spike|hCoV-19/Scotland/QEUA-96E210/2020|2020-08-20|EPI_ISL_530535|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-952789/2020|2020-06-11|EPI_ISL_553950|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S1457/2020|2020-05-21|EPI_ISL_495907|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/USA/TX-DSHS-1722/2020|2020-06-19|EPI_ISL_708619|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA
>Spike|hCoV-19/Scotland/CVR5204/2020|2020-10-15|EPI_ISL_626839|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Scotland/QEUA-A00DB4/2020|2020-10-02|EPI_ISL_585573|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/204761686/2020|2020-11-18|EPI_ISL_683561|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S1976/2020|2020-06-03|EPI_ISL_497404|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/MD-HLP-103/2020|2020-04-24|EPI_ISL_530030|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/USA/UT-UPHL-2012797881/2020|2020-08-06|EPI_ISL_745536|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR3812/2020|2020-05-20|EPI_ISL_478138|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-377a/2020|2020-07-11|EPI_ISL_524735|Original|hCoV-19^^Gujarat|Human|Government General Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/France/ARA-66769/2020|2020-09-02|EPI_ISL_683384|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/QEUH-9B4AC8/2020|2020-09-07|EPI_ISL_602058|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC0940/2020|2020-11-04|EPI_ISL_705393|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-3284/2020|2020-04-00|EPI_ISL_691399|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-CFDAEE/2020|2020-12-21|EPI_ISL_781607|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033768659/2020|2020-03-24|EPI_ISL_578101|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10483/2020|2020-07-08|EPI_ISL_789496|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/QC-AG1/2020|2020-04-00|EPI_ISL_435344|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/England/ALDP-A2E600/2020|2020-10-05|EPI_ISL_586690|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6496/2020|2020-04-03|EPI_ISL_570123|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/20126011202/2020|2020-03-17|EPI_ISL_418754|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-9FF29C/2020|2020-10-02|EPI_ISL_600307|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-999C87/2020|2020-08-29|EPI_ISL_550359|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4989E0/2020|2020-12-03|EPI_ISL_727156|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9B854B/2020|2020-09-07|EPI_ISL_549733|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00501/2020|2020-03-27|EPI_ISL_460258|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Iceland/308/2020|2020-03-18|EPI_ISL_417637|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-A84BAF/2020|2020-10-18|EPI_ISL_610413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B20B2C/2020|2020-11-02|EPI_ISL_647703|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2252/2020|2020-05-21|EPI_ISL_545205|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9AAC0B/2020|2020-09-01|EPI_ISL_550953|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3B61E/2020|2020-11-02|EPI_ISL_706070|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-6CCF2B/2020|2020-07-02|EPI_ISL_556144|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-96CACF/2020|2020-08-21|EPI_ISL_530786|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A1DA80/2020|2020-09-29|EPI_ISL_587329|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480602/2020|2020-10-12|EPI_ISL_612910|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB8831/2020|2020-10-26|EPI_ISL_652007|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35FAB/2020|2020-04-27|EPI_ISL_474600|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19068/2020|2020-12-07|EPI_ISL_748152|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-FA3E2/2020|2020-12-06|EPI_ISL_725502|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Hong Kong/HKPU89-2502/2020|2020-02-26|EPI_ISL_419250|Original|hCoV-19^^Hong Kong|Human|Department of Clinical Pathology|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/England/NORW-F05D7/2020|2020-00-00|EPI_ISL_627584|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/India/UT-AR60/2020|2020-06-09|EPI_ISL_508197|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/AZ-TG497941/2020|2020-07-14|EPI_ISL_695266|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/WA-S585/2020|2020-03-26|EPI_ISL_434345|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUA-B10688/2020|2020-11-02|EPI_ISL_641643|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1134/2020|2020-04-09|EPI_ISL_593771|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Spain/VC-IBV-98003550/2020|2020-03-29|EPI_ISL_537975|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-12252/2020|2020-11-16|EPI_ISL_682433|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-001101/2020|2020-03-29|EPI_ISL_452587|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8876/2020|2020-08-00|EPI_ISL_686422|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/BRIS-12CC36/2020|2020-04-18|EPI_ISL_481909|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-44556-01/2020|2020-04-10|EPI_ISL_525667|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/BRIS-1249BF/2020|2020-03-26|EPI_ISL_443825|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1947/2020|2020-04-27|EPI_ISL_622529|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah196/2020|2020-04-06|EPI_ISL_437710|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/TX-DSHS-1442/2020|2020-06-24|EPI_ISL_671628|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-101175/2020|2020-03-31|EPI_ISL_451838|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/regal-11021206/2020|2020-11-02|EPI_ISL_735216|Original|hCoV-19^^Meulebeke|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/NM-NMDOH-2020324977/2020|2020-09-02|EPI_ISL_632837|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Norway/1951/2020|2020-03-09|EPI_ISL_420145|Original|hCoV-19^^Norway|Human|Forde Hospital Department of Microbiology|Norwegian Institute of Public Health|Hungnes|Norway

>Spike|hCoV-19/Denmark/DCGC-4405/2020|2020-09-07|EPI_ISL_615403|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/203580245/2020|2020-08-27|EPI_ISL_566069|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-88D3CE/2020|2020-07-27|EPI_ISL_532823|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497BEB/2020|2020-11-24|EPI_ISL_726946|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2094/2020|2020-04-11|EPI_ISL_468936|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario

Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/USA/WI-GMF-27794/2020|2020-10-26|EPI_ISL_660991|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA
>Spike|hCoV-19/Belgium/ULG-11044/2020|2020-11-30|EPI_ISL_722957|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium
>Spike|hCoV-19/Wales/PHWC-160225/2020|2020-05-16|EPI_ISL_472909|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-2008979/2020|2020-05-14|EPI_ISL_525299|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Scotland/QEUEH-9F6769/2020|2020-09-27|EPI_ISL_600744|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-UW34/2020|2020-03-07|EPI_ISL_414621|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA
>Spike|hCoV-19/USA/SC-DHEC-1117/2020|2020-07-10|EPI_ISL_574571|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA
>Spike|hCoV-19/USA/WA-S2482/2020|2020-06-15|EPI_ISL_497114|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Netherlands/ZH-EMC-320/2020|2020-07-03|EPI_ISL_523661|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Spain/IB-IBV-99007217/2020|2020-03-17|EPI_ISL_541958|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain
>Spike|hCoV-19/Australia/VIC13112/2020|2020-07-29|EPI_ISL_563621|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia
>Spike|hCoV-19/England/CAMC-C268E2/2020|2020-12-08|EPI_ISL_733715|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUEH-B3FDE8/2020|2020-11-08|EPI_ISL_657151|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-2BC38/2020|2020-04-09|EPI_ISL_445823|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom
>Spike|hCoV-19/USA/UT-UPHL-201200759/2020|2020-04-06|EPI_ISL_672563|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/USA/WA_0447/2020|2020-03-19|EPI_ISL_426446|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/England/NORW-EB171/2020|2020-05-04|EPI_ISL_472303|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/Australia/VIC8674/2020|2020-07-24|EPI_ISL_565139|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |VIDRL and MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Japan/PG-2164/2020|2020-04-00|EPI_ISL_685769|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/South Africa/KRISP-K001076/2020|2020-07-04|EPI_ISL_509330|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa
>Spike|hCoV-19/Wales/PHWC-16D61D/2020|2020-09-25|EPI_ISL_577421|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002664/2020|2020-08-02|EPI_ISL_535530|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-6495E8/2020|2020-07-04|EPI_ISL_558160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18700/2020|2020-12-07|EPI_ISL_749348|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204660292/2020|2020-11-11|EPI_ISL_686564|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15102/2020|2020-11-23|EPI_ISL_713632|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20969/2020|2020-03-26|EPI_ISL_507757|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/LEED-2A8220/2020|2020-04-27|EPI_ISL_539006|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1736/2020|2020-10-02|EPI_ISL_613857|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-4804/2020|2020-06-20|EPI_ISL_544342|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8536/2020|2020-07-01|EPI_ISL_780613|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B66B1B/2020|2020-11-11|EPI_ISL_662399|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7C0C8/2020|2020-11-14|EPI_ISL_668257|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B09716/2020|2020-10-30|EPI_ISL_673134|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CA AFC/2020|2020-09-16|EPI_ISL_575423|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC3039/2020|2020-11-25|EPI_ISL_704134|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-700/2020|2020-03-18|EPI_ISL_571432|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-1AFC3B/2020|2020-05-03|EPI_ISL_459205|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL097/2020|2020-04-02|EPI_ISL_492057|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/USA/CA-CZB-15175/2020|2020-11-23|EPI_ISL_738789|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Ireland/un-NVRL-AIIDB0134v1-2/2020|2020-12-11|EPI_ISL_791308|Original|hCoV-19^^Ireland|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/MILK-ABB0DD/2020|2020-10-21|EPI_ISL_623365|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C771C9/2020|2020-12-16|EPI_ISL_768937|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1C0AC/2020|2020-10-31|EPI_ISL_645948|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46FDA/2020|2020-10-06|EPI_ISL_598313|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA3D4/2020|2020-11-21|EPI_ISL_701873|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0006a/2020|2020-03-06|EPI_ISL_417990|Original|hCoV-19^^Portugal|Human|CHULC - H Curry Cabral|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Switzerland/BS-ETHZ-370264/2020|2020-11-05|EPI_ISL_693939|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-96E0F8/2020|2020-08-17|EPI_ISL_530473|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NB-206/2020|2020-03-27|EPI_ISL_479627|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/England/QEUH-BC36B1/2020|2020-11-25|EPI_ISL_703922|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-964784/2020|2020-08-11|EPI_ISL_536961|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4932/2020|2020-10-05|EPI_ISL_594698|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Ireland/LS-NVRL-20Z06376/2020|2020-04-16|EPI_ISL_671385|Original|hCoV-19^^Laois|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Australia/VIC5324/2020|2020-07-16|EPI_ISL_520087|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Thailand/Bangkok-CONI-0018/2020|2020-03-20|EPI_ISL_450723|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/MI-UM-10036448245/2020|2020-10-14|EPI_ISL_610103|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000024/2020|2020-03-11|EPI_ISL_631520|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/PHWC-49FEF9/2020|2020-12-11|EPI_ISL_743368|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-12643EE/2020|2020-11-15|EPI_ISL_679542|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUH-A20255/2020|2020-10-01|EPI_ISL_587639|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3E52E/2020|2020-10-06|EPI_ISL_609689|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B12B2D/2020|2020-11-02|EPI_ISL_642594|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-318B3/2020|2020-04-11|EPI_ISL_446500|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B51FCC/2020|2020-11-08|EPI_ISL_657728|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-410271/2020|2020-12-14|EPI_ISL_737478|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-83F62/2020|2020-04-26|EPI_ISL_438714|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-B393FB/2020|2020-11-01|EPI_ISL_658944|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3215/2020|2020-06-12|EPI_ISL_544083|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20396/2020|2020-12-21|EPI_ISL_758721|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1635/2020|2020-04-26|EPI_ISL_678134|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/QEUEH-53157B/2020|2020-05-18|EPI_ISL_532155|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9AD093/2020|2020-09-02|EPI_ISL_559817|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0421/2020|2020-04-28|EPI_ISL_477637|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/LIVE-DC4A2B/2020|2020-11-10|EPI_ISL_705910|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-S2710/2020|2020-06-18|EPI_ISL_525700|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/NB-EMC-344/2020|2020-10-21|EPI_ISL_722524|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/204262880/2020|2020-10-15|EPI_ISL_649809|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0444/2020|2020-06-05|EPI_ISL_541979|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/CAMB-7905D/2020|2020-04-03|EPI_ISL_441813|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/Utrecht_22/2020|2020-03-03|EPI_ISL_422899|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Korea/KDCA0344/2020|2020-07-30|EPI_ISL_760130|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/204761674/2020|2020-11-18|EPI_ISL_683555|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3418/2020|2020-07-07|EPI_ISL_636016|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-UW-865/2020|2020-03-14|EPI_ISL_476939|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Poland/77205/2020|2020-11-00|EPI_ISL_732887|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/Spain/CB-IBV-98007073/2020|2020-09-03|EPI_ISL_582103|Original|hCoV-19^^Cantabria|Human|Hospital Universitario Marqu\u00e9s de Valdecilla - IDIVAL (Santander|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-A025C9/2020|2020-09-29|EPI_ISL_584914|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-7324/2020|2020-08-00|EPI_ISL_688427|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Bahrain/341063114_S18_L001/2020|2020-11-12|EPI_ISL_678269|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/NORT-282031/2020|2020-03-25|EPI_ISL_472191|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WA-S2135/2020|2020-06-08|EPI_ISL_497563|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Switzerland/BL-UHB-42190998/2020|2020-03-14|EPI_ISL_528084|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Brazil/SP-188/2020|2020-03-24|EPI_ISL_515565|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital do Servidor P\u00fablico Estadual Francisco Morato de Oliveira|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Ireland/D-NVRL-20Z06235/2020|2020-04-17|EPI_ISL_681905|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/Australia/VIC13558/2020|2020-08-02|EPI_ISL_563753|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/NORW-E7A01/2020|2020-05-04|EPI_ISL_449088|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-C5021E/2020|2020-12-11|EPI_ISL_769618|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2CB2B/2020|2020-04-01|EPI_ISL_445951|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-993CE7/2020|2020-08-27|EPI_ISL_552281|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292782-01/2020|2020-12-28|EPI_ISL_769917|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16087/2020|2020-10-30|EPI_ISL_785771|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-14182/2020|2020-11-30|EPI_ISL_711611|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-521532/2020|2020-06-02|EPI_ISL_558945|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE27020/2020|2020-04-27|EPI_ISL_436725|Original|hCoV-19^^Abruzzo|Human|RSA/RP Villa San Giovanni - Gruppo Edos|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah168/2020|2020-04-06|EPI_ISL_437479|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/WA-UW-2102/2020|2020-03-25|EPI_ISL_603263|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUH-A0C2E6/2020|2020-10-03|EPI_ISL_599333|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BBC2C6/2020|2020-11-22|EPI_ISL_704842|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4101/2020|2020-06-18|EPI_ISL_543371|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-ACTREC-456/2020|2020-08-09|EPI_ISL_700104|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/ALDP-CED313/2020|2020-12-17|EPI_ISL_782068|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-223644-01/2020|2020-09-20|EPI_ISL_677104|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-AB1918/2020|2020-10-23|EPI_ISL_623641|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18233/2020|2020-12-14|EPI_ISL_749830|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A0612B/2020|2020-10-01|EPI_ISL_599984|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3614/2020|2020-08-31|EPI_ISL_616382|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-38698-01/2020|2020-04-05|EPI_ISL_525653|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/NORT-1B71BDE/2020|2020-11-19|EPI_ISL_706319|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-271/2020|2020-09-23|EPI_ISL_631359|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsselldorf-Centrum GbR \u00dcBAG f\u00f0r Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Spain/PV-IBV-000915/2020|2020-03-27|EPI_ISL_452653|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/WA-UW-1309/2020|2020-03-17|EPI_ISL_422977|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A44AF9/2020|2020-10-07|EPI_ISL_598637|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AEFB84/2020|2020-10-29|EPI_ISL_662849|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13136/2020|2020-11-30|EPI_ISL_712607|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-2225E9/2020|2020-12-19|EPI_ISL_741506|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Finland/13SS5B11/2020|2020-09-13|EPI_ISL_737235|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Russia/KDA-RII-MH1685S/2020|2020-09-04|EPI_ISL_596316|Original|hCoV-19^^Krasnodar|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMB-7A6C3/2020|2020-04-02|EPI_ISL_441806|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUA-B425CC/2020|2020-11-08|EPI_ISL_657165|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200414/2020|2020-06-02|EPI_ISL_578576|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/MILK-BB113D/2020|2020-11-17|EPI_ISL_720460|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020616502/2020|2020-12-12|EPI_ISL_751818|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10722/2020|2020-07-08|EPI_ISL_789604|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR2620/2020|2020-04-17|EPI_ISL_477990|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495682/2020|2020-11-23|EPI_ISL_726378|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DD59B/2020|2020-09-21|EPI_ISL_599770|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487058/2020|2020-10-30|EPI_ISL_639160|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-C398EC/2020|2020-12-09|EPI_ISL_730671|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C111C/2020|2020-05-08|EPI_ISL_492867|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290736-01/2020|2020-12-22|EPI_ISL_767561|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MN-MDH-1658/2020|2020-04-01|EPI_ISL_560745|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-19478/2020|2020-12-07|EPI_ISL_748977|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B995B7/2020|2020-11-15|EPI_ISL_673556|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2143/2020|2020-10-15|EPI_ISL_677547|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9072/2020|2020-07-02|EPI_ISL_780928|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-1856/2020|2020-05-10|EPI_ISL_542881|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Norway/5329/2020|2020-11-02|EPI_ISL_708060|Original|hCoV-19^^Vestfold og Telemark|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/QEUEH-A9EEC7/2020|2020-10-20|EPI_ISL_611385|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-137D80/2020|2020-06-17|EPI_ISL_540582|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/20144071804/2020|2020-03-31|EPI_ISL_421961|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F39C0/2020|2020-09-24|EPI_ISL_588560|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-306/2020|2020-03-22|EPI_ISL_571050|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/PV-IBV-004263/2020|2020-04-07|EPI_ISL_500327|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/South Africa/KRISP-K002727/2020|2020-08-14|EPI_ISL_529726|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Germany/HH-hpi-p2422/2020|2020-04-20|EPI_ISL_776491|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-21554/2020|2020-12-21|EPI_ISL_758231|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-5313/2020|2020-06-25|EPI_ISL_544673|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2009210/2020|2020-05-12|EPI_ISL_525210|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-4A53F1/2020|2020-12-15|EPI_ISL_764863|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-992240/2020|2020-08-25|EPI_ISL_540662|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/BRIS-129ECA/2020|2020-04-16|EPI_ISL_458468|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-484/2020|2020-08-14|EPI_ISL_577914|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B6844B/2020|2020-11-11|EPI_ISL_661418|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/AB-Z0001/2020|2020-05-13|EPI_ISL_504185|Original|hCoV-19^^Alberta|Human|Discovery DNA|Discovery DNA|Hittel|Canada

>Spike|hCoV-19/South Korea/KCDC2782/2020|2020-07-24|EPI_ISL_526716|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/UT-QDX-2650/2020|2020-03-13|EPI_ISL_604980|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-7914/2020|2020-10-26|EPI_ISL_618842|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A087F/2020|2020-12-09|EPI_ISL_743504|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2011210245/2020|2020-11-19|EPI_ISL_771266|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Japan/DP0699/2020|2020-02-17|EPI_ISL_416617|Original|hCoV-19^^Japan|Human|Japanese Quarantine Stations|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KCDC2344/2020|2020-05-27|EPI_ISL_510680|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC1107/2020|2020-04-07|EPI_ISL_430590|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B07F01/2020|2020-10-29|EPI_ISL_643881|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-8123/2020|2020-03-00|EPI_ISL_548216|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/ALDP-9FD51D/2020|2020-10-01|EPI_ISL_587902|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-QDX-1998/2020|2020-03-17|EPI_ISL_604337|Original|hCoV-19^^Louisiana|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-12E6EB/2020|2020-04-20|EPI_ISL_488301|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FFB55/2020|2020-10-02|EPI_ISL_600326|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCC62F/2020|2020-11-28|EPI_ISL_724522|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC3280/2020|2020-07-06|EPI_ISL_520959|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-SCCPHD-UC101/2020|2020-02-26|EPI_ISL_435580|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/England/QEUEH-9F6040/2020|2020-09-25|EPI_ISL_588861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0057/2020|2020-03-20|EPI_ISL_421460|Original|hCoV-19^^Portugal|Human|H Dr. Nelio Mendonca - Funchal|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-B85B43/2020|2020-11-14|EPI_ISL_675545|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-116349/2020|2020-10-19|EPI_ISL_595315|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33D0D/2020|2020-04-18|EPI_ISL_446814|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7937/2020|2020-06-26|EPI_ISL_545721|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18179/2020|2020-12-14|EPI_ISL_749797|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/North Macedonia/3017/2020|2020-06-10|EPI_ISL_516420|Original|hCoV-19^^Skopje|Human|Center for public health - Skopje|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/Wales/PHWC-49C0BA/2020|2020-12-07|EPI_ISL_742505|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD2F97/2020|2020-10-26|EPI_ISL_629817|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-nimh-11877/2020|2020-05-06|EPI_ISL_486404|Original|hCoV-19^^Karnataka|Human|Victoria Hospital|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Australia/NSW2387/2020|2020-05-31|EPI_ISL_678310|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/Ecuador/UEES-3911/2020|2020-00-00|EPI_ISL_671984|Original|hCoV-19^^Ecuador|Human|UEES BioLab|Omics Sciences Laboratory|Fernandez Cadena|Ecuador

>Spike|hCoV-19/Wales/PHWC-1626DC/2020|2020-05-19|EPI_ISL_473107|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20100010404/2020|2020-03-01|EPI_ISL_464257|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7F64/2020|2020-10-13|EPI_ISL_637736|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A499F7/2020|2020-10-08|EPI_ISL_628444|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL295/2020|2020-08-26|EPI_ISL_574429|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-A05E70/2020|2020-09-30|EPI_ISL_599913|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-999C3C/2020|2020-08-29|EPI_ISL_550347|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-84462/2020|2020-04-16|EPI_ISL_443469|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B7C0B/2020|2020-09-03|EPI_ISL_590682|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2264/2020|2020-05-13|EPI_ISL_510602|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-7813/2020|2020-10-19|EPI_ISL_618772|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2DE54/2020|2020-10-05|EPI_ISL_586633|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7501/2020|2020-08-00|EPI_ISL_688603|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-GBCL-26791733/2020|2020-04-09|EPI_ISL_485906|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Denmark/DCGC-14063/2020|2020-11-30|EPI_ISL_711063|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2012208753/2020|2020-08-10|EPI_ISL_745829|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUH-A1F699/2020|2020-10-01|EPI_ISL_599044|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0236/2020|2020-07-02|EPI_ISL_569905|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Australia/VIC12895/2020|2020-07-30|EPI_ISL_640501|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC10838/2020|2020-07-30|EPI_ISL_563121|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-21026/2020|2020-12-21|EPI_ISL_758957|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-291677-01/2020|2020-12-24|EPI_ISL_767603|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CAMC-BD36AF/2020|2020-11-27|EPI_ISL_702271|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-8178A/2020|2020-04-12|EPI_ISL_443082|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1211/2020|2020-12-14|EPI_ISL_768480|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Sweden/RV-FOI-3/2020|2020-03-17|EPI_ISL_549026|Original|hCoV-19^^Vasterbotten|Human|Klinisk mikrobiologi|Unit for Biological Agents|Sjodin|Sweden

>Spike|hCoV-19/England/MILK-B022D0/2020|2020-10-24|EPI_ISL_709909|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0137/2020|2020-06-11|EPI_ISL_522964|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-270187/2020|2020-08-30|EPI_ISL_541501|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-DC1842/2020|2020-11-06|EPI_ISL_702774|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3555/2020|2020-06-03|EPI_ISL_636081|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-UPHL-201128848/2020|2020-10-07|EPI_ISL_628945|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/UGent-171/2020|2020-10-02|EPI_ISL_634887|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/OXON-B02CD/2020|2020-04-10|EPI_ISL_478871|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-965792/2020|2020-08-14|EPI_ISL_530979|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-002852/2020|2020-03-13|EPI_ISL_474842|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-8542/2020|2020-07-01|EPI_ISL_780618|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MD-MDH-0136/2020|2020-07-10|EPI_ISL_524899|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/NORT-297048/2020|2020-04-24|EPI_ISL_488130|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B40555/2020|2020-11-08|EPI_ISL_657207|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4F5CF7/2020|2020-06-24|EPI_ISL_559237|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12729/2020|2020-07-27|EPI_ISL_592065|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-22177/2020|2020-08-06|EPI_ISL_570636|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/NC_200459/2020|2020-04-00|EPI_ISL_458001|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/Scotland/QEUH-B694A4/2020|2020-11-11|EPI_ISL_676321|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012401784/2020|2020-07-26|EPI_ISL_745675|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC10754/2020|2020-07-30|EPI_ISL_563072|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B84EC/2020|2020-10-19|EPI_ISL_638203|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC6368/2020|2020-07-21|EPI_ISL_521163|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-13999/2020|2020-06-10|EPI_ISL_739035|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/OR-OHSU-0777/2020|2020-06-27|EPI_ISL_525898|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Spain/VC-FISABIO-264/2020|2020-03-27|EPI_ISL_436359|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/HI-H200434/2020|2020-10-01|EPI_ISL_752977|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/SHEF-C60AC/2020|2020-09-17|EPI_ISL_572767|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC1398/2020|2020-04-15|EPI_ISL_562696|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS2212205/2020|2020-10-30|EPI_ISL_740080|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-A18A49/2020|2020-10-03|EPI_ISL_627474|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMC-B9AC2A/2020|2020-11-15|EPI_ISL_673331|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG569475/2020|2020-07-10|EPI_ISL_695573|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Bangladesh/DNAS_isl_DRCIM_6302/2020|2020-04-29|EPI_ISL_774910|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-10748/2020|2020-11-02|EPI_ISL_670181|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-595/2020|2020-03-18|EPI_ISL_571332|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-B3A1E1/2020|2020-11-01|EPI_ISL_659085|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/JK-NIHRD-MI52946/2020|2020-08-20|EPI_ISL_538509|Original|hCoV-19^^Jakarta|Human|National Institute of Health Research and Development|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/USA/MD_NIDDL_2981/2020|2020-04-07|EPI_ISL_491908|Original|hCoV-19^^Maryland|Human|Naval Infectious Diseases Diagnostic Laboratory|Naval Medical Research Center Biological Defense Research Directorate|Voegtly|USA

>Spike|hCoV-19/Scotland/QEUIH-9637EF/2020|2020-08-11|EPI_ISL_531677|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-369/2020|2020-07-21|EPI_ISL_514245|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/MILK-B04A30/2020|2020-10-24|EPI_ISL_650200|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1201/2020|2020-03-17|EPI_ISL_631663|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/EXET-134F9C/2020|2020-00-00|EPI_ISL_457024|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0369/2020|2020-05-29|EPI_ISL_509120|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21139/2020|2020-03-30|EPI_ISL_507915|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-CZB-1980/2020|2020-05-06|EPI_ISL_486249|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Japan/PG-3623/2020|2020-04-00|EPI_ISL_691876|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-13547/2020|2020-06-11|EPI_ISL_672493|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/PG-0710/2020|2020-04-00|EPI_ISL_684320|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/France/NAQ-SC213/2020|2020-03-27|EPI_ISL_649965|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Northern Ireland/NIRE-233FE7/2020|2020-10-13|EPI_ISL_680331|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2180/2020|2020-06-04|EPI_ISL_635377|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-9CD7B6/2020|2020-09-16|EPI_ISL_566199|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE6570/2020|2020-03-24|EPI_ISL_429230|Original|hCoV-19^^Abruzzo|Human|Ospedale Civile Giuseppe Mazzini|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G. Caporale\|Lorusso|Italy

>Spike|hCoV-19/USA/MN-MDH-322/2020|2020-03-30|EPI_ISL_450780|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUEH-9DE758/2020|2020-09-21|EPI_ISL_581262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC02011/2020|2020-03-07|EPI_ISL_693390|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|CHU de Nice - H\u00f4pital Archet 2|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Norway/3593/2020|2020-07-31|EPI_ISL_590925|Original|hCoV-19^^Norway|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/CAMB-1B0CEC/2020|2020-05-11|EPI_ISL_452963|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/CVR4088/2020|2020-08-31|EPI_ISL_535178|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12257/2020|2020-11-16|EPI_ISL_682438|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORW-EA619/2020|2020-05-19|EPI_ISL_461858|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/BRIS-124CE3/2020|2020-03-26|EPI_ISL_443721|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-BDC62E/2020|2020-11-27|EPI_ISL_709740|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-961963/2020|2020-08-03|EPI_ISL_537029|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/16MR7cA4/2020|2020-11-16|EPI_ISL_757296|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Northern Ireland/NIRE-108AAF/2020|2020-10-10|EPI_ISL_627532|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/BRIS-12962C/2020|2020-04-20|EPI_ISL_458810|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-BODA28/2020|2020-11-02|EPI_ISL_649537|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2646/2020|2020-06-00|EPI_ISL_690778|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-4471/2020|2020-07-00|EPI_ISL_692694|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/NB-223/2020|2020-03-26|EPI_ISL_479639|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/Luxembourg/LNS2961665/2020|2020-09-28|EPI_ISL_740226|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Spain/MD-IBV-004915/2020|2020-03-11|EPI_ISL_481055|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-3511/2020|2020-08-31|EPI_ISL_616300|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC9002/2020|2020-07-30|EPI_ISL_561680|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1475/2020|2020-03-23|EPI_ISL_518869|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-1B33B7/2020|2020-05-25|EPI_ISL_461559|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035622031/2020|2020-08-24|EPI_ISL_583260|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/WI-UW-466/2020|2020-06-11|EPI_ISL_484841|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/LIVE-A488E/2020|2020-03-12|EPI_ISL_500050|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Germany/NI-ChVir21542/2020|2020-12-20|EPI_ISL_754175|Original|hCoV-19^^Lower Saxony|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/CA-SEARCH-5420/2020|2020-11-29|EPI_ISL_755229|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMC-BD12CB/2020|2020-11-29|EPI_ISL_702139|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8575/2020|2020-10-26|EPI_ISL_625962|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10341/2020|2020-11-02|EPI_ISL_669911|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/DL-NCDC2216-CSIR-IGIB/2020|2020-05-19|EPI_ISL_482553|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/USA/AZ-TG670260/2020|2020-03-25|EPI_ISL_696436|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/CAMC-A64C75/2020|2020-10-11|EPI_ISL_609121|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12F0E40/2020|2020-12-03|EPI_ISL_705078|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MD-HP00132/2020|2020-03-16|EPI_ISL_457820|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Wales/PHWC-48B151/2020|2020-11-05|EPI_ISL_666198|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_6840/2020|2020-04-29|EPI_ISL_774905|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Denmark/DCGC-7790/2020|2020-10-19|EPI_ISL_618689|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BCA553/2020|2020-11-23|EPI_ISL_703480|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-360275/2020|2020-11-08|EPI_ISL_729231|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-A2DA6F/2020|2020-10-06|EPI_ISL_586775|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B028/2020|2020-10-29|EPI_ISL_643517|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/668nan/2020|2020-05-13|EPI_ISL_648785|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/CAMC-B3492B/2020|2020-11-05|EPI_ISL_659528|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B01DF/2020|2020-04-19|EPI_ISL_478864|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1436/2020|2020-03-27|EPI_ISL_494602|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A52032/2020|2020-10-07|EPI_ISL_597937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F1D2/2020|2020-12-08|EPI_ISL_743178|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16317/2020|2020-11-16|EPI_ISL_714268|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-291990-01/2020|2020-12-21|EPI_ISL_767616|Original|hCoV-19^^New York|Human|WHITE PLAINS HOSPITAL CENTER LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WI-GMF-19279/2020|2020-09-08|EPI_ISL_547806|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Germany/BE-ChVir-W1431-8290/2020|2020-06-19|EPI_ISL_753963|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-B8631D/2020|2020-11-13|EPI_ISL_673993|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0080/2020|2020-03-24|EPI_ISL_437947|Original|hCoV-19^^Ramsau im Zillertal|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-17934/2020|2020-12-14|EPI_ISL_749653|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-AA1CA9/2020|2020-10-22|EPI_ISL_624369|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4905B7/2020|2020-11-06|EPI_ISL_706490|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20152067804/2020|2020-04-05|EPI_ISL_466240|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0063/2020|2020-06-17|EPI_ISL_540947|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Switzerland/AG-ETHZ-190045/2020|2020-07-08|EPI_ISL_500907|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/210100362/2021|2021-01-04|EPI_ISL_791245|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1069/2020|2020-05-21|EPI_ISL_470749|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-B2DAAA/2020|2020-11-02|EPI_ISL_646955|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142023704/2020|2020-03-31|EPI_ISL_423448|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Portugal/PT1256/2020|2020-03-18|EPI_ISL_511217|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-MCoV-18596/2020|2020-11-19|EPI_ISL_784944|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC12580/2020|2020-07-26|EPI_ISL_592027|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1819/2020|2020-04-15|EPI_ISL_590821|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/CAMB-A97AAC/2020|2020-12-12|EPI_ISL_740995|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-66A5B4/2020|2020-07-03|EPI_ISL_555743|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EFBD9/2020|2020-12-05|EPI_ISL_725108|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6A160/2020|2020-11-11|EPI_ISL_662466|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-732A8/2020|2020-03-23|EPI_ISL_440270|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14666/2020|2020-11-23|EPI_ISL_711898|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-4695/2020|2020-04-06|EPI_ISL_429631|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-9DF71B/2020|2020-09-20|EPI_ISL_638419|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15707/2020|2020-11-23|EPI_ISL_713974|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-FB493/2020|2020-03-16|EPI_ISL_441429|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Scotland/CVR3298/2020|2020-04-30|EPI_ISL_456779|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0151/2020|2020-09-23|EPI_ISL_770014|Original|hCoV-19^^San Jose|Human|Area De Salud Curridabat 2|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/USA/OR-OHSU-1889/2020|2020-07-28|EPI_ISL_526060|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Scotland/EDB4594/2020|2020-05-07|EPI_ISL_478164|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-ACCD69/2020|2020-10-21|EPI_ISL_630183|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-958158/2020|2020-06-15|EPI_ISL_554742|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8935/2020|2020-07-23|EPI_ISL_565290|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AAAE6E/2020|2020-10-21|EPI_ISL_652750|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11307/2020|2020-11-02|EPI_ISL_670829|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00237636/2020|2020-03-25|EPI_ISL_536191|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/BRIS-126BB7/2020|2020-04-10|EPI_ISL_459042|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A67771/2020|2020-10-12|EPI_ISL_630486|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2BB5/2020|2020-09-10|EPI_ISL_566525|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-66EC2/2020|2020-10-28|EPI_ISL_651600|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_R-2/2020|2020-07-17|EPI_ISL_775004|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Switzerland/BL-UHB-42177897/2020|2020-03-05|EPI_ISL_527936|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/PHWC-49834C/2020|2020-12-01|EPI_ISL_727059|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-954F07/2020|2020-06-12|EPI_ISL_553603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM25366041/2020|2020-11-19|EPI_ISL_753383|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-9CAA65/2020|2020-09-16|EPI_ISL_575584|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-8A774A/2020|2020-07-24|EPI_ISL_532765|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B33449/2020|2020-11-05|EPI_ISL_659327|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1263622/2020|2020-11-02|EPI_ISL_679458|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/LIVE-A9D4E/2020|2020-03-25|EPI_ISL_517357|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-99A3FA/2020|2020-08-27|EPI_ISL_550305|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42344991/2020|2020-07-08|EPI_ISL_581882|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Canada/NS-NML-1324/2020|2020-04-10|EPI_ISL_579704|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/WI-WSLH-200238/2020|2020-04-14|EPI_ISL_578458|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/MILK-AB7FA7/2020|2020-10-21|EPI_ISL_623391|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1501/2020|2020-03-12|EPI_ISL_776007|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-B74901/2020|2020-11-12|EPI_ISL_678958|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMB-7E146/2020|2020-04-16|EPI_ISL_434044|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3761/2020|2020-05-04|EPI_ISL_622628|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19275/2020|2020-12-07|EPI_ISL_748859|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A87869/2020|2020-10-17|EPI_ISL_606146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664230/2020|2020-04-28|EPI_ISL_696037|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/ALDP-A67D33/2020|2020-10-09|EPI_ISL_608973|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4547737/2020|2020-11-23|EPI_ISL_740494|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-C30539/2020|2020-12-07|EPI_ISL_733900|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8451/2020|2020-07-27|EPI_ISL_565023|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC13782/2020|2020-09-16|EPI_ISL_563834|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-9D949/2020|2020-04-27|EPI_ISL_449605|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/PORT-2CF4D2/2020|2020-04-27|EPI_ISL_453687|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-9F0A93/2020|2020-09-24|EPI_ISL_589712|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19154/2020|2020-11-23|EPI_ISL_783659|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-10196/2020|2020-11-09|EPI_ISL_669447|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-14427-04/2020|2020-03-08|EPI_ISL_676735|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Wales/PHWC-48BF2A/2020|2020-11-01|EPI_ISL_665474|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/BY-MVP-0050/2020|2020-03-12|EPI_ISL_437249|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/QEUA-9DD443/2020|2020-09-21|EPI_ISL_599503|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20186131504/2020|2020-04-30|EPI_ISL_465711|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18815/2020|2020-11-24|EPI_ISL_785141|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUA-A20DDC/2020|2020-10-01|EPI_ISL_599006|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-970C77/2020|2020-08-18|EPI_ISL_553108|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7067/2020|2020-10-12|EPI_ISL_619092|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-80545/2020|2020-04-09|EPI_ISL_470456|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BF0A0A/2020|2020-12-05|EPI_ISL_709009|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0579/2020|2020-04-11|EPI_ISL_480218|Original|hCoV-19^^Kansai|Human|Department of Infectious Diseases|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-B7E8EC/2020|2020-11-14|EPI_ISL_668005|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-R82/2020|2020-05-07|EPI_ISL_530079|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/USA/WA-UW-2608/2020|2020-03-29|EPI_ISL_486005|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-6091/2020|2020-08-00|EPI_ISL_689203|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-C263B4/2020|2020-12-08|EPI_ISL_733846|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-211750-01/2020|2020-09-04|EPI_ISL_677097|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-CZB-13764/2020|2020-09-17|EPI_ISL_739062|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUA-B68D04/2020|2020-11-11|EPI_ISL_661971|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB150/2020|2020-03-24|EPI_ISL_425918|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/CVR2457/2020|2020-04-14|EPI_ISL_477945|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMC-A64F9A/2020|2020-10-11|EPI_ISL_608467|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B8C91/2020|2020-09-09|EPI_ISL_549694|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-04294/2020|2020-05-15|EPI_ISL_522339|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WY-WPHL-20062990/2020|2020-08-18|EPI_ISL_769884|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Netherlands/OV-RIVM-20125/2020|2020-11-11|EPI_ISL_723300|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-13932/2020|2020-11-30|EPI_ISL_711462|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_21927217/2020|2020-03-00|EPI_ISL_462819|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310442/2020|2020-10-08|EPI_ISL_603515|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-5605/2020|2020-09-28|EPI_ISL_620930|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B746BF/2020|2020-11-12|EPI_ISL_662176|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17656/2020|2020-12-14|EPI_ISL_751127|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG654326/2020|2020-04-13|EPI_ISL_695976|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Belgium/reg-0409565/2020|2020-04-09|EPI_ISL_734555|Original|hCoV-19^^Tienen|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUA-B30BDE/2020|2020-11-03|EPI_ISL_659985|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1875/2020|2020-09-24|EPI_ISL_603010|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10016/2020|2020-07-06|EPI_ISL_789287|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Portugal/PT0412/2020|2020-03-22|EPI_ISL_454136|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/India/MH-ACTREC-533/2020|2020-08-25|EPI_ISL_700179|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-0344/2020|2020-03-30|EPI_ISL_480016|Original|hCoV-19^^Kanto|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/CVR4180/2020|2020-08-29|EPI_ISL_540856|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/ON-S1964/2020|2020-11-24|EPI_ISL_755680|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Germany/TH-IIMK-CaSe-10/2020|2020-05-24|EPI_ISL_728321|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/Japan/PG-0977/2020|2020-04-00|EPI_ISL_684587|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB7080/2020|2020-08-02|EPI_ISL_514519|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Portugal/PT1107/2020|2020-03-27|EPI_ISL_511654|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW-4414/2020|2020-03-31|EPI_ISL_443186|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Brazil/RJ-00421/2020|2020-10-29|EPI_ISL_717823|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/CAMC-B548BF/2020|2020-11-08|EPI_ISL_658260|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ZF-0325152/2020|2020-03-25|EPI_ISL_420409|Original|hCoV-19^^Blandain|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-1730/2020|2020-05-11|EPI_ISL_617949|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B9A501/2020|2020-11-16|EPI_ISL_673288|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9AF0EC/2020|2020-09-03|EPI_ISL_560026|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0557/2020|2020-05-19|EPI_ISL_698718|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/CVR2700/2020|2020-04-18|EPI_ISL_478022|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012002538/2020|2020-12-01|EPI_ISL_779291|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/QEUA-A215D3/2020|2020-10-01|EPI_ISL_587585|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10609/2020|2020-11-02|EPI_ISL_670085|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3D8E8/2020|2020-12-10|EPI_ISL_730845|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC8713/2020|2020-11-23|EPI_ISL_721302|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB8128/2020|2020-10-22|EPI_ISL_623384|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SCCPHD-UC129/2020|2020-03-06|EPI_ISL_435608|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/USA/UT-028/2020|2020-03-19|EPI_ISL_417971|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LIVE-DC3FA5/2020|2020-11-08|EPI_ISL_705883|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036759541/2020|2020-11-03|EPI_ISL_682222|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Northern Ireland/QEUA-9630A8/2020|2020-08-11|EPI_ISL_531773|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B948B3/2020|2020-11-14|EPI_ISL_676298|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15993/2020|2020-11-23|EPI_ISL_714521|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3388/2020|2020-07-08|EPI_ISL_521067|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-ACDCA7/2020|2020-10-22|EPI_ISL_630325|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15353/2020|2020-11-23|EPI_ISL_713780|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-3293/2020|2020-06-11|EPI_ISL_544110|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7CA6B/2020|2020-04-04|EPI_ISL_442187|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA0BC/2020|2020-11-23|EPI_ISL_703374|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17819/2020|2020-07-28|EPI_ISL_779474|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/Australia/WA284/2020|2020-03-17|EPI_ISL_596827|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Scotland/EDB3158/2020|2020-04-06|EPI_ISL_488963|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0895/2020|2020-04-00|EPI_ISL_684505|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/QEUA-962285/2020|2020-08-10|EPI_ISL_531843|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DCA928/2020|2020-12-07|EPI_ISL_724390|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-B98A13/2020|2020-11-15|EPI_ISL_673800|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AC5E5E/2020|2020-10-14|EPI_ISL_631046|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B210D1/2020|2020-11-01|EPI_ISL_647775|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/8451/2020|2020-04-12|EPI_ISL_501222|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/Netherlands/NA_152/2020|2020-03-21|EPI_ISL_422687|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LOND-12640AB/2020|2020-11-14|EPI_ISL_679521|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-B386E4/2020|2020-11-02|EPI_ISL_662642|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10241/2020|2020-06-30|EPI_ISL_498147|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Canada/ON-PHL-20-02231/2020|2020-09-00|EPI_ISL_671503|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/United Arab Emirates/0675/2020|2020-05-15|EPI_ISL_698828|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-2428/2020|2020-08-10|EPI_ISL_617524|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-9F4701/2020|2020-09-27|EPI_ISL_600674|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201161375/2020|2020-03-12|EPI_ISL_464835|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-AC927C/2020|2020-10-21|EPI_ISL_629275|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20170035404/2020|2020-04-20|EPI_ISL_465283|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B74B0B/2020|2020-11-12|EPI_ISL_678972|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Ireland/WW-NVRL-AIIDV0018v1/2020|2020-04-02|EPI_ISL_644320|Original|hCoV-19^^Wicklow|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/20166014904/2020|2020-04-15|EPI_ISL_466536|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-656/2020|2020-07-05|EPI_ISL_632413|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/OR-PROV-011/2020|2020-03-31|EPI_ISL_482298|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Denmark/DCGC-3916/2020|2020-09-14|EPI_ISL_615827|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Costa Rica/INC-0072/2020|2020-06-19|EPI_ISL_527740|Original|hCoV-19^^Alajuela|Human|Area De Salud Alajuela Norte - Clinica Dr. Marcial Rodriguez|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Finland/14CB4/2020|2020-12-02|EPI_ISL_732579|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUH-AD2F4C/2020|2020-10-25|EPI_ISL_629770|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB51EE/2020|2020-11-20|EPI_ISL_701810|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2765/2020|2020-07-07|EPI_ISL_521600|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-20796/2020|2020-12-21|EPI_ISL_759069|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Latvia/082/2020|2020-07-14|EPI_ISL_501895|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/TX-DSHS-0922/2020|2020-06-15|EPI_ISL_602220|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9687/2020|2020-07-04|EPI_ISL_780226|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-163E6A/2020|2020-04-27|EPI_ISL_474093|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB7780/2020|2020-09-09|EPI_ISL_577349|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162FFF/2020|2020-05-13|EPI_ISL_473232|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20129161104/2020|2020-03-12|EPI_ISL_424122|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-F96BD/2020|2020-12-02|EPI_ISL_725391|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-080/2020|2020-06-01|EPI_ISL_464162|Original|hCoV-19^^Dhaka|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/QEUEH-AE1B64/2020|2020-10-26|EPI_ISL_633412|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/HECH-259AAA8/2020|2020-00-00|EPI_ISL_652071|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0751/2020|2020-05-14|EPI_ISL_584152|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/UT-02046/2020|2020-04-19|EPI_ISL_470667|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah31/2020|2020-03-26|EPI_ISL_437486|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/LOND-DA412/2020|2020-11-06|EPI_ISL_724628|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-2206/2020|2020-03-14|EPI_ISL_604538|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Australia/NSW1055/2020|2020-07-07|EPI_ISL_593707|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/LEED-2A8299/2020|2020-04-02|EPI_ISL_539136|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AFCB4/2020|2020-04-16|EPI_ISL_478819|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B417C7/2020|2020-11-08|EPI_ISL_658609|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A79AA0/2020|2020-10-15|EPI_ISL_606667|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-005613/2020|2020-04-24|EPI_ISL_508657|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-98CCC3/2020|2020-07-23|EPI_ISL_529274|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C7B4/2020|2020-03-30|EPI_ISL_472538|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B1A34B/2020|2020-11-01|EPI_ISL_645878|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-18534DA/2020|2020-04-07|EPI_ISL_492287|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-001608/2020|2020-03-01|EPI_ISL_467161|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/mink/Netherlands/NB-EMC-47-2/2020|2020-09-04|EPI_ISL_577810|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/NS-NML-143/2020|2020-04-14|EPI_ISL_579520|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML) |Majer|Canada

>Spike|hCoV-19/France/ARA-17177/2020|2020-03-30|EPI_ISL_508958|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre Hospitalier Alpes LeMan|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Denmark/DCGC-14136/2020|2020-11-30|EPI_ISL_711205|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13998/2020|2020-08-16|EPI_ISL_787289|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20864/2020|2020-12-16|EPI_ISL_790833|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM) |Meijer|Netherlands

>Spike|hCoV-19/Hungary/UD-58203/2020|2020-09-02|EPI_ISL_671450|Original|hCoV-19^^Szabolcs-Szatm\u00e9r-Bereg county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Scotland/CVR1423/2020|2020-04-01|EPI_ISL_433579|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15D0A9/2020|2020-05-02|EPI_ISL_472665|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AF25F9/2020|2020-10-30|EPI_ISL_662711|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1141D8/2020|2020-10-04|EPI_ISL_577147|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49B8D1/2020|2020-12-05|EPI_ISL_742401|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-CDC-8375/2020|2020-03-03|EPI_ISL_594448|original|hCoV-19^^Washington|Human|Washington State Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMB-75033/2020|2020-03-16|EPI_ISL_440402|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2ADCD/2020|2020-04-06|EPI_ISL_432320|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5063/2020|2020-09-21|EPI_ISL_621601|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/NE-ETHZ-410230/2020|2020-12-14|EPI_ISL_737767|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-9978F/2020|2020-04-09|EPI_ISL_439757|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200065/2020|2020-03-13|EPI_ISL_471230|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/ALDP-4986DA/2020|2020-05-25|EPI_ISL_559407|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-140025/2020|2020-05-18|EPI_ISL_476091|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC8991/2020|2020-07-27|EPI_ISL_565341|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-19934/2020|2020-12-07|EPI_ISL_747557|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-09509/2020|2020-07-05|EPI_ISL_489948|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/FL-BPHL-1667/2020|2020-07-02|EPI_ISL_594356|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/South Korea/KCDC2065/2020|2020-02-09|EPI_ISL_497966|Vero E6 P1|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/CA-CZB-1491/2020|2020-03-24|EPI_ISL_468441|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/MILK-B39E09/2020|2020-11-02|EPI_ISL_679669|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A6DFBF/2020|2020-10-14|EPI_ISL_607892|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D675/2020|2020-12-10|EPI_ISL_731761|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-528/2020|2020-00-00|EPI_ISL_577956|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/MD-ISCI-2014627/2020|2020-08-18|EPI_ISL_691711|Original|hCoV-19^^Madrid|Human|Hospital Cl\u00e9nico San Carlos|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/BRIS-125435/2020|2020-03-27|EPI_ISL_443749|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/CN-ISCI-201495/2020|2020-03-04|EPI_ISL_419233|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Canarias|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/QE-9F7531/2020|2020-09-27|EPI_ISL_589228|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-790/2020|2020-03-30|EPI_ISL_444907|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Scotland/EDB9506/2020|2020-10-29|EPI_ISL_652064|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1035C1/2020|2020-04-17|EPI_ISL_489342|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4541/2020|2020-07-15|EPI_ISL_518952|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-73457/2020|2020-03-21|EPI_ISL_440041|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-B568BD/2020|2020-11-05|EPI_ISL_656922|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0711/2020|2020-03-24|EPI_ISL_510970|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Netherlands/NA_157/2020|2020-03-21|EPI_ISL_422692|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-UW-1245/2020|2020-08-18|EPI_ISL_536618|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-897/2020|2020-05-18|EPI_ISL_614461|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AR-IBV-98008011/2020|2020-09-30|EPI_ISL_654421|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORT-282CD3/2020|2020-03-29|EPI_ISL_472226|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-498898/2020|2020-11-27|EPI_ISL_727135|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB3414/2020|2020-04-10|EPI_ISL_487725|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7982/2020|2020-07-01|EPI_ISL_545763|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-CBDCE4/2020|2020-12-19|EPI_ISL_760531|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16444/2020|2020-08-05|EPI_ISL_641078|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-DA087/2020|2020-11-07|EPI_ISL_665716|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0619/2020|2020-06-19|EPI_ISL_538427|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/England/20146010404/2020|2020-04-01|EPI_ISL_466026|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL869/2020|2020-07-02|EPI_ISL_653560|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-26A42/2020|2020-03-29|EPI_ISL_422077|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-270124/2020|2020-09-03|EPI_ISL_541492|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/South Africa/KRISP-EJ00540655/2020|2020-11-26|EPI_ISL_736992|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Portugal/PT1743/2020|2020-11-09|EPI_ISL_731980|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-7368/2020|2020-06-00|EPI_ISL_688470|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/PV-IBV-005156/2020|2020-06-23|EPI_ISL_509643|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-16399/2020|2020-11-16|EPI_ISL_714458|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/APU-UniMI-706/2020|2020-03-18|EPI_ISL_469016|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics)|Chiara|Italy

>Spike|hCoV-19/Denmark/DCGC-2510/2020|2020-08-10|EPI_ISL_617782|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A4DE5/2020|2020-12-09|EPI_ISL_764793|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC424/2020|2020-04-22|EPI_ISL_435491|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/PORT-2D4892/2020|2020-10-13|EPI_ISL_613296|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/CAMC-991636/2020|2020-08-26|EPI_ISL_552065|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13198/2020|2020-11-30|EPI_ISL_712645|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C06165/2020|2020-12-05|EPI_ISL_709526|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/D-SVUH-R8382/2020|2020-04-09|EPI_ISL_596651|Original|hCoV-19^^Dublin|Human|St.Vincent's University Hospital|St.Vincent's University Hospital|Gonzalez|Ireland

>Spike|hCoV-19/England/BRIS-131032/2020|2020-03-24|EPI_ISL_501581|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/564/2020|2020-04-03|EPI_ISL_483587|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/WI-WSLH-200060/2020|2020-03-22|EPI_ISL_471225|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Japan/PG-2205/2020|2020-04-00|EPI_ISL_685810|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14611/2020|2020-10-10|EPI_ISL_787896|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204760273/2020|2020-00-00|EPI_ISL_649109|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-275/2020|2020-06-15|EPI_ISL_523617|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-9E13B8/2020|2020-09-20|EPI_ISL_581004|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F5EE4/2020|2020-10-07|EPI_ISL_651067|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC55/2020|2020-03-17|EPI_ISL_420570|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-B54CD1/2020|2020-11-05|EPI_ISL_657870|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC607/2020|2020-03-27|EPI_ISL_426862|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-71D555/2020|2020-07-01|EPI_ISL_557570|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00235866/2020|2020-03-22|EPI_ISL_536113|Original|hCoV-19^^Quebec|Human|H\u00f4pital et Centre d'H\u00e9bergement de Sept-Iles|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/NORT-1B72223/2020|2020-11-25|EPI_ISL_724861|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009269/2020|2020-05-14|EPI_ISL_525252|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-9FD164/2020|2020-10-02|EPI_ISL_588027|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9B4CA4/2020|2020-09-03|EPI_ISL_602086|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1737/2020|2020-06-01|EPI_ISL_496163|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/20139046704/2020|2020-03-28|EPI_ISL_420690|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-8463F/2020|2020-04-27|EPI_ISL_438743|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-AE2389/2020|2020-10-26|EPI_ISL_633554|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8C3F/2020|2020-11-02|EPI_ISL_651682|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-8966/2020|2020-09-00|EPI_ISL_686512|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/GCVR-17000A/2020|2020-03-25|EPI_ISL_459625|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20931/2020|2020-03-18|EPI_ISL_507721|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/NOTT-111B37/2020|2020-06-01|EPI_ISL_461963|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001147/2020|2020-03-28|EPI_ISL_452578|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUA-9E479B/2020|2020-09-23|EPI_ISL_579815|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BE78/2020|2020-11-04|EPI_ISL_666362|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-998A8E/2020|2020-08-24|EPI_ISL_568352|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1297/2020|2020-03-24|EPI_ISL_582523|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC) |Borges|Portugal

>Spike|hCoV-19/England/CAMB-7DC64/2020|2020-04-06|EPI_ISL_441639|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42201778/2020|2020-03-21|EPI_ISL_528312|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/PHWC-31895/2020|2020-04-10|EPI_ISL_446498|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490B00/2020|2020-11-15|EPI_ISL_706537|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036813555/2020|2020-11-06|EPI_ISL_728397|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/LIVE-9E6AB/2020|2020-04-11|EPI_ISL_453321|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-9E2AC1/2020|2020-09-21|EPI_ISL_581296|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F9380/2020|2020-09-26|EPI_ISL_588802|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-281/2020|2020-05-27|EPI_ISL_523260|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20144072404/2020|2020-03-31|EPI_ISL_466007|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14771/2020|2020-11-23|EPI_ISL_711968|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48D16E/2020|2020-11-07|EPI_ISL_666587|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036767316/2020|2020-11-03|EPI_ISL_682229|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-1995/2020|2020-07-20|EPI_ISL_618296|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-974903/2020|2020-08-21|EPI_ISL_575794|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA15EA/2020|2020-10-22|EPI_ISL_624496|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA741/2020|2020-11-20|EPI_ISL_701824|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-nimh-3948/2020|2020-04-23|EPI_ISL_515941|Original|hCoV-19^^Karnataka|Human|CV RAMAN HOSPITAL|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Switzerland/BE-UNIBE-188-3982/2020|2020-03-22|EPI_ISL_574827|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-4746/2020|2020-06-26|EPI_ISL_730119|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CHLA-PLM00400834/2020|2020-11-04|EPI_ISL_753273|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Japan/PG-1355/2020|2020-04-00|EPI_ISL_684963|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC9521/2020|2020-08-19|EPI_ISL_565585|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-11377/2020|2020-09-06|EPI_ISL_790003|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/KK-NVRL-MPB59153/2020|2020-04-11|EPI_ISL_767803|Original|hCoV-19^^Kilkenny|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/EXET-13E32D/2020|2020-12-06|EPI_ISL_724319|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/BRIS-130B41/2020|2020-03-12|EPI_ISL_492505|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-120/2020|2020-10-02|EPI_ISL_671965|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Denmark/DCGC-2632/2020|2020-08-17|EPI_ISL_616511|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B84C50/2020|2020-11-15|EPI_ISL_675974|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B260BE/2020|2020-11-04|EPI_ISL_646613|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B630F/2020|2020-09-22|EPI_ISL_576898|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32E47/2020|2020-04-14|EPI_ISL_446696|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2D2AE9/2020|2020-04-03|EPI_ISL_517511|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-31006/2020|2020-04-10|EPI_ISL_446393|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22557/2020|2020-12-14|EPI_ISL_757634|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-BBAFA3/2020|2020-11-20|EPI_ISL_701678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1646AD/2020|2020-05-11|EPI_ISL_474214|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/ARA-SC414/2020|2020-05-25|EPI_ISL_660371|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/20139027204/2020|2020-03-27|EPI_ISL_421902|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B34150/2020|2020-11-05|EPI_ISL_659681|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12671/2020|2020-08-30|EPI_ISL_790455|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-611/2020|2020-04-10|EPI_ISL_547245|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48C24E/2020|2020-11-09|EPI_ISL_665539|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Georgia/Tb-97937/2020|2020-09-23|EPI_ISL_754181|Original|hCoV-19^^Tbilisi|Human|Department for Virology|Department for Virology|Tomashvili|Georgia

>Spike|hCoV-19/England/CAMC-A6661B/2020|2020-10-11|EPI_ISL_626774|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/ALDP-B4920A/2020|2020-11-07|EPI_ISL_710887|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1387AF/2020|2020-10-19|EPI_ISL_627428|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AABFD3/2020|2020-10-21|EPI_ISL_652841|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036672506/2020|2020-10-28|EPI_ISL_650047|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/BIRM-5F4F7/2020|2020-00-00|EPI_ISL_461510|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Singapore/983/2020|2020-03-22|EPI_ISL_548991|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Canada/ON-S856/2020|2020-04-11|EPI_ISL_586461|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/WI-UW-2482/2020|2020-12-24|EPI_ISL_759756|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/ID-UW-1938/2020|2020-03-22|EPI_ISL_424318|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/France/IDF-10008DM/2020|2020-03-00|EPI_ISL_447697|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/Kenya/C2041/2020|2020-04-23|EPI_ISL_457869|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/CAMB-7E999/2020|2020-04-06|EPI_ISL_443063|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A94562/2020|2020-10-20|EPI_ISL_624578|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LCST-24D725D/2020|2020-06-24|EPI_ISL_499976|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-731/2020|2020-10-08|EPI_ISL_632574|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/United Arab Emirates/0881/2020|2020-05-19|EPI_ISL_699019|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/MI-MDHHS-SC20274/2020|2020-03-19|EPI_ISL_447072|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Scotland/QEUH-9B0BF6/2020|2020-09-03|EPI_ISL_560038|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-CA08A/2020|2020-08-31|EPI_ISL_540747|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-ACE110/2020|2020-10-22|EPI_ISL_630066|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0075/2020|2020-05-25|EPI_ISL_509479|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/USA/FL-BPHL-0522/2020|2020-06-18|EPI_ISL_508725|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-3679/2020|2020-09-07|EPI_ISL_615454|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB5153/2020|2020-05-17|EPI_ISL_493943|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EB4A/2020|2020-10-01|EPI_ISL_585825|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-400298/2020|2020-12-07|EPI_ISL_729063|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-13580/2020|2020-11-30|EPI_ISL_712890|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3179/2020|2020-08-31|EPI_ISL_616001|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Mexico/SON-INDRE_34/2020|2020-05-28|EPI_ISL_493349|Original|hCoV-19^^Sonora|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/England/ALDP-C489F6/2020|2020-12-12|EPI_ISL_736614|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11656/2020|2020-09-23|EPI_ISL_625482|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Belgium/reg-0528690/2020|2020-05-28|EPI_ISL_734745|Original|hCoV-19^^Stevoort|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMB-83E38/2020|2020-04-27|EPI_ISL_438699|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F7EB/2020|2020-10-02|EPI_ISL_586022|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1479/2020|2020-06-26|EPI_ISL_549261|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Thailand/Bangkok-PH7928/2020|2020-09-14|EPI_ISL_708812|Vero 1|hCoV-19^^Bangkok|Human|World Medical Hospital|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-203/2020|2020-06-20|EPI_ISL_483700|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Switzerland/VD-ETHZ-380226/2020|2020-11-23|EPI_ISL_721916|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-BB3881/2020|2020-11-20|EPI_ISL_701783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-891/2020|2020-05-18|EPI_ISL_614455|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-282B6D/2020|2020-03-28|EPI_ISL_472212|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS

Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK
(COG-UK) Consortium|Bashton|United Kingdom
>Spike|hCoV-19/Wales/PHWC-480EA0/2020|2020-10-16|EPI_ISL_613011|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Russia/StPetersburg-RII7656S/2020|2020-04-
20|EPI_ISL_450264|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza
Centre Russian Federation|WHO National Influenza Centre Russian
Federation|Komissarov|Russia
>Spike|hCoV-19/England/MILK-6239BB/2020|2020-07-06|EPI_ISL_557845|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/TX-HMH-6867/2020|2020-06-25|EPI_ISL_546302|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/Japan/PG-1993/2020|2020-04-00|EPI_ISL_685598|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Scotland/QEUIH-9F67E1/2020|2020-09-27|EPI_ISL_600655|Original|hCoV-
19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Scotland/QEUIH-9D32CB/2020|2020-09-20|EPI_ISL_638913|Original|hCoV-
19^^Scotland|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK)
Consortium|Robson|United Kingdom
>Spike|hCoV-19/USA/AZ-TG395891/2020|2020-06-06|EPI_ISL_694735|Original|hCoV-
19^^Arizona|Human|AZ SPHL|TGen North|French|USA
>Spike|hCoV-19/USA/FL-BPHL-0594/2020|2020-03-24|EPI_ISL_508798|Original|hCoV-
19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of
Public Health Laboratories|Blanton|USA
>Spike|hCoV-19/Netherlands/ZH-EMC-1039/2020|2020-09-07|EPI_ISL_722846|Original|hCoV-
19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
Munnink|Netherlands
>Spike|hCoV-19/England/LIVE-1D7238/2020|2020-09-26|EPI_ISL_584598|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/England/ALDP-9FCD43/2020|2020-10-02|EPI_ISL_587728|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-A6DC4F/2020|2020-10-14|EPI_ISL_607647|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/QEUIH-B683E4/2020|2020-11-11|EPI_ISL_661580|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NOTT-113CBA/2020|2020-09-29|EPI_ISL_573472|Original|hCoV-
19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom
>Spike|hCoV-19/Scotland/QEUIH-9F2CC8/2020|2020-09-25|EPI_ISL_600809|Original|hCoV-
19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/IL-UW-1961/2020|2020-09-23|EPI_ISL_677369|Original|hCoV-
19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/LOND-D9AB7/2020|2020-09-18|EPI_ISL_584678|Original|hCoV-
19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK)
Consortium|Roy|United Kingdom
>Spike|hCoV-19/USA/VA_6171/2020|2020-03-06|EPI_ISL_424907|Original|hCoV-
19^^Virginia|Human|VA-Division of Consolidated Laboratory Services|Pathogen
Discovery|Queen|USA

>Spike|hCoV-19/Canada/ON-E53/2020|2020-05-29|EPI_ISL_593528|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Russia/KDA-RII-MH4740S/2020|2020-10-17|EPI_ISL_733252|Original|hCoV-19^^Krasnodar|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/MI-UM-2006S000853/2020|2020-03-28|EPI_ISL_484712|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/20166003104/2020|2020-04-16|EPI_ISL_527337|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200319/2020|2020-04-16|EPI_ISL_578500|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/WI-UW-2628/2020|2020-12-31|EPI_ISL_791144|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-714/2020|2020-10-05|EPI_ISL_632561|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-13793/2020|2020-11-30|EPI_ISL_713028|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-96E18C/2020|2020-08-18|EPI_ISL_530562|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9DCD1C/2020|2020-09-21|EPI_ISL_599809|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S117/2020|2020-03-22|EPI_ISL_586291|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/MILK-A91662/2020|2020-10-16|EPI_ISL_705973|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-6867/2020|2020-06-00|EPI_ISL_687975|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Belgium/ULG-10911/2020|2020-11-14|EPI_ISL_678452|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Hong Kong/HKU-200723-034/2020|2020-07-14|EPI_ISL_497801|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/USA/MA-MGH-00896/2020|2020-05-05|EPI_ISL_791813|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Australia/VIC5030/2020|2020-07-16|EPI_ISL_519834|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-DSHS-0600/2020|2020-06-04|EPI_ISL_569710|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00236396/2020|2020-03-24|EPI_ISL_536127|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-32D3B/2020|2020-04-07|EPI_ISL_446683|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A5B93/2020|2020-03-16|EPI_ISL_499531|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-A7969D/2020|2020-10-14|EPI_ISL_606646|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3486/2020|2020-07-00|EPI_ISL_691596|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B096CE/2020|2020-10-30|EPI_ISL_672973|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACDBD7/2020|2020-10-21|EPI_ISL_630135|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3483/2020|2020-04-05|EPI_ISL_579501|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Norway/2596/2020|2020-05-12|EPI_ISL_481207|Original|hCoV-19^^Norway|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/India/TG-CCMB-L1024/2020|2020-05-11|EPI_ISL_458048|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/LA-EVTL600/2020|2020-06-30|EPI_ISL_579004|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/NOTT-111A94/2020|2020-05-26|EPI_ISL_461957|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3142/2020|2020-07-14|EPI_ISL_635872|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/FL-BPHL-0311/2020|2020-06-02|EPI_ISL_489720|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-48B90E/2020|2020-11-06|EPI_ISL_666299|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-73IRL70375/2020|2020-09-14|EPI_ISL_639841|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Portugal/PT1757/2020|2020-11-13|EPI_ISL_731909|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Luxembourg/LNS7388872/2020|2020-11-25|EPI_ISL_744560|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Germany/HH-hpi-p1852/2020|2020-03-23|EPI_ISL_776202|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-4172/2020|2020-09-14|EPI_ISL_621992|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4479/2020|2020-09-20|EPI_ISL_585343|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Italy/LOM-INMI-13075-N/2020|2020-03-01|EPI_ISL_451309|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/England/ALDP-9E586A/2020|2020-09-24|EPI_ISL_589370|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4836F0/2020|2020-10-24|EPI_ISL_627850|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97009586/2020|2020-08-18|EPI_ISL_683654|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-B5E017/2020|2020-11-09|EPI_ISL_723624|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2804/2020|2020-06-08|EPI_ISL_545566|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2009278/2020|2020-05-15|EPI_ISL_525259|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-5EE434/2020|2020-06-16|EPI_ISL_533255|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH46/2020|2020-03-13|EPI_ISL_429300|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/PHWC-265BA/2020|2020-03-27|EPI_ISL_422192|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-8CADA9/2020|2020-06-27|EPI_ISL_556627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24D7D/2020|2020-11-04|EPI_ISL_646639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D2A9/2020|2020-11-09|EPI_ISL_678882|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4224/2020|2020-09-14|EPI_ISL_622117|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-25005/2020|2020-03-20|EPI_ISL_420929|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-310521/2020|2020-10-08|EPI_ISL_603589|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-AFMC-5643/2020|2020-05-24|EPI_ISL_497883|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/LIVE-A789A/2020|2020-03-27|EPI_ISL_517083|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009487/2020|2020-07-19|EPI_ISL_605171|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-S1809/2020|2020-06-02|EPI_ISL_496235|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12816/2020|2020-08-19|EPI_ISL_789942|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DCB909/2020|2020-11-22|EPI_ISL_724438|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wuhan/0126-C77/2020|2020-01-26|EPI_ISL_493178|Original|hCoV-19^^Hubei|Human|National Virus Resource Center|Computational Virology Group|Liu|China

>Spike|hCoV-19/Wales/PHWC-4A18E7/2020|2020-12-11|EPI_ISL_743743|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/201340875/2020|2020-03-24|EPI_ISL_423193|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-CB8C52/2020|2020-12-19|EPI_ISL_777836|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02878/2020|2020-04-29|EPI_ISL_513677|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Denmark/DCGC-4480/2020|2020-09-14|EPI_ISL_615665|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9B8DDA/2020|2020-09-07|EPI_ISL_549608|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3936/2020|2020-07-30|EPI_ISL_548554|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/AN-IBV-001992/2020|2020-03-15|EPI_ISL_452401|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ella. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/NY-NYUMC192/2020|2020-04-01|EPI_ISL_427487|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-168E47/2020|2020-06-24|EPI_ISL_499356|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR1398/2020|2020-04-01|EPI_ISL_433567|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-7F52B/2020|2020-04-09|EPI_ISL_470524|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14894/2020|2020-10-15|EPI_ISL_786378|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Iceland/461/2020|2020-03-20|EPI_ISL_424484|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Luxembourg/LNS5578604/2020|2020-11-16|EPI_ISL_744254|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-5976/2020|2020-08-00|EPI_ISL_689091|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/PV-IBV-003206/2020|2020-03-12|EPI_ISL_481036|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-B9FB19/2020|2020-11-18|EPI_ISL_720995|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-0519/2020|2020-04-03|EPI_ISL_430061|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Australia/VIC3227/2020|2020-06-29|EPI_ISL_520910|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/SHEF-10D2CF1/2020|2020-12-19|EPI_ISL_742049|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC2705/2020|2020-07-04|EPI_ISL_521543|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-1878/2020|2020-04-28|EPI_ISL_486177|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/ALDP-A6687F/2020|2020-10-12|EPI_ISL_630601|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6860/2020|2020-10-12|EPI_ISL_619705|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1043/2020|2020-08-01|EPI_ISL_516469|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/EDB1732/2020|2020-04-15|EPI_ISL_433131|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/20099072004/2020|2020-02-28|EPI_ISL_464221|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11603/2020|2020-11-02|EPI_ISL_671018|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2256/2020|2020-05-12|EPI_ISL_510594|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Japan/PG-7426/2020|2020-07-00|EPI_ISL_688528|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-4422/2020|2020-09-21|EPI_ISL_621843|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8C414/2020|2020-11-13|EPI_ISL_674355|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-717/2020|2020-04-08|EPI_ISL_546565|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-PV09429/2020|2020-03-12|EPI_ISL_450106|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/India/MH-ACTREC-510/2020|2020-08-19|EPI_ISL_700158|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/LOND-126703F/2020|2020-12-11|EPI_ISL_741244|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMB-723E2/2020|2020-03-24|EPI_ISL_439547|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-0894/2020|2020-04-05|EPI_ISL_435391|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-6762/2020|2020-10-12|EPI_ISL_619458|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-13BE4D/2020|2020-00-00|EPI_ISL_679367|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5430/2020|2020-06-26|EPI_ISL_544769|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-9B22D1/2020|2020-09-04|EPI_ISL_549406|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-42190269/2020|2020-03-13|EPI_ISL_528065|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-0477-SAN/2020|2020-03-31|EPI_ISL_483167|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CDPH084/2020|2020-07-28|EPI_ISL_755044|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Chile/AT-CMM-ATAC03/2020|2020-07-20|EPI_ISL_626550|Original|hCoV-19^^Atacama|Human|Laboratorio de Biología Molecular|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma Valdeavellanos|Chile

>Spike|hCoV-19/USA/TX-HMH-MCoV-14688/2020|2020-10-12|EPI_ISL_787973|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-09205/2020|2020-07-03|EPI_ISL_489943|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/FL-BPHL-1779/2020|2020-07-30|EPI_ISL_613882|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-12348/2020|2020-06-27|EPI_ISL_570508|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WA-S708/2020|2020-04-09|EPI_ISL_449878|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-5762S/2020|2020-07-13|EPI_ISL_569787|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/VIC2329/2020|2020-06-23|EPI_ISL_522050|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-1833/2020|2020-07-27|EPI_ISL_526041|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/UT-02233/2020|2020-04-15|EPI_ISL_436930|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-C3966A/2020|2020-12-09|EPI_ISL_731394|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5097/2020|2020-10-17|EPI_ISL_626844|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-3047/2020|2020-09-30|EPI_ISL_667457|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FBEFF/2020|2020-04-11|EPI_ISL_459383|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A3D9F/2020|2020-05-19|EPI_ISL_500026|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC29/2020|2020-03-17|EPI_ISL_418975|Original|hCoV-19^^New York|Human|NYU Langone Health|Department of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/QEUIH-895967/2020|2020-07-28|EPI_ISL_532744|Original|hCoV-19^^Scotland|Human|NHS GGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B863E0/2020|2020-11-13|EPI_ISL_673958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B26467/2020|2020-11-04|EPI_ISL_646571|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1974/2020|2020-03-26|EPI_ISL_776295|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/WI-UW-218/2020|2020-03-25|EPI_ISL_428314|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Denmark/DCGC-9541/2020|2020-11-09|EPI_ISL_669030|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUIH-B6C580/2020|2020-11-11|EPI_ISL_676342|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3120/2020|2020-07-14|EPI_ISL_635858|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Peru/LIM-UPCH-0031/2020|2020-06-18|EPI_ISL_540931|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/England/LIVE-9FABD/2020|2020-06-04|EPI_ISL_472036|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-CB734F/2020|2020-12-18|EPI_ISL_778017|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUIH-9F2CF5/2020|2020-09-25|EPI_ISL_600791|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52927/2020|2020-11-08|EPI_ISL_657481|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0403/2020|2020-06-23|EPI_ISL_495528|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-1090/2020|2020-04-00|EPI_ISL_684700|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUIH-B117DF/2020|2020-11-02|EPI_ISL_642338|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9778/2020|2020-07-25|EPI_ISL_565709|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B548FB/2020|2020-11-09|EPI_ISL_658307|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A640C/2020|2020-12-16|EPI_ISL_763671|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00560/2020|2020-11-03|EPI_ISL_717944|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/MILK-BAB5A3/2020|2020-11-18|EPI_ISL_705200|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOS-CRIE-13351661/2020|2020-11-06|EPI_ISL_745240|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiolog

>y|Korneenko|Russia

>Spike|hCoV-19/France/PAC-IHU-0551/2020|2020-04-08|EPI_ISL_569589|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a0Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-10330/2020|2020-11-02|EPI_ISL_669466|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-C534A/2020|2020-10-20|EPI_ISL_613366|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-A58B1D/2020|2020-10-09|EPI_ISL_597218|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB3793/2020|2020-11-19|EPI_ISL_701714|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-800AE/2020|2020-04-09|EPI_ISL_470369|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MO-WUSTL064/2020|2020-06-19|EPI_ISL_493083|Original|hCoV-19^^Missouri|Human|Washington University in St. Louis|Washington University in St. Louis|Tahan|USA

>Spike|hCoV-19/Wales/PHWC-49B14F/2020|2020-10-30|EPI_ISL_742301|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00615/2020|2020-05-11|EPI_ISL_693006|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Denmark/DCGC-7112/2020|2020-10-12|EPI_ISL_619148|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-970925/2020|2020-08-18|EPI_ISL_553129|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6647/2020|2020-05-26|EPI_ISL_493969|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC134/2020|2020-03-22|EPI_ISL_419827|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Russia/STA-RII-MH2776V/2020|2020-09-21|EPI_ISL_733396|Vero|hCoV-19^^Stavropol|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-DSHS-1378/2020|2020-05-11|EPI_ISL_654762|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42190378/2020|2020-03-13|EPI_ISL_528070|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/PHWC-24A71/2020|2020-03-20|EPI_ISL_419475|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-6476/2020|2020-08-00|EPI_ISL_689581|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/BC-BCCDC-8366/2020|2020-11-00|EPI_ISL_740755|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/England/NORT-2A595B/2020|2020-09-30|EPI_ISL_584701|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Brazil/RJ-2777/2020|2020-04-25|EPI_ISL_467364|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Luxembourg/LNS3115160/2020|2020-03-16|EPI_ISL_740250|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUEH-B67CAE/2020|2020-11-11|EPI_ISL_655186|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF63C/2020|2020-09-20|EPI_ISL_637755|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Sweden/20-14013/2020|2020-04-27|EPI_ISL_455103|Original|hCoV-19^^Halland|Human|Huslakarna Varmbadhuset Varberg|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/QEUEH-B8101B/2020|2020-11-14|EPI_ISL_661719|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0019/2020|2020-05-07|EPI_ISL_698229|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-A6E76B/2020|2020-10-15|EPI_ISL_607831|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-B1246E/2020|2020-11-02|EPI_ISL_647871|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201140398/2020|2020-03-11|EPI_ISL_464731|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000054/2020|2020-03-07|EPI_ISL_631548|Original|hCoV-19^^New York|Human|New York Presbyterian-Brooklyn Methodist Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/South Korea/KCDC2168/2020|2020-03-09|EPI_ISL_506962|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Belgium/ULG-10022/2020|2020-03-31|EPI_ISL_421197|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/20162000104/2020|2020-04-13|EPI_ISL_466376|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LOND-1267002/2020|2020-12-11|EPI_ISL_741242|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6540/2020|2020-06-26|EPI_ISL_546066|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/ULG-11150/2020|2020-12-20|EPI_ISL_737394|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-1391/2020|2020-04-01|EPI_ISL_542692|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20546/2020|2020-12-21|EPI_ISL_759071|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-000114/2020|2020-03-28|EPI_ISL_631606|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/WA-S2449/2020|2020-06-16|EPI_ISL_497081|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-DSHS-0940/2020|2020-06-20|EPI_ISL_602238|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21510/2020|2020-04-01|EPI_ISL_516237|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-UM-10036767440/2020|2020-11-03|EPI_ISL_682205|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-C25F75/2020|2020-12-06|EPI_ISL_783033|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1444/2020|2020-03-26|EPI_ISL_514663|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Russia/MUR-RII-MH6068S/2020|2020-11-11|EPI_ISL_733338|Original|hCoV-19^^Murmansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Japan/PG-3326/2020|2020-04-00|EPI_ISL_691441|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYUMC884/2020|2020-05-03|EPI_ISL_467377|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/VA-DCLS-0208/2020|2020-04-08|EPI_ISL_437423|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/France/ARA-102363/2020|2020-11-05|EPI_ISL_732681|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUH-A01B6E/2020|2020-10-01|EPI_ISL_680009|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3352/2020|2020-06-12|EPI_ISL_544137|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC70/2020|2020-03-13|EPI_ISL_419786|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Spain/AN-IBV-001272/2020|2020-03-24|EPI_ISL_452554|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-162BFB/2020|2020-05-27|EPI_ISL_473177|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/205141823/2020|2020-12-14|EPI_ISL_766224|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-110039/2020|2020-04-01|EPI_ISL_486474|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Brazil/SP-293/2020|2020-04-17|EPI_ISL_527857|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Regional Vale do Ribeira|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410542/2020|2020-11-26|EPI_ISL_737923|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-1B914E/2020|2020-00-00|EPI_ISL_705518|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUH-BCBA71/2020|2020-11-27|EPI_ISL_704644|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV08448/2020|2020-03-17|EPI_ISL_421399|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/LA-EVTL1287/2020|2020-12-10|EPI_ISL_778953|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-362/2020|2020-07-24|EPI_ISL_514235|Original|hCoV-19^^Chittagong|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/BRIS-1853AAB/2020|2020-04-17|EPI_ISL_492222|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-762E1/2020|2020-03-30|EPI_ISL_438413|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-994CAA/2020|2020-08-25|EPI_ISL_552388|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1280/2020|2020-04-16|EPI_ISL_579665|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/MA-MGH-00238/2020|2020-04-06|EPI_ISL_460365|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/MILK-A7C463/2020|2020-10-15|EPI_ISL_606522|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A1902/2020|2020-12-11|EPI_ISL_743745|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10998/2020|2020-11-14|EPI_ISL_707714|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-843106/2020|2020-07-16|EPI_ISL_557325|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664539/2020|2020-04-20|EPI_ISL_696156|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/AZ-TG408214/2020|2020-06-17|EPI_ISL_694950|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/GSTT-265E23E/2020|2020-03-31|EPI_ISL_484173|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1865/2020|2020-06-24|EPI_ISL_745300|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUH-96E016/2020|2020-08-18|EPI_ISL_530606|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488D50/2020|2020-11-03|EPI_ISL_639497|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT0326/2020|2020-03-16|EPI_ISL_454042|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-745A82/2020|2020-06-29|EPI_ISL_557398|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22638/2020|2020-12-02|EPI_ISL_737127|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUH-CCD8B0/2020|2020-12-24|EPI_ISL_782464|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17233/2020|2020-08-14|EPI_ISL_663807|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MGH-03575/2020|2020-12-01|EPI_ISL_765890|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUH-B13C47/2020|2020-11-02|EPI_ISL_641871|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94FCF9/2020|2020-06-16|EPI_ISL_555194|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68655/2020|2020-10-12|EPI_ISL_630409|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH290/2020|2020-11-28|EPI_ISL_755111|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Denmark/DCGC-2095/2020|2020-07-27|EPI_ISL_618354|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15841/2020|2020-07-10|EPI_ISL_785525|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-5592/2020|2020-09-28|EPI_ISL_620917|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-003009/2020|2020-04-01|EPI_ISL_474832|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-UW-13082/2020|2020-06-30|EPI_ISL_570949|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-1BBDA2/2020|2020-11-14|EPI_ISL_679232|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/PORT-2D43A0/2020|2020-09-22|EPI_ISL_577202|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/GA-EHC-161G/2020|2020-04-09|EPI_ISL_754748|Original|hCoV-19^^Georgia|Human|Emory Molecular Diagnostics Laboratory|Piantadosi Lab|Piantadosi|USA

>Spike|hCoV-19/USA/CA-CZB-15289/2020|2020-11-30|EPI_ISL_738855|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/France/PAC-IHU-0785/2020|2020-04-29|EPI_ISL_568961|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Austria/CeMM0216/2020|2020-03-16|EPI_ISL_438050|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/CAMC-A8241F/2020|2020-10-12|EPI_ISL_610788|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22401/2020|2020-11-11|EPI_ISL_708234|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/MILK-99CEBB/2020|2020-08-31|EPI_ISL_549847|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0196/2020|2020-03-29|EPI_ISL_453912|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-5967/2020|2020-07-00|EPI_ISL_689082|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Africa/LR00142/2020|2020-07-20|EPI_ISL_514373|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/QEUA-9DD58C/2020|2020-09-21|EPI_ISL_599679|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B7ED56/2020|2020-11-14|EPI_ISL_661810|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2675/2020|2020-06-00|EPI_ISL_690807|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4970A0/2020|2020-11-25|EPI_ISL_726774|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9E632/2020|2020-04-11|EPI_ISL_453318|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Hong Kong/VB20090660/2020|2020-07-07|EPI_ISL_510082|Original|hCoV-19^^Hong Kong|Human|Communicable Disease Branch|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/USA/NY-NYUMC819/2020|2020-03-27|EPI_ISL_456055|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/ALDP-B24487/2020|2020-11-04|EPI_ISL_646876|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-4AD21A/2020|2020-06-14|EPI_ISL_559301|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAEC9D/2020|2020-10-22|EPI_ISL_652996|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Norway/2799/2020|2020-06-26|EPI_ISL_493365|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-A6D3C2/2020|2020-10-15|EPI_ISL_608003|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1135/2020|2020-02-07|EPI_ISL_648043|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/South Korea/KCDC2058/2020|2020-02-22|EPI_ISL_481378|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/NM-LANL-2020016073/2020|2020-04-07|EPI_ISL_596447|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Los Alamos National Laboratory Bioscience Division|Lo|USA

>Spike|hCoV-19/Hong Kong/HKU-913a/2020|2020-01-31|EPI_ISL_450410|unknown|hCoV-19^^Hong Kong|Human|unknown|Microbiology|Submitter|China

>Spike|hCoV-19/USA/MD-MDH-0183/2020|2020-03-08|EPI_ISL_538267|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Australia/VIC5716/2020|2020-07-18|EPI_ISL_518518|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUI-B7E54F/2020|2020-11-14|EPI_ISL_667950|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-974B2B/2020|2020-08-21|EPI_ISL_552496|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E37F/2020|2020-10-02|EPI_ISL_585706|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUI-C93A62/2020|2020-12-16|EPI_ISL_777021|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4026/2020|2020-09-14|EPI_ISL_615798|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204742206/2020|2020-00-00|EPI_ISL_649915|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22170/2020|2020-10-20|EPI_ISL_614221|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUI-B6B79A/2020|2020-11-11|EPI_ISL_662512|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regal-12111354/2020|2020-12-11|EPI_ISL_738407|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Switzerland/ZH-ETHZ-101181/2020|2020-03-31|EPI_ISL_451843|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUI-960542/2020|2020-08-05|EPI_ISL_532049|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2412/2020|2020-08-10|EPI_ISL_617594|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-77D2B/2020|2020-04-01|EPI_ISL_440601|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2016/2020|2020-05-09|EPI_ISL_635307|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUI-AD0597/2020|2020-10-26|EPI_ISL_649749|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8035/2020|2020-10-01|EPI_ISL_594817|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4125/2020|2020-12-16|EPI_ISL_763597|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8254/2020|2020-08-00|EPI_ISL_687353|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1431/2020|2020-09-11|EPI_ISL_541564|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison Campus AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-B8387B/2020|2020-11-14|EPI_ISL_675214|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MO-WUSTL032/2020|2020-06-19|EPI_ISL_476021|Original|hCoV-19^^Missouri|Human|Washington University in St. Louis|Washington University in St. Louis|Tahan|USA

>Spike|hCoV-19/Japan/PG-6358/2020|2020-08-00|EPI_ISL_689469|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-0141/2020|2020-03-09|EPI_ISL_480792|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/UT-QDX-1901/2020|2020-03-13|EPI_ISL_604283|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WA-UW-4732/2020|2020-03-29|EPI_ISL_429616|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Luxembourg/LNS1673015/2020|2020-04-21|EPI_ISL_434488|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de Sante|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUEH-A0072F/2020|2020-09-30|EPI_ISL_600292|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1125/2020|2020-04-04|EPI_ISL_494377|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/EDB4235/2020|2020-04-21|EPI_ISL_453116|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-9A9228/2020|2020-08-31|EPI_ISL_551190|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9CFCF1/2020|2020-09-16|EPI_ISL_601824|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036824672/2020|2020-11-06|EPI_ISL_728418|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MA-MGH-01120/2020|2020-05-02|EPI_ISL_791882|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/NY-QDX-841/2020|2020-03-17|EPI_ISL_571652|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/New Zealand/20VR2956/2020|2020-00-00|EPI_ISL_579375|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/LA-EVTL1280/2020|2020-12-10|EPI_ISL_778946|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/United Arab Emirates/0516/2020|2020-05-17|EPI_ISL_698679|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Scotland/EDB1095/2020|2020-04-07|EPI_ISL_433391|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/LEED-2AA6E6/2020|2020-04-01|EPI_ISL_538983|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7680274/2020|2020-11-05|EPI_ISL_744611|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/LIVE-A3C92/2020|2020-05-19|EPI_ISL_500020|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NORT-2A45FE/2020|2020-09-04|EPI_ISL_572702|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7414/2020|2020-10-12|EPI_ISL_619340|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3049/2020|2020-08-31|EPI_ISL_616829|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-1790/2020|2020-09-16|EPI_ISL_644874|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-170020/2020|2020-06-24|EPI_ISL_486532|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Ireland/CE-UHL58/2020|2020-05-01|EPI_ISL_681716|Original|hCoV-19^^Clare|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/CAMC-C40369/2020|2020-12-10|EPI_ISL_718473|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-1712C7/2020|2020-03-26|EPI_ISL_459680|Original|hCoV-19^^Scotland|Human|NHS GGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1060/2020|2020-04-08|EPI_ISL_437060|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/TX-DSHS-2062/2020|2020-12-08|EPI_ISL_766658|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-12795/2020|2020-11-02|EPI_ISL_682976|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Kenya/C571/2020|2020-04-12|EPI_ISL_568702|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/USA/WI-UW-312/2020|2020-04-27|EPI_ISL_436606|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Germany/SN-RKI-NP-0070/2020|2020-12-17|EPI_ISL_763010|Original|hCoV-19^^Saxony|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/Wales/PHWC-490256/2020|2020-11-19|EPI_ISL_706462|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15968/2020|2020-07-10|EPI_ISL_785652|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B8616E/2020|2020-11-13|EPI_ISL_673961|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11713/2020|2020-07-24|EPI_ISL_591838|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S2513/2020|2020-06-17|EPI_ISL_497145|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/QEUEH-9F820C/2020|2020-09-27|EPI_ISL_589001|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1047/2020|2020-06-04|EPI_ISL_626492|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/ALDP-5A3DF4/2020|2020-06-14|EPI_ISL_558769|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200045842/2020|2020-11-10|EPI_ISL_664086|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-BB9F77/2020|2020-11-20|EPI_ISL_701971|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-20111/2020|2020-09-13|EPI_ISL_547849|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/CAMC-9DF283/2020|2020-09-20|EPI_ISL_638401|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A92A/2020|2020-12-02|EPI_ISL_727619|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-15287/2020|2020-10-01|EPI_ISL_718214|Original|hCoV-19^^Sarawak|Human|Ministry of Health Hospitals|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/England/20109002704/2020|2020-03-03|EPI_ISL_464506|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-7543/2020|2020-10-23|EPI_ISL_681794|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Brazil/SP-RP2/2020|2020-03-22|EPI_ISL_613709|Original|hCoV-19^^S\u00e3o Paulo|Human|Laboratory of Molecular Biology|Laboratory of Molecular Biology|Slavov|Brazil

>Spike|hCoV-19/USA/MI-QDX-2086/2020|2020-03-18|EPI_ISL_604459|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/VA-DCLS-1168/2020|2020-07-18|EPI_ISL_525195|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-1AB8D1/2020|2020-04-20|EPI_ISL_470203|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9F8A9/2020|2020-11-18|EPI_ISL_721101|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B98FE7/2020|2020-11-15|EPI_ISL_673533|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D59B/2020|2020-10-06|EPI_ISL_586835|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A69478/2020|2020-10-12|EPI_ISL_608885|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/SAP390/2020|2020-03-19|EPI_ISL_492155|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012590683/2020|2020-11-30|EPI_ISL_746870|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/Australia/VIC9705/2020|2020-08-25|EPI_ISL_565663|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0276/2020|2020-04-05|EPI_ISL_453990|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-16252/2020|2020-11-16|EPI_ISL_714374|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/5745/2020|2020-10-28|EPI_ISL_708156|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/New Zealand/20VR3150/2020|2020-03-22|EPI_ISL_579441|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-CAA01B/2020|2020-12-17|EPI_ISL_761517|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D1EFD/2020|2020-04-05|EPI_ISL_499294|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/201890916/2020|2020-04-30|EPI_ISL_526773|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/England/QEUA-9F5005/2020|2020-09-24|EPI_ISL_588456|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201117069/2020|2020-04-20|EPI_ISL_648579|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR3962/2020|2020-08-03|EPI_ISL_514514|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-A69171/2020|2020-10-13|EPI_ISL_608539|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04856/2020|2020-05-23|EPI_ISL_575177|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Northern Ireland/QEUA-79CC95/2020|2020-07-15|EPI_ISL_533077|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AC12CF/2020|2020-10-10|EPI_ISL_631074|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6676/2020|2020-07-00|EPI_ISL_687787|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-9E43A6/2020|2020-09-21|EPI_ISL_579813|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AD18F7/2020|2020-10-25|EPI_ISL_649698|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0736F/2020|2020-10-30|EPI_ISL_643756|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0141/2020|2020-09-09|EPI_ISL_755335|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/CAMC-BD21EB/2020|2020-11-28|EPI_ISL_702025|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-30/2020|2020-05-31|EPI_ISL_537563|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/LOND-126027C/2020|2020-03-14|EPI_ISL_524622|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B980D5/2020|2020-11-15|EPI_ISL_674973|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-A85133/2020|2020-10-16|EPI_ISL_625274|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B7968A/2020|2020-12-02|EPI_ISL_741430|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-287/2020|2020-06-08|EPI_ISL_523266|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYCPHL-001493/2020|2020-11-30|EPI_ISL_745421|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/NY-NYUMC575/2020|2020-03-30|EPI_ISL_444692|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14870/2020|2020-10-13|EPI_ISL_786354|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/OCC-73/2020|2020-08-31|EPI_ISL_593887|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9deratif de Biologie|Latour|France

>Spike|hCoV-19/England/MILK-C2FB1D/2020|2020-12-07|EPI_ISL_733617|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Uruguay/UY-957/2020|2020-05-25|EPI_ISL_480346|Original|hCoV-19^^Rivera|Human|Microbial Genomics Laboratory|Microbial Genomics Laboratory|Iraola|Uruguay

>Spike|hCoV-19/Japan/IC-0576/2021|2021-01-00|EPI_ISL_779662|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19385/2020|2020-11-30|EPI_ISL_783808|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K002760/2020|2020-08-16|EPI_ISL_529756|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B37D2C/2020|2020-11-05|EPI_ISL_659077|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94CA5C/2020|2020-06-15|EPI_ISL_555841|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC1D43/2020|2020-11-20|EPI_ISL_703162|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC8797/2020|2020-07-31|EPI_ISL_562081|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/PV-IBV-000699/2020|2020-03-08|EPI_ISL_452765|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/LIVE-9F23D/2020|2020-05-03|EPI_ISL_453439|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB6F7/2020|2020-09-16|EPI_ISL_575534|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-BC0EBC/2020|2020-11-20|EPI_ISL_710829|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-QDX-791/2020|2020-03-21|EPI_ISL_571525|Original|hCoV-19^^Florida|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9128/2020|2020-07-02|EPI_ISL_780958|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-DSHS-1330/2020|2020-04-02|EPI_ISL_654912|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12660/2020|2020-08-31|EPI_ISL_790446|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Greece/207_33548/2020|2020-03-14|EPI_ISL_447639|unknown|hCoV-19^^Athens|Human|unknown|Department of Medicine|Submitter|Greece

>Spike|hCoV-19/Australia/NSW375/2020|2020-03-08|EPI_ISL_451635|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/20139029404/2020|2020-03-26|EPI_ISL_421911|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC6399/2020|2020-07-24|EPI_ISL_521191|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A70414/2020|2020-10-15|EPI_ISL_607641|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3920/2020|2020-09-28|EPI_ISL_635123|Original|hCoV-19^^Agder|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Wales/PHWC-486AF1/2020|2020-10-26|EPI_ISL_639110|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/HI-CDC-2-3714066/2020|2020-11-20|EPI_ISL_751767|Original|hCoV-19^^Hawaii|Human|HI Dept. of Health|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/EXET-13AC80/2020|2020-11-11|EPI_ISL_665092|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4033/2020|2020-10-03|EPI_ISL_636393|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/MI-UM-10036684769/2020|2020-10-29|EPI_ISL_682089|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/SHEF-CA318/2020|2020-11-10|EPI_ISL_680165|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC9274/2020|2020-08-15|EPI_ISL_565478|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-1481/2020|2020-04-27|EPI_ISL_542743|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204881279/2020|2020-11-00|EPI_ISL_678806|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B9616B/2020|2020-11-14|EPI_ISL_676033|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ecuador/36192/2020|2020-05-08|EPI_ISL_491947|Original|hCoV-19^^Manabi|Human|Instituto Nacional de Investigaci\u00f3n en Salud P\u00fablica - INSPI|INSPI - Charit\u00e9|Bruno Caicedo|Ecuador

>Spike|hCoV-19/USA/AR-CDC-4212/2020|2020-07-11|EPI_ISL_527634|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-16264/2020|2020-10-30|EPI_ISL_785948|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-4C1D1F/2020|2020-06-06|EPI_ISL_559125|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-E2267/2020|2020-04-29|EPI_ISL_527487|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/India/TG-CDFD-C946/2020|2020-05-26|EPI_ISL_528604|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/20126103604/2020|2020-03-18|EPI_ISL_423913|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8545/2020|2020-07-01|EPI_ISL_780459|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/VC-FISABIO-150/2020|2020-03-19|EPI_ISL_436245|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Universitario Doctor Peset|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Wales/PHWC-49352D/2020|2020-11-28|EPI_ISL_725901|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9F2527/2020|2020-09-25|EPI_ISL_589147|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A26A0/2020|2020-12-15|EPI_ISL_743926|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC1D5/2020|2020-04-28|EPI_ISL_444382|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-BA2788/2020|2020-11-18|EPI_ISL_719959|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200205/2020|2020-08-11|EPI_ISL_752764|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-13315/2020|2020-11-30|EPI_ISL_712724|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Chile/RM-157813/2020|2020-08-22|EPI_ISL_746684|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Scotland/EDB848/2020|2020-04-04|EPI_ISL_433255|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC3315/2020|2020-07-09|EPI_ISL_520994|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-03468/2020|2020-05-11|EPI_ISL_575282|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-2009028/2020|2020-05-11|EPI_ISL_525333|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-19998/2020|2020-12-07|EPI_ISL_747565|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2718/2020|2020-07-11|EPI_ISL_522497|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/USA/WI-UW-888/2020|2020-07-14|EPI_ISL_509890|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-IGI-0130/2020|2020-06-18|EPI_ISL_495152|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/Wales/MILK-970E35/2020|2020-08-18|EPI_ISL_553105|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7144/2020|2020-10-12|EPI_ISL_619164|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-CADCE7/2020|2020-12-20|EPI_ISL_761007|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-296F5B/2020|2020-04-22|EPI_ISL_499784|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/MILK-99E3AB/2020|2020-08-31|EPI_ISL_550550|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAF081/2020|2020-10-20|EPI_ISL_721542|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4861/2020|2020-09-17|EPI_ISL_650850|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/LEED-2A975D/2020|2020-04-08|EPI_ISL_538748|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EAA50/2020|2020-09-24|EPI_ISL_580164|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15679/2020|2020-07-09|EPI_ISL_785363|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/SO-ETHZ-300412/2020|2020-09-29|EPI_ISL_603374|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B07B0D/2020|2020-10-29|EPI_ISL_643334|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4380/2020|2020-09-14|EPI_ISL_615378|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW621/2020|2020-05-31|EPI_ISL_490030|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Canada/BC_21127214/2020|2020-03-00|EPI_ISL_462792|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/WA-UW92/2020|2020-03-11|EPI_ISL_416448|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-A85BDB/2020|2020-10-17|EPI_ISL_610530|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7FDC9/2020|2020-04-20|EPI_ISL_444415|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-1BC6D3/2020|2020-11-30|EPI_ISL_764285|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-247E3/2020|2020-03-00|EPI_ISL_432326|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Gibraltar/205121247/2020|2020-00-00|EPI_ISL_766369|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/WA-S2539/2020|2020-06-17|EPI_ISL_497171|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-5654/2020|2020-09-28|EPI_ISL_619941|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9626B6/2020|2020-08-10|EPI_ISL_531619|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-99707/2020|2020-04-09|EPI_ISL_439751|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20490/2020|2020-12-21|EPI_ISL_759181|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9953E0/2020|2020-08-24|EPI_ISL_552396|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20122087702/2020|2020-03-15|EPI_ISL_418677|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-C5702/2020|2020-03-18|EPI_ISL_479214|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Austria/CeMM0281/2020|2020-03-25|EPI_ISL_438108|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/QEUA-7E25C2/2020|2020-07-18|EPI_ISL_532846|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-223041/2020|2020-12-20|EPI_ISL_741557|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok_2848/2020|2020-03-00|EPI_ISL_515472|Vero P2|hCoV-19^^Bangkok|Human|National Institute of Health|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/USA/MI-MDHHS-SC22650/2020|2020-11-16|EPI_ISL_737264|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-B52DB2/2020|2020-11-09|EPI_ISL_657431|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002854/2020|2020-08-29|EPI_ISL_602670|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/NOTT-10F325/2020|2020-04-01|EPI_ISL_432991|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-BB512A/2020|2020-11-21|EPI_ISL_701945|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-005941/2020|2020-04-03|EPI_ISL_500376|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-C62194/2020|2020-12-13|EPI_ISL_735630|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8503/2020|2020-07-01|EPI_ISL_780596|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2D5D47/2020|2020-10-26|EPI_ISL_628321|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-97CC8A/2020|2020-07-17|EPI_ISL_526311|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/India/DL-NCDC4590-CSIR-IGIB/2020|2020-05-23|EPI_ISL_482595|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Jordan/AM-ALSR-5159/2020|2020-10-18|EPI_ISL_730398|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/LEED-2A8132/2020|2020-04-03|EPI_ISL_539063|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/GA-ISCI-202077/2020|2020-03-11|EPI_ISL_539566|Original|hCoV-19^^Galicia|Human|Xerencia de Xesti\u00f3n Integrada de Pontevedra e o Saln\u00e9s|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/QEUA-BE4061/2020|2020-11-30|EPI_ISL_709834|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-872/2020|2020-03-21|EPI_ISL_582349|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/NORT-2866C2/2020|2020-10-09|EPI_ISL_638566|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/BRIS-1326F3/2020|2020-06-11|EPI_ISL_511962|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E77CE/2020|2020-05-06|EPI_ISL_449071|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8736/2020|2020-07-01|EPI_ISL_780725|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/20A21S5/2020|2020-04-20|EPI_ISL_481596|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Spain/PV-IBV-000958/2020|2020-03-28|EPI_ISL_452617|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/LIVE-AA5BE/2020|2020-03-24|EPI_ISL_517470|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_109/2020|2020-04-14|EPI_ISL_460790|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Germany/NW-HHU-419/2020|2020-11-11|EPI_ISL_718093|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/CA-CZB-10967/2020|2020-09-16|EPI_ISL_582943|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-A95CF3/2020|2020-10-20|EPI_ISL_624744|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-UW329/2020|2020-03-13|EPI_ISL_418896|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Belgium/ULG-10313/2020|2020-07-27|EPI_ISL_540480|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/MA-Yale-442/2020|2020-04-14|EPI_ISL_738254|Original|hCoV-19^^Massachusetts|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/CA-CZB-14201/2020|2020-11-09|EPI_ISL_739108|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-799/2020|2020-04-16|EPI_ISL_545770|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9B63E9/2020|2020-08-28|EPI_ISL_573003|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/OXON-AD31B/2020|2020-00-00|EPI_ISL_448575|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC3553/2020|2020-07-09|EPI_ISL_520302|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-0295/2020|2020-04-27|EPI_ISL_463098|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Czech Republic/NRL_9885/2020|2020-10-11|EPI_ISL_626615|Original|hCoV-19^^Central Bohemian Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/MILK-832D60/2020|2020-07-16|EPI_ISL_557268|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AEC3/2020|2020-05-06|EPI_ISL_448070|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D5C3/2020|2020-12-10|EPI_ISL_730773|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94DD43/2020|2020-06-20|EPI_ISL_555561|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C6491/2020|2020-05-11|EPI_ISL_462024|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15181/2020|2020-10-19|EPI_ISL_786665|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA1B8E/2020|2020-10-22|EPI_ISL_630916|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB4267/2020|2020-04-22|EPI_ISL_487839|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-AD5D6D/2020|2020-10-26|EPI_ISL_633749|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5620/2020|2020-11-02|EPI_ISL_651870|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Finland/26LS5CD2/2020|2020-10-26|EPI_ISL_759938|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Canada/NS-NML-1351/2020|2020-04-13|EPI_ISL_579728|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/QEUI-B42623/2020|2020-11-08|EPI_ISL_657067|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2008161331/2020|2020-08-16|EPI_ISL_710217|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/WI-GMF-20442/2020|2020-09-15|EPI_ISL_547868|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/India/GJ-GBRC295/2020|2020-06-15|EPI_ISL_495035|Original|hCoV-19^^Gujarat|Human|GMERS Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Denmark/DCGC-21631/2020|2020-12-21|EPI_ISL_758275|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B8C502/2020|2020-11-13|EPI_ISL_674453|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0464/2020|2020-06-21|EPI_ISL_541995|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Norway/6242/2020|2020-11-23|EPI_ISL_775360|Original|hCoV-19^^Viken|Human|Unilabs Laboratory Medicine|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/CAMC-B084E3/2020|2020-10-30|EPI_ISL_643579|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACCC99/2020|2020-10-21|EPI_ISL_630107|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-ISCI-201488/2020|2020-03-04|EPI_ISL_455315|Original|hCoV-19^^Andalucia|Human|Hospital Virgen de las Nieves|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Australia/VIC6139/2020|2020-07-22|EPI_ISL_518150|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-3849/2020|2020-03-26|EPI_ISL_486094|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-48E0D9/2020|2020-11-09|EPI_ISL_680806|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Austria/CeMM0041/2020|2020-03-05|EPI_ISL_437929|Original|hCoV-19^^Ischgl|Human|Institut für Virologie am Department für Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Wales/PHWC-298DC/2020|2020-04-02|EPI_ISL_474233|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18798/2020|2020-12-07|EPI_ISL_748561|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A3E685/2020|2020-10-04|EPI_ISL_609717|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Shaoxing/01/2020|2020-01-27|EPI_ISL_463889|Original|hCoV-19^^Zhejiang|Human|Shaoxing Center for Disease Control and Prevention|Department of Pathology and Laboratory Medicine|Yang|China

>Spike|hCoV-19/Wales/PHWC-4932EA/2020|2020-11-29|EPI_ISL_725866|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08486/2020|2020-05-19|EPI_ISL_524255|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-CB3A7B/2020|2020-12-18|EPI_ISL_761837|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B2A9/2020|2020-11-06|EPI_ISL_666216|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_44/2020|2020-04-06|EPI_ISL_461032|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-2041/2020|2020-11-12|EPI_ISL_766679|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/NOTT-10E5B7/2020|2020-03-26|EPI_ISL_425566|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-S2033/2020|2020-06-06|EPI_ISL_497461|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Singapore/1272/2020|2020-05-05|EPI_ISL_648756|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-9D9BF7/2020|2020-09-18|EPI_ISL_576802|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1530/2020|2020-04-03|EPI_ISL_542777|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AN-IBV-002972/2020|2020-03-31|EPI_ISL_474884|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-BC0A6D/2020|2020-11-22|EPI_ISL_705016|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SH-ETHZ-410532/2020|2020-11-26|EPI_ISL_737774|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-A82EF3/2020|2020-10-12|EPI_ISL_610899|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC378/2020|2020-03-22|EPI_ISL_426685|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Italy/TUS-UOS-23/2020|2020-03-29|EPI_ISL_591340|Original|hCoV-19^^Tuscany|Human|Dipartimento di Biotecnologie Mediche|Dipartimento di Biotecnologie Mediche|Cusi|Italy

>Spike|hCoV-19/Germany/NW-HHU-353/2020|2020-09-10|EPI_ISL_666640|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/MI-MDHHS-SC22111/2020|2020-10-14|EPI_ISL_614162|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/India/TG-CDFD-N5427/2020|2020-06-01|EPI_ISL_528630|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/QEUH-A8C5C7/2020|2020-10-18|EPI_ISL_643272|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B3F94E/2020|2020-11-08|EPI_ISL_658414|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/AMZ-UPCH-0260/2020|2020-09-17|EPI_ISL_729906|Original|hCoV-19^^Amazonas|Human|Instituto de Medicina Tropical|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Denmark/DCGC-5203/2020|2020-09-21|EPI_ISL_621741|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20CV0080/2020|2020-08-15|EPI_ISL_547986|Original|hCoV-19^^Combined Auckland|Human|LabTests|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/WA-S1381/2020|2020-05-19|EPI_ISL_495831|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-1B2C62/2020|2020-05-18|EPI_ISL_477788|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/France/IDF-2534/2020|2020-03-14|EPI_ISL_418234|Original|hCoV-19^^\u00cele-de-France|Human|LABM GH nord Essonne|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/QEUH-B2EDEC/2020|2020-11-03|EPI_ISL_659847|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-49CD2C/2020|2020-06-14|EPI_ISL_559547|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-287755/2020|2020-11-06|EPI_ISL_724989|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/CAMC-B20825/2020|2020-11-01|EPI_ISL_647486|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2020/2020|2020-06-03|EPI_ISL_480662|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC11024/2020|2020-00-00|EPI_ISL_563207|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-BB155F/2020|2020-11-17|EPI_ISL_720072|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Philippines/PH-RITM-0017/2020|2020-03-04|EPI_ISL_491472|Original|hCoV-19^^NCR|Human|Cardinal Santos Medical Center|Research Institute for Tropical Medicine|Polotan|Philippines

>Spike|hCoV-19/Scotland/CVR251/2020|2020-03-19|EPI_ISL_438919|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-BAB2AC/2020|2020-11-18|EPI_ISL_681506|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-160-0067/2020|2020-03-16|EPI_ISL_574800|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/Denmark/DCGC-10493/2020|2020-11-02|EPI_ISL_670014|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A9ECAF/2020|2020-10-20|EPI_ISL_611477|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B62D0A/2020|2020-11-08|EPI_ISL_655426|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1401/2020|2020-04-30|EPI_ISL_542699|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_CPH_isl_438_BGD/2020|2020-04-29|EPI_ISL_774885|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/QEUA-9CFFE9/2020|2020-09-14|EPI_ISL_589824|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A840E/2020|2020-03-26|EPI_ISL_517160|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NORT-1B61861/2020|2020-11-10|EPI_ISL_703005|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-8D40C1/2020|2020-06-24|EPI_ISL_557120|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CC6D1/2020|2020-04-10|EPI_ISL_442413|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1923/2020|2020-04-03|EPI_ISL_579165|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Trinidad/TT7923/2020|2020-09-14|EPI_ISL_717700|Original|hCoV-19^^Trinidad|Human|Trinidad Public Health Laboratory|Carrington Lab|Sahadeo|Trinidad

>Spike|hCoV-19/USA/UT-02424/2020|2020-04-21|EPI_ISL_470674|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMB-1B7571/2020|2020-10-21|EPI_ISL_637410|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC5738/2020|2020-07-18|EPI_ISL_518539|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Gambia/GC19-3816/2020|2020-07-27|EPI_ISL_561089|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Singapore/1076/2020|2020-10-05|EPI_ISL_596466|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/WA-S2222/2020|2020-06-08|EPI_ISL_497650|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Guangzhou/GZMU0078/2020|2020-02-11|EPI_ISL_457690|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spike|hCoV-19/Northern Ireland/NIRE-1022DA/2020|2020-03-23|EPI_ISL_441399|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10178/2020|2020-11-09|EPI_ISL_669441|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036454848/2020|2020-10-15|EPI_ISL_628852|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1121/2020|2020-12-09|EPI_ISL_763200|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-9DE12D/2020|2020-09-21|EPI_ISL_599505|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0741/2020|2020-07-02|EPI_ISL_526862|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CA-ALSR-2061/2020|2020-04-22|EPI_ISL_635326|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/VB-ETHZ-100024/2020|2020-03-10|EPI_ISL_466948|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-A9F53A/2020|2020-10-20|EPI_ISL_611448|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3108/2020|2020-08-05|EPI_ISL_549131|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/MILK-9A7FD8/2020|2020-09-02|EPI_ISL_572590|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16810/2020|2020-12-14|EPI_ISL_750386|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-8117D/2020|2020-04-20|EPI_ISL_438574|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB3B4/2020|2020-09-17|EPI_ISL_575731|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-CA6F03/2020|2020-12-18|EPI_ISL_761654|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB7A1F/2020|2020-10-21|EPI_ISL_623692|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13694/2020|2020-08-20|EPI_ISL_788790|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Austria/CeMM0499/2020|2020-03-26|EPI_ISL_583587|Original|hCoV-19^^Austria|Human|Institute for Medical and Chemical Laboratory Diagnostics|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/CAMB-1ADE19/2020|2020-04-25|EPI_ISL_459412|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D8CC8/2020|2020-09-18|EPI_ISL_576661|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4283/2020|2020-10-06|EPI_ISL_648935|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Brazil/SP-12/2020|2020-03-04|EPI_ISL_416034|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Israelita Albert Einstein|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/Scotland/EDB1118/2020|2020-04-06|EPI_ISL_433406|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15383/2020|2020-11-23|EPI_ISL_713793|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/VOR-RII-MH2792S/2020|2020-09-26|EPI_ISL_602454|Original|hCoV-19^^Voronezh|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Spain/VC-IBV-98003578/2020|2020-03-30|EPI_ISL_537992|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-C0734/2020|2020-03-26|EPI_ISL_420242|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC8942/2020|2020-07-28|EPI_ISL_565296|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4A0790/2020|2020-12-08|EPI_ISL_743491|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Austria/CeMM0359/2020|2020-04-02|EPI_ISL_438122|Vero P2|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/204590751/2020|2020-11-05|EPI_ISL_700661|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-8782/2020|2020-08-00|EPI_ISL_686373|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-10394/2020|2020-11-02|EPI_ISL_669940|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Jordan/AM-ALSR-4038/2020|2020-10-03|EPI_ISL_636398|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Australia/VIC3464/2020|2020-07-06|EPI_ISL_521127|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_18974/2020|2020-06-27|EPI_ISL_775002|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Gibraltar/205121217/2020|2020-00-00|EPI_ISL_766343|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0659/2020|2020-10-22|EPI_ISL_700581|Original|hCoV-19^^Western Cape|Human|Conville CDC wc CVC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Japan/PG-7346/2020|2020-08-00|EPI_ISL_688449|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG410477/2020|2020-06-24|EPI_ISL_694964|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/CA-CZB-13670/2020|2020-11-04|EPI_ISL_738628|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/OXON-AF953/2020|2020-04-15|EPI_ISL_478787|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B706/2020|2020-11-09|EPI_ISL_655312|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_18/2020|2020-04-08|EPI_ISL_460654|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-165457/2020|2020-06-10|EPI_ISL_479466|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1492/2020|2020-03-21|EPI_ISL_518885|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MA-MASPHL-00930/2020|2020-05-30|EPI_ISL_692824|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/CAMB-7F46A/2020|2020-04-08|EPI_ISL_442990|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/NSW1082/2020|2020-08-15|EPI_ISL_593678|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Colombia/ATL-INS-06/2020|2020-06-26|EPI_ISL_653757|Original|hCoV-19^^Atlantico|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/England/BRIS-12EB28/2020|2020-04-24|EPI_ISL_488294|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A0BDC8/2020|2020-09-30|EPI_ISL_599153|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr237525/2020|2020-12-22|EPI_ISL_770517|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Japan/PG-2289/2020|2020-04-00|EPI_ISL_685894|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-13950/2020|2020-11-30|EPI_ISL_711471|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-AAE1D/2020|2020-07-28|EPI_ISL_540619|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/NSW2198/2020|2020-03-20|EPI_ISL_500659|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/ALDP-BB9997/2020|2020-11-20|EPI_ISL_702730|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BA17A/2020|2020-11-10|EPI_ISL_664972|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD6D7/2020|2020-09-16|EPI_ISL_566160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Utrecht_1363628/2020|2020-03-01|EPI_ISL_413589|Original|hCoV-19^^Utrecht|Human|MHC Utrecht|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Luxembourg/LNS8615469/2020|2020-11-16|EPI_ISL_744776|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Austria/CeMM0505/2020|2020-03-22|EPI_ISL_583592|Original|hCoV-19^^Austria|Human|Institute for Medical and Chemical Laboratory Diagnostics|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/CAMC-B09066/2020|2020-10-29|EPI_ISL_673233|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/BRE-8930/2020|2020-07-24|EPI_ISL_560598|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Scotland/CVR4340/2020|2020-09-10|EPI_ISL_572585|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC7700/2020|2020-08-01|EPI_ISL_564589|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-27BE4/2020|2020-03-31|EPI_ISL_431910|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD5592/2020|2020-10-26|EPI_ISL_633879|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-410190/2020|2020-12-13|EPI_ISL_737902|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/ON-PHL-20-03640/2020|2020-11-00|EPI_ISL_775144|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-6AF340/2020|2020-07-01|EPI_ISL_557752|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-4346/2020|2020-10-31|EPI_ISL_667536|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Thailand/Bangkok-CONI-0296/2020|2020-03-15|EPI_ISL_693369|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/ALDP-9D8DF2/2020|2020-09-18|EPI_ISL_576674|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NORW-EAE02/2020|2020-04-30|EPI_ISL_457380|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/WA-S2217/2020|2020-06-08|EPI_ISL_497645|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-6733/2020|2020-04-20|EPI_ISL_622383|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1972/2020|2020-11-24|EPI_ISL_755686|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CA-CZB-10149/2020|2020-06-04|EPI_ISL_672232|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LOND-124F659/2020|2020-03-20|EPI_ISL_665162|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/France/PAC-MEPHI-2341/2020|2020-10-08|EPI_ISL_644541|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-A5108E/2020|2020-10-07|EPI_ISL_597820|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2697/2020|2020-07-14|EPI_ISL_635636|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MA-MGH-01495/2020|2020-05-07|EPI_ISL_791958|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Denmark/DCGC-21502/2020|2020-12-21|EPI_ISL_757865|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/UT-EMC-93/2020|2020-09-10|EPI_ISL_632497|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Ecuador/20640/2020|2020-05-02|EPI_ISL_490201|Original|hCoV-19^^Guayaquil|Human|National Influenza Centre of INSPI-Ecuador|INSPI - Charit\u00e9|Bruno Caicedo|Ecuador

>Spike|hCoV-19/Scotland/CVR5906/2020|2020-11-17|EPI_ISL_705664|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC7207/2020|2020-07-13|EPI_ISL_564282|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/PV-IBV-001610/2020|2020-03-12|EPI_ISL_467158|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-25A8F/2020|2020-03-23|EPI_ISL_422255|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0803/2020|2020-05-08|EPI_ISL_514149|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-16541/2020|2020-11-16|EPI_ISL_714826|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A44FF/2020|2020-12-16|EPI_ISL_764702|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8610/2020|2020-07-01|EPI_ISL_780649|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B837C9/2020|2020-11-14|EPI_ISL_675220|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2550/2020|2020-12-29|EPI_ISL_779379|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/BRIS-12BD25/2020|2020-05-16|EPI_ISL_469367|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C4096/2020|2020-09-10|EPI_ISL_566964|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A66D07/2020|2020-10-12|EPI_ISL_630428|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BA75A/2020|2020-11-16|EPI_ISL_664588|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4768/2020|2020-06-22|EPI_ISL_544318|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/PA-MGEL104/2020|2020-03-31|EPI_ISL_454383|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/India/OR-ILSCV30167/2020|2020-05-23|EPI_ISL_481142|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/NY-NYUMC383/2020|2020-04-10|EPI_ISL_430410|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22373/2020|2020-11-12|EPI_ISL_708353|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Scotland/QEUH-9DACA8/2020|2020-09-22|EPI_ISL_601147|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9AE302/2020|2020-09-03|EPI_ISL_637634|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-99CC84/2020|2020-08-30|EPI_ISL_549920|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-9650D3/2020|2020-08-13|EPI_ISL_536868|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B48089/2020|2020-11-07|EPI_ISL_649420|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CC25D2/2020|2020-12-20|EPI_ISL_778098|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB7851/2020|2020-09-22|EPI_ISL_572839|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0475/2020|2020-10-22|EPI_ISL_622768|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/CA-ALSR-2344/2020|2020-07-09|EPI_ISL_635438|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-168F53/2020|2020-06-27|EPI_ISL_499371|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-AF9DB/2020|2020-04-14|EPI_ISL_478792|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2071/2020|2020-05-18|EPI_ISL_618028|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Oman/RESP-20-B-15349/2020|2020-05-21|EPI_ISL_525426|Original|hCoV-19^^Muscat|Human|Oman-National Influenza Center|Biotechnology & OMICS Laboratory|Al Mahruqi|Oman

>Spike|hCoV-19/Japan/PG-1630/2020|2020-04-00|EPI_ISL_685236|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204681084/2020|2020-11-13|EPI_ISL_686583|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/ID-UW-1957/2020|2020-03-20|EPI_ISL_424315|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-8514/2020|2020-10-26|EPI_ISL_625926|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-AC8134/2020|2020-10-21|EPI_ISL_634261|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4457/2020|2020-08-31|EPI_ISL_615642|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-495242/2020|2020-11-22|EPI_ISL_726316|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2128/2020|2020-05-00|EPI_ISL_685733|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A7CDC2/2020|2020-10-13|EPI_ISL_606554|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11287/2020|2020-06-19|EPI_ISL_570388|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-CE39C/2020|2020-05-27|EPI_ISL_535085|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3896/2020|2020-09-07|EPI_ISL_615615|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/reg-0918996/2020|2020-09-18|EPI_ISL_735000|Original|hCoV-19^^Sint-Pieters-Woluwe|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/20136097804/2020|2020-03-25|EPI_ISL_420656|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/WSFT-25C1A11/2020|2020-05-13|EPI_ISL_488861|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-1368EA/2020|2020-04-26|EPI_ISL_457239|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-860D78/2020|2020-07-16|EPI_ISL_557353|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A47BE/2020|2020-03-10|EPI_ISL_500043|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-95896F/2020|2020-06-15|EPI_ISL_554706|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM35178516/2020|2020-11-30|EPI_ISL_753522|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Aruba/AW-RIVM-10114/2020|2020-03-18|EPI_ISL_547447|Original|hCoV-19^^Aruba|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Aruba

>Spike|hCoV-19/Denmark/DCGC-2983/2020|2020-08-24|EPI_ISL_616745|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR2648/2020|2020-00-00|EPI_ISL_579316|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/MI-QDX-926/2020|2020-03-22|EPI_ISL_571631|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Bahrain/341038022/2020|2020-11-16|EPI_ISL_682320|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/USA/WI-UW-2220/2020|2020-09-26|EPI_ISL_677623|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/France/BRE-IPP9995/2020|2020-11-02|EPI_ISL_718248|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/QEUEH-96DF47/2020|2020-08-17|EPI_ISL_530590|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00421/2020|2020-04-27|EPI_ISL_693130|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Poland/1157821/2020|2020-06-09|EPI_ISL_512303|Original|hCoV-19^^Pomorskie|Human|Hematology Laboratory|Department of Virology|Smura|Poland

>Spike|hCoV-19/Northern Ireland/MILK-9C71BE/2020|2020-09-08|EPI_ISL_573760|Original|hCoV-19^^Northern Ireland|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-SEARCH-5352/2020|2020-12-10|EPI_ISL_755167|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/WA-S2861/2020|2020-09-18|EPI_ISL_596392|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10612/2020|2020-07-08|EPI_ISL_789560|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Israel/CVL-164-ngs/2020|2020-12-27|EPI_ISL_776847|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Denmark/DCGC-7241/2020|2020-10-12|EPI_ISL_618928|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/SAP119/2020|2020-03-20|EPI_ISL_492109|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Canada/MB-NML-1180/2020|2020-07-28|EPI_ISL_582497|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/UT-08534/2020|2020-05-18|EPI_ISL_524295|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-B63932/2020|2020-11-08|EPI_ISL_656458|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C4AB6/2020|2020-09-10|EPI_ISL_549476|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488154/2020|2020-10-27|EPI_ISL_639357|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/CAMC-A80DF8/2020|2020-10-14|EPI_ISL_625295|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-282F61/2020|2020-03-28|EPI_ISL_488680|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B66FC4/2020|2020-11-11|EPI_ISL_662571|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-281388-01/2020|2020-10-20|EPI_ISL_734457|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WA-S2893/2020|2020-10-01|EPI_ISL_596424|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/VIC14285/2020|2020-09-02|EPI_ISL_592435|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC4330/2020|2020-07-13|EPI_ISL_519627|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AE5438/2020|2020-10-26|EPI_ISL_633179|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A20316/2020|2020-10-01|EPI_ISL_598914|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48E8D1/2020|2020-11-13|EPI_ISL_680928|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC336/2020|2020-03-20|EPI_ISL_426645|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/QEUEH-A02523/2020|2020-09-28|EPI_ISL_585260|Original|hCoV-19^^Northern Ireland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/PORT-2D1D5A/2020|2020-04-03|EPI_ISL_499275|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC16755/2020|2020-08-09|EPI_ISL_663570|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT0056/2020|2020-03-20|EPI_ISL_421459|Original|hCoV-19^^Portugal|Human|H Dr. Nelio Mendonca - Funchal|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/MI-UM-10036755231/2020|2020-11-03|EPI_ISL_682193|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-7766/2020|2020-04-00|EPI_ISL_686868|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-A5191/2020|2020-03-14|EPI_ISL_500110|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49FECC/2020|2020-12-11|EPI_ISL_743365|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1291/2020|2020-08-31|EPI_ISL_536663|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-912/2020|2020-11-03|EPI_ISL_722706|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B8873D/2020|2020-11-14|EPI_ISL_674325|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A2101E/2020|2020-10-01|EPI_ISL_587634|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/North Macedonia/2979/2020|2020-06-10|EPI_ISL_516419|Original|hCoV-19^^Skopje|Human|Center for public health - Skopje|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/USA/NY-Wadsworth-233903-01/2020|2020-10-01|EPI_ISL_754530|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-CSMC140/2020|2020-04-12|EPI_ISL_475619|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/ALDP-B62308/2020|2020-11-09|EPI_ISL_656353|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12EE89/2020|2020-04-22|EPI_ISL_488338|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1364/2020|2020-04-14|EPI_ISL_579740|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/QEUH-B9E85F/2020|2020-11-18|EPI_ISL_719910|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/328844/2020|2020-03-07|EPI_ISL_496613|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Wales/PHWC-32FEA/2020|2020-04-14|EPI_ISL_446722|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR5177/2020|2020-10-19|EPI_ISL_626972|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-B624D8/2020|2020-11-08|EPI_ISL_656656|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-000749/2020|2020-03-08|EPI_ISL_452739|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz,|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-1688C1/2020|2020-04-21|EPI_ISL_494301|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB75E/2020|2020-09-16|EPI_ISL_575688|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-CVD01345/2020|2020-04-29|EPI_ISL_586276|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/India/MH-ACTREC-249/2020|2020-07-07|EPI_ISL_699901|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Canada/NB_277/2020|2020-04-13|EPI_ISL_481758|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Grudeski|Canada

>Spike|hCoV-19/USA/NY-PV09342/2020|2020-03-24|EPI_ISL_450030|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Spain/VC-IBV-98004309/2020|2020-03-24|EPI_ISL_538647|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/FL-BPHL-2052/2020|2020-06-27|EPI_ISL_653205|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MD-MDH-0037/2020|2020-04-07|EPI_ISL_486916|Original|hCoV-19^^Maryland|Human|Maryland Department of Health|Maryland Department of Health|Keller|USA

>Spike|hCoV-19/Shandong/LY003-2/2020|2020-01-23|EPI_ISL_414936|Original|hCoV-19^^Shandong|Human|Shandong Provincial Center for Disease Control and Prevention|Beijing Institute of Microbiology and Epidemiology|Ma|China

>Spike|hCoV-19/USA/CA-CZB-3939/2020|2020-07-31|EPI_ISL_548531|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/BIRM-6AB6D/2020|2020-11-11|EPI_ISL_651651|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/ALDP-A7046F/2020|2020-10-15|EPI_ISL_607912|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AA158/2020|2020-08-10|EPI_ISL_539646|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/Canada/NS-NML-1205/2020|2020-04-02|EPI_ISL_579606|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/BIRM-60930/2020|2020-06-08|EPI_ISL_483906|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4927CE/2020|2020-11-30|EPI_ISL_725701|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B354A1/2020|2020-11-05|EPI_ISL_659593|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/rega-0915953/2020|2020-09-15|EPI_ISL_734943|Original|hCoV-19^^Everberg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/CAMC-9EC53F/2020|2020-09-24|EPI_ISL_580480|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B31E6B/2020|2020-11-04|EPI_ISL_646452|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-MN8/2020|2020-06-18|EPI_ISL_508422|Original|hCoV-19^^Delhi|Human|Maulana Azad Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/SHEF-C046A/2020|2020-03-27|EPI_ISL_420215|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Spain/VC-FISABIO-124/2020|2020-03-14|EPI_ISL_436219|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/USA/FL-BPHL-1287/2020|2020-08-28|EPI_ISL_541219|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/CA-CZB-6722/2020|2020-08-18|EPI_ISL_582983|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUH-9F4FAF/2020|2020-09-25|EPI_ISL_638646|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-570/2020|2020-04-06|EPI_ISL_546952|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-7EED6/2020|2020-04-07|EPI_ISL_442829|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036743651/2020|2020-11-02|EPI_ISL_682186|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-9CBDA7/2020|2020-09-16|EPI_ISL_575486|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000044/2020|2020-03-09|EPI_ISL_631538|Original|hCoV-19^^New York|Human|Maimonides Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/United Arab Emirates/0702/2020|2020-05-15|EPI_ISL_698853|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/CAMB-1AD5F6/2020|2020-04-25|EPI_ISL_489574|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47EFB1/2020|2020-10-10|EPI_ISL_612612|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20148001404/2020|2020-04-02|EPI_ISL_466048|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUH-96BDE5/2020|2020-08-14|EPI_ISL_531232|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1734/2020|2020-06-20|EPI_ISL_710391|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12352/2020|2020-09-25|EPI_ISL_790311|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS0493779/2020|2020-10-19|EPI_ISL_739790|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-A6C4FD/2020|2020-10-15|EPI_ISL_608328|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-AFCO-9320/2020|2020-06-23|EPI_ISL_721643|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/USA/CA-CZB-10818/2020|2020-07-08|EPI_ISL_583068|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Spain/MD-IBV-99008654/2020|2020-09-29|EPI_ISL_654217|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC16914/2020|2020-00-00|EPI_ISL_663638|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-0622/2020|2020-04-01|EPI_ISL_526835|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-488057/2020|2020-10-28|EPI_ISL_639342|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-272/2020|2020-09-24|EPI_ISL_631360|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/NY-NYUMC549/2020|2020-03-30|EPI_ISL_444666|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/LA-EVTL348/2020|2020-05-25|EPI_ISL_578754|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WA-S2670/2020|2020-06-22|EPI_ISL_497302|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-4077/2020|2020-06-17|EPI_ISL_543348|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-5015/2020|2020-08-00|EPI_ISL_690126|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16827/2020|2020-12-14|EPI_ISL_750589|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-10242/2020|2020-05-16|EPI_ISL_672270|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-AAF519/2020|2020-10-22|EPI_ISL_631080|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-94857D/2020|2020-07-18|EPI_ISL_556821|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NH_0008/2020|2020-03-02|EPI_ISL_420792|Original|hCoV-19^^New Hampshire|Human|NH Department of Health and Human Services Public Health Labs|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-DSHS-1059/2020|2020-06-15|EPI_ISL_628735|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-ALSR-3269/2020|2020-09-08|EPI_ISL_635944|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/New Zealand/20VR1795/2020|2020-03-22|EPI_ISL_579132|Original|hCoV-19^^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-B76E79/2020|2020-11-12|EPI_ISL_723822|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/AK-PHL448/2020|2020-06-08|EPI_ISL_560558|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/ALDP-B1B508/2020|2020-11-01|EPI_ISL_645580|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-MPP-7/2020|2020-05-25|EPI_ISL_487429|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00f6nter|Germany

>Spike|hCoV-19/Gambia/NPHL-2889/2020|2020-00-00|EPI_ISL_561301|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/CAMC-C98F5F/2020|2020-12-18|EPI_ISL_762189|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12FE88/2020|2020-04-10|EPI_ISL_492628|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13468/2020|2020-08-04|EPI_ISL_592247|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14838/2020|2020-10-12|EPI_ISL_786322|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG491475/2020|2020-06-17|EPI_ISL_695109|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-9F4E57/2020|2020-09-25|EPI_ISL_588278|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG305718/2020|2020-04-25|EPI_ISL_694255|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Spain/MD-IBV-99008718/2020|2020-10-16|EPI_ISL_654295|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-6C1DE0/2020|2020-07-01|EPI_ISL_557820|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9905A3/2020|2020-08-29|EPI_ISL_534445|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/10/2020|2020-03-18|EPI_ISL_418263|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Singapore/268/2020|2020-03-21|EPI_ISL_462386|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Japan/PG-0931/2020|2020-04-00|EPI_ISL_684541|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-BA359C/2020|2020-11-18|EPI_ISL_721099|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2257/2020|2020-06-09|EPI_ISL_497685|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B086B0/2020|2020-10-29|EPI_ISL_643720|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2307/2020|2020-05-14|EPI_ISL_545237|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9D7A56/2020|2020-09-17|EPI_ISL_576609|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47CD9B/2020|2020-10-08|EPI_ISL_586047|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-C30083/2020|2020-12-07|EPI_ISL_782939|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292647-01/2020|2020-12-07|EPI_ISL_767692|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/NY-QDX-1977/2020|2020-03-15|EPI_ISL_604277|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-CZB-11815/2020|2020-10-01|EPI_ISL_625654|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/AR-CDC-6567/2020|2020-07-10|EPI_ISL_527657|Original|hCoV-19^^Arkansas|Human|AR Dept. of Health-Public Health Lab|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/QEUA-96D448/2020|2020-08-19|EPI_ISL_534516|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG305990/2020|2020-04-30|EPI_ISL_694306|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Switzerland/NE-ETHZ-350463/2020|2020-11-03|EPI_ISL_729208|Original|hCoV-19^^Neuch\u00e2tel|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORT-2842FD/2020|2020-03-17|EPI_ISL_488744|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13F17D/2020|2020-00-00|EPI_ISL_763386|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2253/2020|2020-08-10|EPI_ISL_617433|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204591729/2020|2020-11-07|EPI_ISL_700609|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B20F20/2020|2020-11-02|EPI_ISL_647582|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2217/2020|2020-04-12|EPI_ISL_448161|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-C1601A/2020|2020-12-06|EPI_ISL_709392|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3835/2020|2020-08-31|EPI_ISL_622715|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AEF9C6/2020|2020-10-29|EPI_ISL_662755|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0802/2020|2020-04-00|EPI_ISL_684412|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/GJ-GBRC201b/2020|2020-06-08|EPI_ISL_469047|Original|hCoV-19^^Gujarat|Human|Dr. N. D. Desai Medical College & Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Germany/NW-HHU-78/2020|2020-03-07|EPI_ISL_523949|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/CAMC-B1FF33/2020|2020-11-01|EPI_ISL_647662|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B673B8/2020|2020-11-11|EPI_ISL_662250|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1039/2020|2020-03-30|EPI_ISL_582400|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/MA-MGH-00822/2020|2020-04-13|EPI_ISL_791779|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-9E9839/2020|2020-09-24|EPI_ISL_638292|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5181/2020|2020-06-23|EPI_ISL_544580|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204540373/2020|2020-11-03|EPI_ISL_686543|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-10D2963/2020|2020-12-16|EPI_ISL_727960|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-S664/2020|2020-04-22|EPI_ISL_438217|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-4497/2020|2020-09-07|EPI_ISL_615682|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1145/2020|2020-11-02|EPI_ISL_700554|Original|hCoV-19^^Western Cape|Human|Conville CDC wc CVC|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/20142131704/2020|2020-03-30|EPI_ISL_423471|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2744/2020|2020-06-27|EPI_ISL_582852|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/SHEF-C1D22/2020|2020-04-17|EPI_ISL_448836|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9510AD/2020|2020-06-13|EPI_ISL_554174|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-L34-CD879/2020|2020-04-23|EPI_ISL_722027|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Japan/PG-1807/2020|2020-04-00|EPI_ISL_685413|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-484B69/2020|2020-10-19|EPI_ISL_628083|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9F3E67/2020|2020-09-24|EPI_ISL_588693|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC4D8C/2020|2020-11-11|EPI_ISL_705916|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F1010031/2020|2020-10-17|EPI_ISL_708393|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/ALDP-BB5218/2020|2020-11-20|EPI_ISL_701907|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94B361/2020|2020-06-11|EPI_ISL_555822|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1856/2020|2020-04-08|EPI_ISL_433660|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC5047/2020|2020-07-18|EPI_ISL_519851|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MGH-01108/2020|2020-05-02|EPI_ISL_791876|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-9033S/2020|2020-06-17|EPI_ISL_569775|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18872/2020|2020-11-25|EPI_ISL_785187|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MGH-02800/2020|2020-09-24|EPI_ISL_765638|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/CVR4684/2020|2020-09-29|EPI_ISL_611867|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481382/2020|2020-09-25|EPI_ISL_613061|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16C9AC/2020|2020-09-24|EPI_ISL_574115|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-382/2020|2020-09-28|EPI_ISL_722836|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-A65324/2020|2020-10-11|EPI_ISL_608607|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001206/2020|2020-11-02|EPI_ISL_745442|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC5825/2020|2020-07-20|EPI_ISL_518619|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-4296/2020|2020-10-20|EPI_ISL_648948|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/FL-BPHL-0696/2020|2020-03-29|EPI_ISL_509754|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Austria/CeMM0620/2020|2020-04-03|EPI_ISL_475929|Original|hCoV-19^^Austria|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/VA-DCLS-1441/2020|2020-08-18|EPI_ISL_572308|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/UT-08597/2020|2020-05-07|EPI_ISL_524344|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CT-Yale-129/2020|2020-04-13|EPI_ISL_431092|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/WA-UW-9532/2020|2020-05-19|EPI_ISL_570259|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-6647/2020|2020-07-00|EPI_ISL_687759|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C05C1/2020|2020-03-21|EPI_ISL_420282|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GP-5155/2020|2020-04-21|EPI_ISL_700412|Original|hCoV-19^^Western Cape|Human|Heideveld CDC wc HVP|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Scotland/QEUH-9FB38E/2020|2020-09-29|EPI_ISL_600578|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B52EEC/2020|2020-11-09|EPI_ISL_657668|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-754/2020|2020-03-30|EPI_ISL_614877|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-AE241D/2020|2020-10-26|EPI_ISL_633443|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0552/2020|2020-05-29|EPI_ISL_508755|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/LA-EVTL467/2020|2020-06-23|EPI_ISL_578871|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-488233/2020|2020-10-29|EPI_ISL_639368|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-969C9F/2020|2020-08-12|EPI_ISL_530813|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D38D1/2020|2020-04-02|EPI_ISL_441004|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah253/2020|2020-03-28|EPI_ISL_437737|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/CAMC-B33AFC/2020|2020-11-05|EPI_ISL_659152|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OK-QDX-770/2020|2020-03-18|EPI_ISL_571553|Original|hCoV-19^^Oklahoma|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-4A2D9C/2020|2020-12-14|EPI_ISL_744015|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NA_521/2020|2020-03-29|EPI_ISL_460694|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Montenegro/ChVir-1796572002/2020|2020-07-17|EPI_ISL_516927|Original|hCoV-19^^Montenegro|Human|Department for Molecular Diagnostics|Charite\u0301 Universita\u0308tsmedizin Berlin|Muehlemann|Montenegro

>Spike|hCoV-19/South Africa/KRISP-0021/2020|2020-04-02|EPI_ISL_467435|Original|hCoV-19^^KwaZulu-Natal|Human|AMPATH-DBN|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Germany/HH-hpi-p1612/2020|2020-03-16|EPI_ISL_775928|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/BRIS-12CEB8/2020|2020-04-24|EPI_ISL_481772|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-978653/2020|2020-07-31|EPI_ISL_550475|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9BAEE4/2020|2020-09-09|EPI_ISL_573850|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-8BD240/2020|2020-06-27|EPI_ISL_556588|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-S22/2020|2020-04-21|EPI_ISL_455652|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/ID-UW-4266/2020|2020-03-30|EPI_ISL_427170|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC2871/2020|2020-07-04|EPI_ISL_521702|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-001314/2020|2020-11-10|EPI_ISL_683914|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/LIVE-A77CA/2020|2020-03-27|EPI_ISL_517071|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2008223165/2020|2020-08-22|EPI_ISL_710255|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/WA-S2723/2020|2020-07-03|EPI_ISL_525713|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/UT-UPHL-2012121783/2020|2020-08-11|EPI_ISL_745943|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-2012125874/2020|2020-10-22|EPI_ISL_746219|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18282/2020|2020-11-17|EPI_ISL_784630|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B8D352/2020|2020-11-13|EPI_ISL_674114|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_EK-91/2020|2020-07-10|EPI_ISL_774994|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Ukraine/203100360/2020|2020-04-24|EPI_ISL_512639|Original|hCoV-19^^Ukraine|Human|National Laboratory for Influenza/Virology reference laboratory|Respiratory Virus Unit|Platt|Ukraine

>Spike|hCoV-19/Peru/ANC-INS-045/2020|2020-04-11|EPI_ISL_516628|Original|hCoV-19^^Ancash|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Centro

Nacional de Salud Publica. Instituto Nacional de Salud Peru. | Laboratorio de Referencia Nacional de Biotecnología y Biología Molecular. Centro Nacional de Salud Publica. Instituto Nacional de Salud Peru. | Padilla Rojas | Peru

> Spike | hCoV-19/England/20179043704/2020 | 2020-04-24 | EPI_ISL_527347 | Original | hCoV-19^England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Ledesma | United Kingdom

> Spike | hCoV-19/England/20174003604/2020 | 2020-04-21 | EPI_ISL_465381 | Original | hCoV-19^England | Human | Respiratory Virus Unit | Respiratory Virus Unit | Platt | United Kingdom

> Spike | hCoV-19/USA/NV-NSPHL-A0163/2020 | 2020-05-15 | EPI_ISL_515425 | Original | hCoV-19^Nevada | Human | Nevada State Public Health Laboratory | Nevada State Public Health Laboratory | Sevinsky | USA

> Spike | hCoV-19/England/ALDP-9DA060/2020 | 2020-09-18 | EPI_ISL_576840 | Original | hCoV-19^England | Human | Oxford Viromics | COVID-19 Genomics UK (COG-UK) Consortium | Golubchik | United Kingdom

> Spike | hCoV-19/Wales/PHWC-16C371/2020 | 2020-09-20 | EPI_ISL_574046 | Original | hCoV-19^Wales | Human | Wales Specialist Virology Centre Sequencing lab | COVID-19 Genomics UK (COG-UK) Consortium | Moore | United Kingdom

> Spike | hCoV-19/South Korea/KCDC2008/2020 | 2020-02-05 | EPI_ISL_426171 | Original | hCoV-19^South Korea | Human | Division of Viral Diseases | Division of Viral Diseases | Kim | South Korea

> Spike | hCoV-19/Denmark/DCGC-11343/2020 | 2020-11-02 | EPI_ISL_670852 | Original | hCoV-19^Syddanmark | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark

> Spike | hCoV-19/USA/CA-ALSR-3402/2020 | 2020-07-07 | EPI_ISL_636005 | Original | hCoV-19^California | Human | San Diego County Public Health Laboratory | Andersen lab at Scripps Research | Gangavarapu | USA

> Spike | hCoV-19/England/QEUEH-C03EAD/2020 | 2020-12-04 | EPI_ISL_720889 | Original | hCoV-19^England | Human | Lighthouse Lab in Glasgow | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19/USA/AZ-TG306007/2020 | 2020-04-30 | EPI_ISL_694313 | Original | hCoV-19^Arizona | Human | AZ SPHL | TGen North | French | USA

> Spike | hCoV-19/USA/VA_NIDDL_3129/2020 | 2020-04-11 | EPI_ISL_491931 | Original | hCoV-19^Virginia | Human | Naval Infectious Diseases Diagnostic Laboratory | Naval Medical Research Center Biological Defense Research Directorate | Voegtly | USA

> Spike | hCoV-19/Switzerland/VD-ETHZ-350210/2020 | 2020-10-30 | EPI_ISL_693858 | Original | hCoV-19^Vaud | Human | Viollier AG | Department of Biosystems Science and Engineering | Nadeau | Switzerland

> Spike | hCoV-19/England/CAMB-7A57B/2020 | 2020-04-02 | EPI_ISL_441800 | Original | hCoV-19^England | Human | Department of Pathology | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium | Amato | United Kingdom

> Spike | hCoV-19/Austria/CeMM0299/2020 | 2020-03-27 | EPI_ISL_475775 | Original | hCoV-19^Vienna | Human | Center for Virology | Bergthaler laboratory | Bergthaler | Austria

> Spike | hCoV-19/USA/CA-CZB-11798/2020 | 2020-09-23 | EPI_ISL_625641 | Original | hCoV-19^California | Human | Orange County Public Health Lab | Chan-Zuckerberg Biohub | Bhatt | USA

> Spike | hCoV-19/Zimbabwe/ZW-29/2020 | 2020-03-01 | EPI_ISL_647978 | Original | hCoV-19^Zimbabwe | Human | National Microbiology Reference Laboratory | Quadram Institute Bioscience | Alikhan | Zimbabwe

> Spike | hCoV-19/Brazil/SP-L19-CD391/2020 | 2020-04-01 | EPI_ISL_476320 | Original | hCoV-19^S\u00e3o Paulo | Human | DB Diagn\u00f3sticos do Brasil | Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo | Sabino | Brazil

> Spike | hCoV-19/England/CAMC-CF5309/2020 | 2020-12-18 | EPI_ISL_781620 | Original | hCoV-19^England | Human | Lighthouse Lab in Cambridge | Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium | Davies | United Kingdom

> Spike | hCoV-19/USA/WI-GMF-19240/2020 | 2020-09-08 | EPI_ISL_547798 | Original | hCoV-19^Wisconsin | Human | Gundersen Molecular Diagnostics Laboratory | Kabara Cancer Research Institute | Kenny | USA

> Spike | hCoV-19/Denmark/DCGC-11736/2020 | 2020-10-26 | EPI_ISL_671104 | Original | hCoV-19^Hovedstaden | Human | Department of Virus and Microbiological Special Diagnostics | Albertsen Lab | Michaelsen | Denmark

>Spike|hCoV-19/England/NOTT-113E4B/2020|2020-10-01|EPI_ISL_577116|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Italy/UMB-IZSUM-48682-18/2020|2020-10-29|EPI_ISL_763073|Original|hCoV-19^^Umbria|Human|Istituto Zooprofilattico Sperimentale dell' Umbria e delle Marche - Togo Rosati|Istituto Superiore di Sanit\u00e0|De Sabato|Italy

>Spike|hCoV-19/Italy/SAR-AMVRC-28/2020|2020-04-12|EPI_ISL_458085|Original|hCoV-19^^Sardinia|Human|Laboratorio Biologia Molecolare Sars Cov2 - UOC Laboratorio Analisi - Servizio Medicina di Laboratorio|Laboratorio specialistico UOC Ematologia - Ospedale \San Francesco\ - ATS-ASSL Nuoro|Piras|Italy

>Spike|hCoV-19/Spain/MD-IBV-99008487/2020|2020-09-10|EPI_ISL_654033|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUEH-A0B9C4/2020|2020-10-01|EPI_ISL_599273|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290361-01/2020|2020-12-16|EPI_ISL_765544|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Brazil/RJ-1948/2020|2020-04-13|EPI_ISL_456095|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Netherlands/ZH-EMC-504/2020|2020-08-25|EPI_ISL_577933|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B7C63F/2020|2020-11-14|EPI_ISL_727807|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/IA-GMF-13403/2020|2020-08-01|EPI_ISL_547657|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/WI-UW-185/2020|2020-03-22|EPI_ISL_428281|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Spain/IB-IBV-99011561/2020|2020-12-14|EPI_ISL_779869|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/VIC4343/2020|2020-07-14|EPI_ISL_519639|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A50966/2020|2020-10-07|EPI_ISL_597869|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/433/2020|2020-03-20|EPI_ISL_424457|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Luxembourg/LNS0156004/2020|2020-10-20|EPI_ISL_739726|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUEH-9CFC00/2020|2020-09-15|EPI_ISL_589847|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-286325/2020|2020-10-01|EPI_ISL_637793|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1972/2020|2020-05-07|EPI_ISL_486244|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/Scotland/QEUH-B10AF5/2020|2020-11-02|EPI_ISL_649587|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0004/2020|2020-03-13|EPI_ISL_513417|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Australia/VIC8973/2020|2020-07-28|EPI_ISL_565324|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-MDH-1569/2020|2020-08-21|EPI_ISL_530165|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-4204/2020|2020-09-14|EPI_ISL_622097|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/AN-IBV-98001770/2020|2020-04-10|EPI_ISL_538147|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NORT-2A4AD1/2020|2020-09-15|EPI_ISL_573395|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96E66F/2020|2020-08-19|EPI_ISL_534471|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-INS-014/2020|2020-03-10|EPI_ISL_489990|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/USA/WA-S1882/2020|2020-05-28|EPI_ISL_496308|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-C48862/2020|2020-12-13|EPI_ISL_736518|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2343DB/2020|2020-10-15|EPI_ISL_680381|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Netherlands/NA_375/2020|2020-04-08|EPI_ISL_455178|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/EXET-136D54/2020|2020-04-23|EPI_ISL_471919|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/BRIS-125CD3/2020|2020-03-31|EPI_ISL_443791|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-51CD50/2020|2020-06-02|EPI_ISL_558977|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9C9969/2020|2020-09-10|EPI_ISL_567490|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B393BF/2020|2020-11-01|EPI_ISL_658898|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC792/2020|2020-03-27|EPI_ISL_456028|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Japan/PG-7774/2020|2020-06-00|EPI_ISL_686876|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B3B696/2020|2020-11-01|EPI_ISL_706076|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-6D0540/2020|2020-07-02|EPI_ISL_556142|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI352/2020|2020-03-23|EPI_ISL_429465|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Switzerland/BE-ETHZ-360023/2020|2020-11-10|EPI_ISL_693879|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Portugal/PT0851/2020|2020-03-27|EPI_ISL_511110|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-S2475/2020|2020-06-15|EPI_ISL_497107|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-4FA7A6/2020|2020-06-24|EPI_ISL_559172|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM1050/2020|2020-04-20|EPI_ISL_583867|Original|hCoV-19^^Austria|Human|Institute for Laboratory Diagnostics and Microbiology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-9ED228/2020|2020-05-08|EPI_ISL_589546|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/AST-RII-MH4465S/2020|2020-09-11|EPI_ISL_733203|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/France/ARA-SC154/2020|2020-03-10|EPI_ISL_634822|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|Laboratoire de virologie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-16AD0C/2020|2020-09-10|EPI_ISL_560187|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC149/2020|2020-04-01|EPI_ISL_424956|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/NOTT-11578A/2020|2020-10-14|EPI_ISL_595261|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1518/2020|2020-07-06|EPI_ISL_527583|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUH-AAB6A1/2020|2020-10-21|EPI_ISL_652805|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-95997D/2020|2020-06-05|EPI_ISL_554817|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09406/2020|2020-03-12|EPI_ISL_450086|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/CAMB-1B0138/2020|2020-05-11|EPI_ISL_452880|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/MILK-ACDF53/2020|2020-10-21|EPI_ISL_630239|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A85B44/2020|2020-10-17|EPI_ISL_610546|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/191/2020|2020-03-16|EPI_ISL_417762|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Brazil/SP-L17-CD329/2020|2020-03-27|EPI_ISL_476301|Original|hCoV-19^^S\u00e3o Paulo|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Denmark/DCGC-5985/2020|2020-09-21|EPI_ISL_621094|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A9FC08/2020|2020-10-20|EPI_ISL_665992|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/NSW1348/2020|2020-12-29|EPI_ISL_767914|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMB-A97A06/2020|2020-12-10|EPI_ISL_723945|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUA-95E5FC/2020|2020-08-06|EPI_ISL_532287|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC916/2020|2020-03-26|EPI_ISL_427151|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A50F64/2020|2020-10-07|EPI_ISL_597635|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9514B0/2020|2020-06-13|EPI_ISL_554140|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3349/2020|2020-08-31|EPI_ISL_616103|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/SH-ChVir20773/2020|2020-11-26|EPI_ISL_729464|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Scotland/CVR5031/2020|2020-10-09|EPI_ISL_594765|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-OHSU-0444/2020|2020-06-08|EPI_ISL_526087|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/20129016104/2020|2020-03-19|EPI_ISL_424001|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/OXON-B0272/2020|2020-04-19|EPI_ISL_478869|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-95CF4B/2020|2020-06-16|EPI_ISL_553504|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E758/2020|2020-10-05|EPI_ISL_587121|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC121/2020|2020-04-13|EPI_ISL_700385|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/ALDP-678A96/2020|2020-07-02|EPI_ISL_551807|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-23365/2020|2020-08-02|EPI_ISL_576433|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-13312/2020|2020-11-02|EPI_ISL_672436|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-17594/2020|2020-12-14|EPI_ISL_751093|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5318/2020|2020-07-19|EPI_ISL_520081|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-9563/2020|2020-04-16|EPI_ISL_672133|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-1322/2020|2020-04-26|EPI_ISL_542652|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9BA3B8/2020|2020-09-07|EPI_ISL_572936|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-C477C/2020|2020-10-05|EPI_ISL_596197|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A528EF/2020|2020-10-07|EPI_ISL_598048|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1733/2020|2020-04-00|EPI_ISL_685339|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9F515D/2020|2020-09-27|EPI_ISL_638658|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/SAP448/2020|2020-03-22|EPI_ISL_508139|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/CAMC-A66578/2020|2020-10-11|EPI_ISL_626676|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/BIRM-6A31A/2020|2020-11-09|EPI_ISL_679041|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-428b/2020|2020-07-15|EPI_ISL_586563|Original|hCoV-19^^Gujarat|Human|GMERS GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Iceland/295/2020|2020-03-18|EPI_ISL_417624|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Nigeria/OS-CV290/2020|2020-07-03|EPI_ISL_729970|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/New Zealand/20CV0375/2020|2020-09-29|EPI_ISL_579113|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Denmark/DCGC-2906/2020|2020-08-24|EPI_ISL_616540|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/PRI-RII-MH829S/2020|2020-08-07|EPI_ISL_733018|Original|hCoV-19^^Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-15331/2020|2020-11-23|EPI_ISL_713767|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4069/2020|2020-08-31|EPI_ISL_535160|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Netherlands/un-EMC-714/2020|2020-05-06|EPI_ISL_523469|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-16732/2020|2020-09-14|EPI_ISL_714929|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9CBE4A/2020|2020-09-16|EPI_ISL_575425|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B38D3A/2020|2020-11-01|EPI_ISL_658830|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15458/2020|2020-12-03|EPI_ISL_738880|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/NORW-EC5ED/2020|2020-05-09|EPI_ISL_457539|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8715972/2020|2020-11-17|EPI_ISL_744797|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-AA026C/2020|2020-10-20|EPI_ISL_611401|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5096/2020|2020-10-17|EPI_ISL_627372|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-9C270C/2020|2020-09-10|EPI_ISL_566484|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10826/2020|2020-07-13|EPI_ISL_583076|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WA-S920/2020|2020-04-25|EPI_ISL_463410|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Japan/PG-5730/2020|2020-07-00|EPI_ISL_688852|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9FDDCA/2020|2020-10-01|EPI_ISL_588057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20144052104/2020|2020-03-31|EPI_ISL_421953|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/TI-ETHZ-100085/2020|2020-03-13|EPI_ISL_451677|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-AA2886/2020|2020-10-22|EPI_ISL_624371|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2319/2020|2020-08-10|EPI_ISL_667181|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-67E7D5/2020|2020-07-02|EPI_ISL_551812|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EB916/2020|2020-09-23|EPI_ISL_584384|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A9522E/2020|2020-10-20|EPI_ISL_624594|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW335/2020|2020-04-08|EPI_ISL_451597|Original|hCoV-19^^New South Wales|Human|Medlab Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/UT-UPHL-2009222/2020|2020-05-13|EPI_ISL_525222|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR5111/2020|2020-10-18|EPI_ISL_626897|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDC2A/2020|2020-05-09|EPI_ISL_580690|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BFCD41/2020|2020-12-02|EPI_ISL_720800|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2854F/2020|2020-03-30|EPI_ISL_432018|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15874/2020|2020-07-10|EPI_ISL_785558|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MO-QDX-530/2020|2020-03-18|EPI_ISL_571382|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Scotland/CVR5036/2020|2020-10-09|EPI_ISL_594770|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC3199/2020|2020-07-05|EPI_ISL_520885|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-UM-10036116103/2020|2020-09-24|EPI_ISL_583420|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-9C3A20/2020|2020-09-07|EPI_ISL_566985|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1502/2020|2020-07-28|EPI_ISL_581571|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/MI-UM-10036833653/2020|2020-11-07|EPI_ISL_728470|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-2131/2020|2020-07-27|EPI_ISL_618394|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S1414/2020|2020-08-23|EPI_ISL_591185|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/ALDP-A2FE43/2020|2020-10-06|EPI_ISL_587189|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1116/2020|2020-07-28|EPI_ISL_516541|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/FL-BPHL-0744/2020|2020-06-19|EPI_ISL_512550|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/UT-UPHL-2012935315/2020|2020-06-19|EPI_ISL_746475|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/NORW-EE800/2020|2020-04-24|EPI_ISL_490556|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Belgium/VD-0318102/2020|2020-03-18|EPI_ISL_420358|Original|hCoV-19^^Honnelles|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-B959A0/2020|2020-11-13|EPI_ISL_675121|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC-370/2020|2020-06-18|EPI_ISL_524726|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/France/ARA-19570/2020|2020-04-03|EPI_ISL_508980|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/QEUH-9CEC3E/2020|2020-09-17|EPI_ISL_590139|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15163/2020|2020-11-23|EPI_ISL_738661|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A2F5E4/2020|2020-10-05|EPI_ISL_587269|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2CFD40/2020|2020-05-08|EPI_ISL_461991|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/DRC/5705/2020|2020-05-06|EPI_ISL_496494|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/India/GJ-GBRC-366a/2020|2020-06-18|EPI_ISL_524719|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/South Africa/KRISP-0131/2020|2020-05-13|EPI_ISL_467483|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUH-B2E010/2020|2020-11-04|EPI_ISL_660042|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC83B5/2020|2020-11-23|EPI_ISL_721234|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99C3F8/2020|2020-08-24|EPI_ISL_550723|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1707/2020|2020-07-23|EPI_ISL_526010|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Iceland/573/2020|2020-03-28|EPI_ISL_424593|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/AZ-TG456494/2020|2020-06-26|EPI_ISL_695044|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Switzerland/AG-ETHZ-380330/2020|2020-11-26|EPI_ISL_721731|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/United Arab Emirates/0210/2020|2020-05-18|EPI_ISL_698396|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/LIVE-A158A/2020|2020-06-11|EPI_ISL_490331|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/PORT-2E8E5D/2020|2020-00-00|EPI_ISL_763620|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8082/2020|2020-10-26|EPI_ISL_617195|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/MD-IBV-99009624/2020|2020-09-09|EPI_ISL_654365|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañ\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-DSHS-0129/2020|2020-06-11|EPI_ISL_522956|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Mexico/SON-INDRE_42/2020|2020-06-06|EPI_ISL_516623|Original|hCoV-19^^Sonora|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico

>Spike|hCoV-19/Australia/WA44/2020|2020-04-07|EPI_ISL_470861|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/USA/TX-HMH-7481/2020|2020-06-26|EPI_ISL_546792|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-C456B6/2020|2020-12-10|EPI_ISL_719425|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48CC5F/2020|2020-11-07|EPI_ISL_665557|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/DRC/11078/2020|2020-05-24|EPI_ISL_527514|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Poland/Pom7/2020|2020-04-26|EPI_ISL_451648|Original|hCoV-19^^Pomorze|Human|Hematology Laboratory|Laboratory of Recombinant Vaccines|Rabalski|Poland

>Spike|hCoV-19/Spain/CT-IBV-97009561/2020|2020-07-21|EPI_ISL_671858|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-31A26/2020|2020-04-10|EPI_ISL_446518|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Kazakhstan/26474/2020|2020-04-26|EPI_ISL_454505|Original|hCoV-19^^Nur-Sultan|Human|RSE \National Center for Biotechnology|RSE \National Center for Biotechnology|Kalendar|Kazakhstan

>Spike|hCoV-19/Wales/PHWC-4881CD/2020|2020-10-30|EPI_ISL_639363|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2DA05/2020|2020-10-06|EPI_ISL_586601|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0058/2020|2020-08-13|EPI_ISL_547972|Original|hCoV-19^^Combined Auckland|Human|LabTests|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/MILK-970DFC/2020|2020-08-18|EPI_ISL_553178|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-1064/2020|2020-07-26|EPI_ISL_516490|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-16E685/2020|2020-09-29|EPI_ISL_585751|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4285/2020|2020-07-13|EPI_ISL_519613|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-995939/2020|2020-08-23|EPI_ISL_551671|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B17EB/2020|2020-04-24|EPI_ISL_479046|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Portugal/PT1084/2020|2020-03-28|EPI_ISL_511631|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-49AC6D/2020|2020-06-04|EPI_ISL_559356|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B67E4E/2020|2020-11-11|EPI_ISL_661415|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4917/2020|2020-09-21|EPI_ISL_621455|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9DE5E5/2020|2020-09-21|EPI_ISL_581245|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC159b/2020|2020-05-27|EPI_ISL_461490|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/WI-UW-560/2020|2020-06-25|EPI_ISL_484935|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NC_200247/2020|2020-03-00|EPI_ISL_454804|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/England/QEUEH-AD2F6A/2020|2020-10-26|EPI_ISL_629825|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7BE51/2020|2020-04-05|EPI_ISL_470385|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-916DDA/2020|2020-06-22|EPI_ISL_553720|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A317CB/2020|2020-10-03|EPI_ISL_595912|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-9E9857/2020|2020-09-24|EPI_ISL_584255|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-953418/2020|2020-06-11|EPI_ISL_554364|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2675/2020|2020-06-20|EPI_ISL_522457|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/India/GJ-GBRC274/2020|2020-06-13|EPI_ISL_483874|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-99A62E/2020|2020-08-29|EPI_ISL_550375|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A947F3/2020|2020-10-19|EPI_ISL_611186|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW801/2020|2020-07-20|EPI_ISL_526143|Original|hCoV-19^^New South Wales|Human|Laverty Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-4322/2020|2020-06-18|EPI_ISL_543531|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/BY-MVP-0090/2020|2020-04-02|EPI_ISL_437284|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/USA/UT-UPHL-2009208/2020|2020-05-15|EPI_ISL_525208|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR1449/2020|2020-04-02|EPI_ISL_438816|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-491B0F/2020|2020-11-10|EPI_ISL_706742|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20118172004/2020|2020-03-13|EPI_ISL_464994|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Chile/RM-168269/2020|2020-09-03|EPI_ISL_746702|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Lithuania/C20-05-R4/2020|2020-05-21|EPI_ISL_560400|Original|hCoV-19^^Vilnius|Human|Vilnius University Hospital Santaros Klinikos|Institute of Biotechnology|Timinskas|Lithuania

>Spike|hCoV-19/Denmark/DCGC-15590/2020|2020-11-23|EPI_ISL_713911|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-CC596A/2020|2020-12-22|EPI_ISL_760260|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR978/2020|2020-03-28|EPI_ISL_439140|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-83FCC/2020|2020-04-25|EPI_ISL_438719|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/DRC/11145/2020|2020-05-24|EPI_ISL_527501|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/NY-PV09021/2020|2020-03-21|EPI_ISL_421596|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/WI-UW-2570/2021|2021-01-04|EPI_ISL_788912|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Switzerland/SO-ETHZ-410293/2020|2020-12-15|EPI_ISL_737475|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-B40027/2020|2020-11-08|EPI_ISL_657220|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010956/2020|2020-10-24|EPI_ISL_732785|Original|hCoV-19^^La_Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Northern Ireland/NIRE-106652/2020|2020-05-06|EPI_ISL_500988|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-115/2020|2020-08-25|EPI_ISL_539592|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/CAMC-B37278/2020|2020-11-05|EPI_ISL_645280|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020215096/2020|2020-07-16|EPI_ISL_510879|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Australia/VIC6685/2020|2020-07-20|EPI_ISL_521441|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/IA-GMF-18813/2020|2020-09-05|EPI_ISL_547786|Original|hCoV-19^^Iowa|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Netherlands/UT-EMC-151/2020|2020-11-15|EPI_ISL_722371|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Switzerland/GR-ETHZ-250135/2020|2020-08-16|EPI_ISL_535641|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/South Africa/KRISP-K002789/2020|2020-08-21|EPI_ISL_529783|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/NORT-29BE3B/2020|2020-06-15|EPI_ISL_507123|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/India/KA-nimh-4263/2020|2020-04-23|EPI_ISL_486395|Original|hCoV-19^^Karnataka|Human|BIMS|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/England/QEUH-B7EB5C/2020|2020-11-14|EPI_ISL_668075|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4846FF/2020|2020-10-24|EPI_ISL_628035|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0269/2020|2020-03-26|EPI_ISL_434898|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-32481/2020|2020-04-11|EPI_ISL_446650|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-AAAC55/2020|2020-10-21|EPI_ISL_652735|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-AA24CE/2020|2020-10-22|EPI_ISL_624006|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-725156/2020|2020-07-01|EPI_ISL_557597|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12638/2020|2020-07-31|EPI_ISL_640728|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-9F2D5C/2020|2020-09-25|EPI_ISL_600768|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48BAA1/2020|2020-10-28|EPI_ISL_666319|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7E85/2020|2020-10-13|EPI_ISL_638377|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-975A5A/2020|2020-08-20|EPI_ISL_552469|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Dominican Republic/ICGEB_UNIBE051/2020|2020-03-01|EPI_ISL_523811|Original|hCoV-19^^Dominican Republic|Human|Universidad Iberoamericana|International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform|Paulino-Ramirez|Dominican Republic

>Spike|hCoV-19/England/ALDP-B27439/2020|2020-11-04|EPI_ISL_646889|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3997/2020|2020-09-02|EPI_ISL_540794|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-975F6A/2020|2020-08-20|EPI_ISL_552789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0112/2020|2020-07-21|EPI_ISL_682252|Original|hCoV-19^^San Jose|Human|AREA DE SALUD ESCAZU (COOPESANA)|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/England/ALDP-9537D3/2020|2020-06-08|EPI_ISL_554371|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2659/2020|2020-05-07|EPI_ISL_522442|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/NSW218/2020|2020-03-11|EPI_ISL_427665|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-AA3BC8/2020|2020-10-22|EPI_ISL_624450|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CSMC28/2020|2020-03-25|EPI_ISL_475638|Original|hCoV-19^^California|Human|Cedars-Sinai Medical Center|Cedars-Sinai Medical Center|Zhang|USA

>Spike|hCoV-19/England/MILK-C3000B/2020|2020-12-07|EPI_ISL_783064|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1350/2020|2020-04-01|EPI_ISL_453007|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NOTT-112592/2020|2020-04-27|EPI_ISL_484397|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Iceland/444/2020|2020-03-20|EPI_ISL_424468|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/QEUA-9F9A6D/2020|2020-09-26|EPI_ISL_589192|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DBA4FD/2020|2020-11-11|EPI_ISL_703059|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4410/2020|2020-06-17|EPI_ISL_543599|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B7497A/2020|2020-11-12|EPI_ISL_662055|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9B3A50/2020|2020-09-08|EPI_ISL_560056|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/South Korea/BA-ACH_2604/2020|2020-02-27|EPI_ISL_420799|Original|hCoV-19^^South Korea|Human|Brian D. Allgood Army Community Hospital|Pathogen Discovery|Queen|South Korea

>Spike|hCoV-19/Luxembourg/LNS2593581/2020|2020-10-23|EPI_ISL_740149|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Senegal/6481/2020|2020-04-21|EPI_ISL_486871|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/Wales/PHWC-36238/2020|2020-04-29|EPI_ISL_474639|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DCA445/2020|2020-12-05|EPI_ISL_724362|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Japan/PG-5314/2020|2020-08-00|EPI_ISL_690417|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-1026/2020|2020-06-01|EPI_ISL_614486|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C9050A/2020|2020-12-12|EPI_ISL_777063|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0682941/2020|2020-11-03|EPI_ISL_739816|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MA-MASPHL-00150/2020|2020-04-03|EPI_ISL_791621|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-B74224/2020|2020-11-12|EPI_ISL_664248|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC4278/2020|2020-00-00|EPI_ISL_519606|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1B300B/2020|2020-05-22|EPI_ISL_456745|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/LIVE-9EEEF/2020|2020-04-09|EPI_ISL_453408|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-16058/2020|2020-11-29|EPI_ISL_739316|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/20129077404/2020|2020-03-21|EPI_ISL_424067|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Gambia/GC19-3630/2020|2020-07-27|EPI_ISL_561200|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Switzerland/TG-ETHZ-100239/2020|2020-03-18|EPI_ISL_574956|Original|hCoV-19^^Thurgau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-DSHS-0617/2020|2020-06-04|EPI_ISL_569727|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Austria/CeMM0013/2020|2020-03-11|EPI_ISL_419666|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/CAMB-1ABD87/2020|2020-04-21|EPI_ISL_470227|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20144000104/2020|2020-03-31|EPI_ISL_465971|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B09FA5/2020|2020-10-29|EPI_ISL_673012|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-952EA2/2020|2020-06-11|EPI_ISL_553682|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1734/2020|2020-06-01|EPI_ISL_496160|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9FDF1F/2020|2020-10-01|EPI_ISL_588024|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2409/2020|2020-04-00|EPI_ISL_686014|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-B46865/2020|2020-11-06|EPI_ISL_656125|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496AA3/2020|2020-11-23|EPI_ISL_726681|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12C7DB/2020|2020-05-12|EPI_ISL_469510|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A535/2020|2020-12-02|EPI_ISL_727560|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_05941876/2020|2020-04-00|EPI_ISL_466793|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/20119009304/2020|2020-03-13|EPI_ISL_465026|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/Limburg_49/2020|2020-04-07|EPI_ISL_461037|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-75385/2020|2020-03-18|EPI_ISL_440414|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9369/2020|2020-07-03|EPI_ISL_781082|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B1312A/2020|2020-11-02|EPI_ISL_642398|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SH-ETHZ-410085/2020|2020-12-17|EPI_ISL_737771|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/CVR5720/2020|2020-11-07|EPI_ISL_651933|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-4683/2020|2020-08-00|EPI_ISL_689820|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-3595/2020|2020-08-31|EPI_ISL_616238|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0295/2020|2020-03-27|EPI_ISL_438118|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-B5CD7C/2020|2020-11-10|EPI_ISL_678837|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/NORW-F503B/2020|2020-11-05|EPI_ISL_665343|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUA-9DE57C/2020|2020-09-21|EPI_ISL_589793|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-98008013/2020|2020-09-30|EPI_ISL_654422|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-65DB76/2020|2020-07-03|EPI_ISL_555691|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9FB218/2020|2020-09-29|EPI_ISL_600582|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-CDC-STM-P038/2020|2020-12-20|EPI_ISL_755614|Original|hCoV-19^^Florida|Human|Helix/Illumina|Genomics and Discovery|Cook|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00226167/2020|2020-03-17|EPI_ISL_535844|Original|hCoV-19^^Quebec|Human|Centre Hospitalier R\u00e9gional de Lanaudi\u00e8re|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/WY-WPHL-20161549/2020|2020-12-08|EPI_ISL_765970|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/CA-QDX-1168/2020|2020-03-29|EPI_ISL_571815|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-9DE55E/2020|2020-09-21|EPI_ISL_599662|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265DCD7/2020|2020-03-20|EPI_ISL_484093|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18548/2020|2020-11-19|EPI_ISL_784896|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Mexico/NLE-UANL-1281/2020|2020-04-28|EPI_ISL_648600|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio de Infectolog\u00eda\nServicio de

Infectolog\un00eda\nHospital Universitario Dr. Jos\un00e9 Eleuterio Gonz\un00ellez -
Universidad Aut\un00f3noma de Nuevo Le\un00f3n|Laboratorio de Infectolog\un00eda
Molecular\ndepartamento de Bioqu\un00edmica y Medicina Molecular\ndFacultad de Medicina
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>rsidad Aut\un00f3noma de Nuevo Le\un00f3n|Gal\un00eln|Mexico

>Spike|hCoV-19/Northern Ireland/NIRE-FC77B/2020|2020-04-
21|EPI_ISL_470029|Original|hCoV-19^^Northern Ireland|Human|Regional Virus
Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK)
consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-828D1/2020|2020-04-14|EPI_ISL_443417|Original|hCoV-
19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19
Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Japan/PG-5986/2020|2020-08-00|EPI_ISL_689099|Original|hCoV-
19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/AR-IBV-005077/2020|2020-04-22|EPI_ISL_500288|Original|hCoV-
19^^Aragon|Human|Servicio de Microbiolog\un00eda|SeqCOVID-SPAIN
consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/LA-EVTL1241/2020|2020-12-17|EPI_ISL_768510|Original|hCoV-
19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome
Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/SHEF-C3BEA/2020|2020-10-29|EPI_ISL_653066|Original|hCoV-
19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de
Silva|United Kingdom

>Spike|hCoV-19/USA/CA-LAC-USC11/2020-06-04|2020-06-04|EPI_ISL_569674|Original|hCoV-
19^^California|Human|Lee Lab|Lee Lab|Lee|USA

>Spike|hCoV-19/England/ALDP-9507A9/2020|2020-06-14|EPI_ISL_554395|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-J350/2020|2020-04-02|EPI_ISL_447854|Original|hCoV-
19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for
Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/MA-MGH-00666/2020|2020-04-04|EPI_ISL_460165|Original|hCoV-
19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease
Program|Lemieux|USA

>Spike|hCoV-19/USA/ME-HETL-J0060/2020|2020-03-20|EPI_ISL_513471|Original|hCoV-
19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/TX-HMH-5417/2020|2020-06-25|EPI_ISL_544761|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13607/2020|2020-08-21|EPI_ISL_788717|Original|hCoV-
19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-761/2020|2020-07-05|EPI_ISL_495466|Original|hCoV-
19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-BCB956/2020|2020-11-27|EPI_ISL_704141|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-260116/2020|2020-08-
26|EPI_ISL_539425|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of
Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Portugal/R493/2020|2020-05-27|EPI_ISL_491292|Original|hCoV-
19^^Portugal|Human|Instituto Gulbenkian de Ci\un00eancia|Instituto Gulbenkian de
Ci\un00eancia|Leite|Portugal

>Spike|hCoV-19/England/QEUH-9A4287/2020|2020-09-01|EPI_ISL_540195|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2559/2020|2020-06-28|EPI_ISL_522243|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012527847/2020|2020-08-03|EPI_ISL_745758|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21417/2020|2020-03-24|EPI_ISL_507671|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/20134007204/2020|2020-03-23|EPI_ISL_423075|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B0945B/2020|2020-10-29|EPI_ISL_673141|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205090681/2020|2020-12-11|EPI_ISL_766297|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/WY-CDC-2-3714364/2020|2020-12-06|EPI_ISL_751743|Original|hCoV-19^^Wyoming|Human|WY Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/CAMB-7FD7E/2020|2020-04-20|EPI_ISL_444410|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15979/2020|2020-07-10|EPI_ISL_785663|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV108/2020|2020-12-20|EPI_ISL_730625|Original|hCoV-19^^Zurich|Human|Limmattal Hospital|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-2012499188/2020|2020-08-18|EPI_ISL_746116|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/reg-a-0422588/2020|2020-04-22|EPI_ISL_734634|Original|hCoV-19^^Heusden-Zolder|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/BRIS-12E41E/2020|2020-04-27|EPI_ISL_482028|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12C4E3/2020|2020-05-06|EPI_ISL_469505|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9DEC2/2020|2020-04-05|EPI_ISL_453245|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1961/2020|2020-08-20|EPI_ISL_613465|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Japan/PG-7557/2020|2020-06-00|EPI_ISL_686659|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20970/2020|2020-12-21|EPI_ISL_759481|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BW-MVZ-LS-44/2020|2020-04-27|EPI_ISL_640261|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/England/ALDP-94A5B7/2020|2020-06-11|EPI_ISL_556382|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9399/2020|2020-07-02|EPI_ISL_781097|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/1026/2020|2020-03-22|EPI_ISL_574511|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/NORW-221AEB/2020|2020-12-20|EPI_ISL_764465|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-107/2020|2020-04-23|EPI_ISL_482375|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Wales/PHWC-49A9DF/2020|2020-12-03|EPI_ISL_727628|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-BB0CC4/2020|2020-11-17|EPI_ISL_720489|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/205000626/2020|2020-12-00|EPI_ISL_709962|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/ALDP-A2F511/2020|2020-10-06|EPI_ISL_587152|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2433/2020|2020-08-14|EPI_ISL_667207|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-4829AD/2020|2020-10-19|EPI_ISL_611534|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-28B98/2020|2020-04-03|EPI_ISL_445411|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW172/2020|2020-03-13|EPI_ISL_416710|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-4325/2020|2020-08-31|EPI_ISL_615525|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/France/PAC-IHU-1628/2020|2020-09-11|EPI_ISL_569237|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0201Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/NM-NMDOH-2020242041/2020|2020-07-22|EPI_ISL_510888|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/IL-UW-507/2020|2020-05-30|EPI_ISL_484882|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1014/2020|2020-11-22|EPI_ISL_722685|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20142016504/2020|2020-03-30|EPI_ISL_423436|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/HECH-2599C67/2020|2020-05-04|EPI_ISL_482095|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3092/2020|2020-12-14|EPI_ISL_744047|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99010937/2020|2020-07-10|EPI_ISL_732774|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-MDHHS-SC22531/2020|2020-11-08|EPI_ISL_708531|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/LA-EVTL622/2020|2020-08-06|EPI_ISL_579026|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-B5CDB8/2020|2020-11-10|EPI_ISL_655685|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6545/2020|2020-10-05|EPI_ISL_619445|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-AD3039/2020|2020-10-26|EPI_ISL_634055|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F623B/2020|2020-09-25|EPI_ISL_588787|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020326575/2020|2020-09-03|EPI_ISL_632842|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Wales/PHWC-2A255/2020|2020-04-06|EPI_ISL_445542|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/20129160704/2020|2020-03-21|EPI_ISL_424121|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4703/2020|2020-06-19|EPI_ISL_544271|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9B599D/2020|2020-08-28|EPI_ISL_590351|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C3C05/2020|2020-09-14|EPI_ISL_559905|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0105/2020|2020-04-28|EPI_ISL_445047|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-492782/2020|2020-11-29|EPI_ISL_725697|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18298/2020|2020-12-07|EPI_ISL_749871|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5242/2020|2020-09-14|EPI_ISL_615173|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/205022338/2020|2020-12-07|EPI_ISL_766282|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Uganda/UG071/2020|2020-08-26|EPI_ISL_737985|Original|hCoV-19^^Uganda|Human|Uganda Central Public Health Lab and Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda Research Unit|Cotten|Uganda

>Spike|hCoV-19/USA/WA-S570/2020|2020-03-24|EPI_ISL_434330|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-9D4F69/2020|2020-09-19|EPI_ISL_601676|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B2525F/2020|2020-11-04|EPI_ISL_646497|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS82/2020|2020-03-28|EPI_ISL_522753|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49DD49/2020|2020-12-01|EPI_ISL_742903|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4906C3/2020|2020-11-13|EPI_ISL_706500|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUI-9DD15B/2020|2020-09-22|EPI_ISL_599677|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-340127/2020|2020-10-26|EPI_ISL_721934|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUI-AF5E28/2020|2020-10-30|EPI_ISL_663018|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SH-ETHZ-370460/2020|2020-11-16|EPI_ISL_693959|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Netherlands/NoordBrabant_10003/2020|2020-02-28|EPI_ISL_454752|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/ALDP-B45EBF/2020|2020-11-07|EPI_ISL_656301|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22502/2020|2020-11-17|EPI_ISL_708205|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/QEUI-BF0967/2020|2020-12-05|EPI_ISL_709159|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16116/2020|2020-10-27|EPI_ISL_785800|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/MH-GA85/2020|2020-06-18|EPI_ISL_508280|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Luxembourg/LNS5694717/2020|2020-11-26|EPI_ISL_744276|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-5C16C8/2020|2020-06-19|EPI_ISL_558634|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAABC0/2020|2020-11-18|EPI_ISL_681594|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-BA2C3E/2020|2020-11-18|EPI_ISL_672880|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-A20307/2020|2020-10-01|EPI_ISL_587586|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B246A/2020|2020-05-15|EPI_ISL_456681|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0581/2020|2020-03-21|EPI_ISL_508785|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/PHWC-484E06/2020|2020-10-23|EPI_ISL_628115|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7651/2020|2020-06-26|EPI_ISL_546915|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3778/2020|2020-04-00|EPI_ISL_692030|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-3899/2020|2020-07-01|EPI_ISL_636266|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/20139007204/2020|2020-03-26|EPI_ISL_421859|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1106/2020|2020-06-19|EPI_ISL_529911|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/CAMB-1B50EB/2020|2020-06-19|EPI_ISL_477815|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485AB6/2020|2020-10-20|EPI_ISL_628248|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/QLD1014/2020|2020-03-28|EPI_ISL_530274|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/WA-UW-22899/2020|2020-08-06|EPI_ISL_570731|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/20169018304/2020|2020-04-17|EPI_ISL_465202|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B219E5/2020|2020-11-02|EPI_ISL_647414|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-489654/2020|2020-10-28|EPI_ISL_639600|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B8593A/2020|2020-11-14|EPI_ISL_675673|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B22410/2020|2020-11-02|EPI_ISL_645917|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14666/2020|2020-10-11|EPI_ISL_787951|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR220/2020|2020-03-18|EPI_ISL_425747|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01321/2020|2020-06-00|EPI_ISL_548924|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-4874/2020|2020-09-21|EPI_ISL_621560|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1777/2020|2020-04-13|EPI_ISL_590837|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/GSTT-265E131/2020|2020-03-30|EPI_ISL_484157|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/DE-DHSS-F917739/2020|2020-03-24|EPI_ISL_565831|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/AZ-TG371266/2020|2020-05-15|EPI_ISL_694526|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/LA-EVTL242/2020|2020-08-22|EPI_ISL_574376|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-49AE94/2020|2020-12-06|EPI_ISL_742265|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-NIV-227512/2020|2020-09-26|EPI_ISL_577723|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/QEUEH-9D0E8E/2020|2020-09-13|EPI_ISL_589958|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A84C42/2020|2020-10-16|EPI_ISL_610352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A7004D/2020|2020-10-15|EPI_ISL_608281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3920210/2020|2020-11-23|EPI_ISL_740389|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/VA-DCLS-1037/2020|2020-06-03|EPI_ISL_526921|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/LIVE-1D1D6A/2020|2020-05-12|EPI_ISL_573237|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-310443/2020|2020-10-08|EPI_ISL_603516|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-3524/2020|2020-09-14|EPI_ISL_636068|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-9AE108/2020|2020-09-04|EPI_ISL_637334|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LOND-124E1A4/2020|2020-00-00|EPI_ISL_584665|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Singapore/1294/2020|2020-05-11|EPI_ISL_648779|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/TX-HMH-MCoV-13862/2020|2020-08-16|EPI_ISL_787155|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/United Arab Emirates/0872/2020|2020-05-19|EPI_ISL_699011|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Taiwan/NTU05/2020|2020-03-13|EPI_ISL_422408|Vero E6|hCoV-19^^Taipei|Human|Department of Laboratory Medicine|Microbial Genomics Core Lab|Lin|Taiwan

>Spike|hCoV-19/USA/CA-IGI-0794/2020|2020-06-16|EPI_ISL_756338|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/TX-HMH-3657/2020|2020-06-15|EPI_ISL_543101|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9F51E4/2020|2020-09-25|EPI_ISL_588353|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B418C4/2020|2020-11-08|EPI_ISL_658568|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-513/2020|2020-04-02|EPI_ISL_544545|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-1093/2020|2020-07-29|EPI_ISL_516518|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC14109/2020|2020-08-25|EPI_ISL_563971|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LCST-24D67AA/2020|2020-05-30|EPI_ISL_478292|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1051/2020|2020-04-06|EPI_ISL_437051|Original|hCoV-19^^California|Human|County of Santa Clara Public Health|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Australia/VIC6676/2020|2020-07-20|EPI_ISL_521432|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL) |VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-2609/2020|2020-03-29|EPI_ISL_486006|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/CA-CZB-5170/2020|2020-08-12|EPI_ISL_583221|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/VA-DCLS-0904/2020|2020-05-13|EPI_ISL_522779|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Russia/CRIE159932/2020|2020-03-30|EPI_ISL_486817|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Speranskaya|Russia

>Spike|hCoV-19/USA/FL-BPHL-0618/2020|2020-04-03|EPI_ISL_508822|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-11720/2020|2020-10-26|EPI_ISL_671092|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BS-42205013/2020|2020-03-24|EPI_ISL_581733|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/LA-EVTL1107/2020|2020-12-04|EPI_ISL_768377|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-CZB-12293/2020|2020-10-07|EPI_ISL_648387|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Scotland/QEUH-96E298/2020|2020-08-20|EPI_ISL_534495|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3566/2020|2020-06-00|EPI_ISL_691822|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-1421/2020|2020-04-00|EPI_ISL_685028|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC11168/2020|2020-08-08|EPI_ISL_563280|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B2C504/2020|2020-11-02|EPI_ISL_666022|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/MILK-975CBE/2020|2020-08-19|EPI_ISL_552752|Original|hCoV-19^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-24039/2020|2020-10-04|EPI_ISL_660888|Original|hCoV-19^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/UT-UPHL-2009336/2020|2020-05-14|EPI_ISL_524936|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-AF520E/2020|2020-10-30|EPI_ISL_662964|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SC-769/2020|2020-03-10|EPI_ISL_427306|Original|hCoV-19^Santa Catarina|Human|LACEN-SC - Laboratorio Central de Santa Catarina|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRs)|Silva|Brazil

>Spike|hCoV-19/England/CAMB-81131/2020|2020-04-16|EPI_ISL_438571|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-6784/2020|2020-08-00|EPI_ISL_687893|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-99D04B/2020|2020-08-30|EPI_ISL_549863|Original|hCoV-19^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001192/2020|2020-03-25|EPI_ISL_452565|Original|hCoV-19^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-2A905/2020|2020-04-08|EPI_ISL_445635|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C46837/2020|2020-12-10|EPI_ISL_718504|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD1183/2020|2020-10-26|EPI_ISL_633869|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8448/2020|2020-07-27|EPI_ISL_565020|Original|hCoV-19^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-11190/2020|2020-09-02|EPI_ISL_789729|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG396379/2020|2020-06-11|EPI_ISL_694832|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/SaudiArabia/KAUST-MAKKAH293/2020|2020-04-21|EPI_ISL_513216|Original|hCoV-19^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/ALDP-A51A62/2020|2020-10-07|EPI_ISL_598004|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/19/2020|2020-03-02|EPI_ISL_419001|Original|hCoV-19^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-14924/2020|2020-11-23|EPI_ISL_713525|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Portugal/PT1891/2020|2020-11-12|EPI_ISL_732106|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-BC64A5/2020|2020-11-20|EPI_ISL_721247|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1642B8/2020|2020-04-25|EPI_ISL_474154|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A35E1D/2020|2020-10-04|EPI_ISL_706896|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/ALDP-AA50B8/2020|2020-10-21|EPI_ISL_634774|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A7827C/2020|2020-10-14|EPI_ISL_638747|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0F18B/2020|2020-11-02|EPI_ISL_642542|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00318/2020|2020-05-12|EPI_ISL_623121|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Denmark/DCGC-8577/2020|2020-10-26|EPI_ISL_625936|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Vietnam/VNHN_1528/2020|2020-03-22|EPI_ISL_455697|Original|hCoV-19^^Hanoi|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam

>Spike|hCoV-19/Japan/PG-4243/2020|2020-07-00|EPI_ISL_692473|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B354DE/2020|2020-11-05|EPI_ISL_659621|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5134/2020|2020-06-22|EPI_ISL_544550|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9C80B0/2020|2020-09-10|EPI_ISL_567022|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CDDEA/2020|2020-06-22|EPI_ISL_493717|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Palestine/47/2020|2020-08-17|EPI_ISL_596530|Original|hCoV-19^^Jerusalem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/England/ALDP-AA1E3A/2020|2020-10-22|EPI_ISL_625061|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4838BE/2020|2020-10-20|EPI_ISL_627867|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1360776/2020|2020-10-22|EPI_ISL_739923|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-17268/2020|2020-12-14|EPI_ISL_750867|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/ARA-58470/2020|2020-08-05|EPI_ISL_683366|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-16A5E6/2020|2020-09-08|EPI_ISL_540913|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-112/2020|2020-10-09|EPI_ISL_632634|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR4513/2020|2020-09-21|EPI_ISL_585374|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11584/2020|2020-07-24|EPI_ISL_625564|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Denmark/DCGC-17803/2020|2020-12-14|EPI_ISL_749302|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9F21F/2020|2020-05-04|EPI_ISL_453437|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-74544/2020|2020-03-28|EPI_ISL_425304|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/20129062104/2020|2020-03-12|EPI_ISL_424058|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_183/2020|2020-04-25|EPI_ISL_461355|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-1167/2020|2020-03-16|EPI_ISL_614653|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-4A8367/2020|2020-06-11|EPI_ISL_559493|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9207/2020|2020-07-02|EPI_ISL_781000|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/QC_AD6/2020|2020-04-06|EPI_ISL_476500|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Scotland/QEUA-9CFF25/2020|2020-09-16|EPI_ISL_601800|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C88D1C/2020|2020-12-16|EPI_ISL_756390|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18663/2020|2020-11-20|EPI_ISL_785011|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/BE-ChVir-W1134-8182/2020|2020-04-01|EPI_ISL_753937|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Wales/PHWC-4A2594/2020|2020-12-15|EPI_ISL_743909|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19264/2020|2020-12-07|EPI_ISL_748271|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/HH-hpi-p1356/2020|2020-03-27|EPI_ISL_775790|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/CAMB-7CBB3/2020|2020-04-05|EPI_ISL_470532|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130AF9/2020|2020-03-13|EPI_ISL_492664|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A420DB/2020|2020-10-04|EPI_ISL_609502|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC699/2020|2020-03-26|EPI_ISL_451414|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Australia/WA248/2020|2020-04-02|EPI_ISL_596810|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/Denmark/DCGC-18557/2020|2020-12-07|EPI_ISL_750042|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18540/2020|2020-11-20|EPI_ISL_784888|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-9205/2020|2020-07-02|EPI_ISL_780476|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW1316/2020|2020-12-21|EPI_ISL_767882|Original|hCoV-19^^New South Wales|Human|Medlab Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-162B46/2020|2020-05-20|EPI_ISL_473167|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-08146/2020|2020-03-11|EPI_ISL_429118|Original|hCoV-19^^Halland|Human|Klinisk mikrobiologi och vardhygien Halmstad|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/ALDP-C3B38F/2020|2020-12-08|EPI_ISL_767168|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129010204/2020|2020-03-20|EPI_ISL_423981|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004357/2020|2020-03-25|EPI_ISL_654481|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A70450/2020|2020-10-15|EPI_ISL_607780|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5646E/2020|2020-11-05|EPI_ISL_657631|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Serbia/Kraljevo-00160707/2020|2020-07-06|EPI_ISL_644570|Original|hCoV-19^^Kraljevo|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/DRC/3778/2020|2020-04-24|EPI_ISL_447240|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Amuri|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-671CA6/2020|2020-07-03|EPI_ISL_558058|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4978/2020|2020-07-13|EPI_ISL_519344|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-2415/2020|2020-11-23|EPI_ISL_723481|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Netherlands/ZuidHolland_96/2020|2020-03-30|EPI_ISL_422632|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-C48167/2020|2020-12-12|EPI_ISL_718678|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-L10-CD150/2020|2020-03-14|EPI_ISL_476177|Original|hCoV-19^^Rio Grande do Sul|Human|DB Diagn\u00f3sticos do Brasil|Instituto de Medicina Tropical da Universidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/Switzerland/BL-UHB-42190581/2020|2020-03-13|EPI_ISL_528073|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUA-B6C429/2020|2020-11-11|EPI_ISL_655138|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-135362/2020|2020-04-07|EPI_ISL_457051|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Portugal/PT0827/2020|2020-03-21|EPI_ISL_511086|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUA-9437A9/2020|2020-07-23|EPI_ISL_532549|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/VB-CMM-28875/2020|2020-03-19|EPI_ISL_459864|Original|hCoV-19^^Valparaiso|Human|Center for Genome Regulation (CRG)|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e1jares|Chile

>Spike|hCoV-19/England/NOTT-11C149/2020|2020-11-15|EPI_ISL_652399|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-0514/2020|2020-04-02|EPI_ISL_480172|Original|hCoV-19^^Kanto|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A0BE4D/2020|2020-09-30|EPI_ISL_599297|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BCDDA3/2020|2020-11-26|EPI_ISL_704509|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_659/2020|2020-00-00|EPI_ISL_461094|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-DSHS-0335/2020|2020-06-13|EPI_ISL_534302|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-BB163E/2020|2020-11-17|EPI_ISL_720267|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-230053/2020|2020-08-04|EPI_ISL_516591|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC16407/2020|2020-08-09|EPI_ISL_640432|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-C71FE3/2020|2020-12-15|EPI_ISL_769159|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18682/2020|2020-11-21|EPI_ISL_785030|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/IC-0280/2020|2020-11-00|EPI_ISL_667709|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20411/2020|2020-12-21|EPI_ISL_759132|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20206035304/2020|2020-05-13|EPI_ISL_465660|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Thailand/Samut prakarn_840/2020|2020-02-04|EPI_ISL_447919|Vero P2|hCoV-19^^Samut Prakarn|Human|n/a|National Institute of Health. Department of medical Sciences|Okada|Thailand

>Spike|hCoV-19/England/ALDP-A52788/2020|2020-10-07|EPI_ISL_597942|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-6673S/2020|2020-05-11|EPI_ISL_569739|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/India/DL-NIV-773/2020|2020-00-00|EPI_ISL_547873|unknown|hCoV-19^^Delhi|Human|Maximum Containment Laboratory|Maximum Containment Laboratory|Yadav|India

>Spike|hCoV-19/USA/AZ-TG648771/2020|2020-04-11|EPI_ISL_695941|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/MILK-BB24AC/2020|2020-11-18|EPI_ISL_720187|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Slovenia/8852/2020|2020-03-17|EPI_ISL_635251|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/DRC/2529/2020|2020-04-15|EPI_ISL_437338|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Muyembe|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-HMH-MCoV-10506/2020|2020-07-08|EPI_ISL_789506|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1899/2020|2020-04-08|EPI_ISL_438851|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4995BE/2020|2020-12-04|EPI_ISL_727326|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033851236/2020|2020-04-04|EPI_ISL_578091|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/AZ-TG547381/2020|2020-07-07|EPI_ISL_695513|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/NORT-288D34/2020|2020-03-20|EPI_ISL_458639|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-200046/2020|2020-07-10|EPI_ISL_510731|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Belgium/reg-0403290/2020|2020-04-03|EPI_ISL_464084|Original|hCoV-19^^Colfontaine|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Switzerland/AG-ETHZ-360246/2020|2020-11-09|EPI_ISL_729244|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-9E0B57/2020|2020-09-21|EPI_ISL_601473|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2839AE/2020|2020-04-01|EPI_ISL_488708|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CB62F8/2020|2020-12-18|EPI_ISL_761723|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-AB395/2020|2020-08-13|EPI_ISL_539635|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Mukherjee|India

>Spike|hCoV-19/USA/CO-CDPHE-2009090322/2020|2020-09-08|EPI_ISL_677645|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/CAMC-A58421/2020|2020-10-07|EPI_ISL_597015|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B6C1/2020|2020-04-12|EPI_ISL_445747|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1965/2020|2020-03-24|EPI_ISL_424324|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-10779/2020|2020-11-02|EPI_ISL_670201|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9F4051/2020|2020-09-24|EPI_ISL_588582|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BEA28/2020|2020-09-10|EPI_ISL_567954|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-240065/2020|2020-08-13|EPI_ISL_523905|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-A59666/2020|2020-10-09|EPI_ISL_596943|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/UD-90300/2020|2020-10-04|EPI_ISL_671458|Original|hCoV-19^^Borsod-Aba\u00faj-Zempl\u00e9n county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Scotland/EDB7845/2020|2020-09-22|EPI_ISL_572707|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Taiwan/TSGH-29/2020|2020-03-17|EPI_ISL_447255|Original|hCoV-19^^New Taipei City|Human|TSGH-CP molecular lab|TSGH-CP molecular lab|Shang|Taiwan

>Spike|hCoV-19/England/GSTT-265D879/2020|2020-03-25|EPI_ISL_484025|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Serbia/Kosovska Mitrovica-05221607/2020|2020-07-15|EPI_ISL_644565|Original|hCoV-19^^Kosovska Mitrovica|Human|Veterinary Specialized Institute \Kraljevo\|Veterinary Specialized Institute \Kraljevo\|Vidanovic|Serbia

>Spike|hCoV-19/India/GJ-GBRC206/2020|2020-06-11|EPI_ISL_475032|Original|hCoV-19^^Gujarat|Human|Department of MicroBiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Wales/PHWC-49B2D3/2020|2020-11-06|EPI_ISL_742317|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2341C2/2020|2020-10-14|EPI_ISL_680351|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/India/DL-NCDC-3176/2020|2020-04-05|EPI_ISL_436427|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Spain/CL-IBV-97006167/2020|2020-04-05|EPI_ISL_537314|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Belgium/ULG-11147/2020|2020-12-19|EPI_ISL_737391|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Switzerland/SZ-ETHZ-310390/2020|2020-10-08|EPI_ISL_603464|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-3692/2020|2020-09-07|EPI_ISL_615468|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0199/2020|2020-03-15|EPI_ISL_438040|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Spain/MD-HLP-R62/2020|2020-04-21|EPI_ISL_530108|Original|hCoV-19^^Madrid|Human|Hospital Universitario Ram\u00f3n y Cajal|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/USA/WA-UW-1478/2020|2020-03-18|EPI_ISL_424182|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-A81085/2020|2020-10-14|EPI_ISL_610798|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0CEF/2020|2020-11-22|EPI_ISL_704712|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-71B18/2020|2020-03-31|EPI_ISL_439619|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-1264DC2/2020|2020-11-22|EPI_ISL_724568|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-C489AB/2020|2020-12-12|EPI_ISL_736575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-1704/2020|2020-04-22|EPI_ISL_496365|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/TX-DSHS-0285/2020|2020-06-13|EPI_ISL_527852|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-9C5A3D/2020|2020-09-11|EPI_ISL_567812|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV21587/2020|2020-05-16|EPI_ISL_463083|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Scotland/CVR5333/2020|2020-10-24|EPI_ISL_651764|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20IRL80439/2020|2020-11-08|EPI_ISL_732381|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/France/IDF-2279/2020|2020-03-11|EPI_ISL_416500|Original|hCoV-19^^\u00e9-de-France|Human|LABM GH nord Essonne|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-C3AB2E/2020|2020-12-09|EPI_ISL_731434|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_4799711/2020|2020-03-09|EPI_ISL_418830|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Portugal/IGC4024/2020|2020-05-31|EPI_ISL_491224|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/England/20132032904/2020|2020-03-22|EPI_ISL_423775|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-1639/2020|2020-03-18|EPI_ISL_603965|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/MD-IBV-005344/2020|2020-03-19|EPI_ISL_510221|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUA-C3119E/2020|2020-12-11|EPI_ISL_731382|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AF282D/2020|2020-10-30|EPI_ISL_662803|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6285/2020|2020-10-05|EPI_ISL_620045|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-1947/2020|2020-09-29|EPI_ISL_677355|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-B3C4AA/2020|2020-11-01|EPI_ISL_706148|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BRIS-126258/2020|2020-04-10|EPI_ISL_458923|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BB3186/2020|2020-11-19|EPI_ISL_703205|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F63D/2020|2020-12-08|EPI_ISL_743245|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR1385/2020|2020-03-31|EPI_ISL_433564|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Ireland/CE-UHL118/2020|2020-04-07|EPI_ISL_681706|Original|hCoV-19^^Clare|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/WA-S1488/2020|2020-03-08|EPI_ISL_495663|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Australia/NSW2563/2020|2020-04-05|EPI_ISL_527056|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Northern Ireland/QEUA-9C85A2/2020|2020-09-11|EPI_ISL_567016|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CCA59E/2020|2020-12-23|EPI_ISL_782164|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-4432/2020|2020-03-23|EPI_ISL_443317|Original|hCoV-19^^\u00cele-de-France|Human|Cabinet M\u00e9dical|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/MILK-9E236C/2020|2020-09-21|EPI_ISL_581351|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00956/2020|2020-10-28|EPI_ISL_692815|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/PG-4892/2020|2020-08-00|EPI_ISL_690013|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/VA-DCLS-0998/2020|2020-05-30|EPI_ISL_526900|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-487B39/2020|2020-10-30|EPI_ISL_639277|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08310/2020|2020-05-26|EPI_ISL_524106|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/LIVE-ABBCA/2020|2020-08-09|EPI_ISL_540628|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-954866/2020|2020-06-09|EPI_ISL_555494|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-EB26F/2020|2020-05-01|EPI_ISL_457412|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Senegal/1406/2020|2020-03-29|EPI_ISL_480782|Original|hCoV-19^^Dakar|Human|Institut Pasteur Dakar|Institut Pasteur de Dakar|Dia|Senegal

>Spike|hCoV-19/Scotland/QEUA-AD02FA/2020|2020-10-26|EPI_ISL_643998|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012803704/2020|2020-10-26|EPI_ISL_746255|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/India/DL-MaxCov0020-CSIR-IGIB/2020|2020-05-10|EPI_ISL_459922|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/Scotland/EDB8640/2020|2020-10-23|EPI_ISL_651985|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/QEUA-A0BF4A/2020|2020-10-03|EPI_ISL_599162|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3544/2020|2020-05-15|EPI_ISL_473679|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Scotland/CVR1638/2020|2020-04-03|EPI_ISL_433639|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-A05353/2020|2020-09-30|EPI_ISL_599888|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8614/2020|2020-07-01|EPI_ISL_780652|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-05479/2020|2020-05-30|EPI_ISL_560882|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/OR-PROV-081/2020|2020-04-18|EPI_ISL_482354|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/QEUA-B2DD92/2020|2020-11-02|EPI_ISL_646300|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8348/2020|2020-07-08|EPI_ISL_784346|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-75EEE/2020|2020-03-29|EPI_ISL_438494|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3310/2020|2020-07-17|EPI_ISL_548330|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42184956/2020|2020-03-10|EPI_ISL_527983|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-ALSR-3141/2020|2020-08-19|EPI_ISL_635871|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-2818/2020|2020-08-17|EPI_ISL_616454|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16B424/2020|2020-09-15|EPI_ISL_560288|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-9D1F11/2020|2020-09-19|EPI_ISL_601704|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5691/2020|2020-06-00|EPI_ISL_688815|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-2127/2020|2020-09-24|EPI_ISL_677532|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Switzerland/ZH-UZH-IMV7/2020|2020-03-29|EPI_ISL_590829|Vero P2|hCoV-19^^Zurich|Human|Institute of Medical Virology|Institute of Medical Virology|Kufner|Switzerland

>Spike|hCoV-19/USA/WA-UW-47284/2020|2020-12-09|EPI_ISL_776704|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Italy/VEN-IZSve-23-50/2020|2020-03-26|EPI_ISL_452185|Original|hCoV-19^^Veneto|Human|ULSS9 Distretto di Bussolengo|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/MILK-9A6935/2020|2020-09-01|EPI_ISL_550103|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-2020/2020|2020-06-18|EPI_ISL_766648|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/CA-ALSR-2308/2020|2020-07-09|EPI_ISL_635423|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Canada/ON-S773/2020|2020-04-10|EPI_ISL_591222|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Denmark/DCGC-14365/2020|2020-11-30|EPI_ISL_711722|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC7090/2020|2020-08-01|EPI_ISL_564224|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2009148/2020|2020-05-27|EPI_ISL_525138|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/VA-DCLS-1383/2020|2020-07-06|EPI_ISL_572228|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-B835A1/2020|2020-11-15|EPI_ISL_675166|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13489/2020|2020-10-23|EPI_ISL_672522|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-2BEAB/2020|2020-04-11|EPI_ISL_445862|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-764CD/2020|2020-03-29|EPI_ISL_438429|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1566/2020|2020-08-11|EPI_ISL_527631|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUA-BCB6AA/2020|2020-11-26|EPI_ISL_703830|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20352/2020|2020-03-30|EPI_ISL_450631|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000610/2020|2020-03-11|EPI_ISL_632067|Original|hCoV-19^^New York|Human|NYU Langone Health|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/South Korea/KDCA0366/2020|2020-07-05|EPI_ISL_760150|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/HI-H200047/2020|2020-04-16|EPI_ISL_752632|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUA-9C9D5E/2020|2020-09-10|EPI_ISL_567374|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-244/2020|2020-04-01|EPI_ISL_469172|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/ALDP-A5023E/2020|2020-10-07|EPI_ISL_597789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7972/2020|2020-07-06|EPI_ISL_545754|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/QC_AY8/2020|2020-04-12|EPI_ISL_463956|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/USA/TX-HMH-2333/2020|2020-05-27|EPI_ISL_545251|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036671867/2020|2020-10-28|EPI_ISL_650102|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMC-C4130E/2020|2020-12-10|EPI_ISL_719356|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CEFF/2020|2020-10-14|EPI_ISL_608091|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2813963/2020|2020-03-22|EPI_ISL_740199|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CZB-9775/2020|2020-06-23|EPI_ISL_672174|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-1BAE91/2020|2020-11-11|EPI_ISL_664178|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Netherlands/Overijssel_17/2020|2020-04-13|EPI_ISL_460806|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/ZH-RIVM-10063/2020|2020-04-07|EPI_ISL_547558|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response

team|National Institute for Public Health and the Environment
(RIVM)|Meijer|Netherlands
>Spike|hCoV-19/USA/NY-PV09188/2020|2020-03-20|EPI_ISL_422545|Original|hCoV-19^^New
York|Human|MHS Clinical Microbiology Laboratories|MHS Pathogen Surveillance
Program|van Bakel|USA
>Spike|hCoV-19/England/ALDP-BB2A8C/2020|2020-11-19|EPI_ISL_703089|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-374/2020|2020-05-20|EPI_ISL_480356|Original|hCoV-
19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/England/QEUAH-9F95E4/2020|2020-09-27|EPI_ISL_589142|Original|hCoV-
19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-
19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMB-1AC296/2020|2020-04-28|EPI_ISL_444387|Original|hCoV-
19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK)
Consortium|Meredith|United Kingdom
>Spike|hCoV-19/England/LIVE-A837A/2020|2020-03-26|EPI_ISL_517151|Original|hCoV-
19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK)
Consortium|Haldenby|United Kingdom
>Spike|hCoV-19/Scotland/QEUAH-9439A3/2020|2020-08-01|EPI_ISL_532563|Original|hCoV-
19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-17166/2020|2020-12-14|EPI_ISL_750335|Original|hCoV-
19^^Midtjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark
>Spike|hCoV-19/England/CAMC-B33995/2020|2020-11-05|EPI_ISL_659121|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16EB59/2020|2020-10-04|EPI_ISL_585826|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK
(COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/Spain/AR-IBV-97005114/2020|2020-04-26|EPI_ISL_779734|Original|hCoV-
19^^Aragon|Human|Servicio de Microbiología|SeqCOVID-SPAIN
consortium/IBV (CSIC)|Comas|Spain
>Spike|hCoV-19/Luxembourg/LNS2335124/2020|2020-04-24|EPI_ISL_445066|Original|hCoV-
19^^Luxembourg|Human|Laboratoire National de Sante|Laboratoire National de
Sante|Wienecke-Baldacchino|Luxembourg
>Spike|hCoV-19/Denmark/DCGC-6768/2020|2020-10-12|EPI_ISL_619464|Original|hCoV-
19^^Hovedstaden|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/UT-UPHL-2009031/2020|2020-05-14|EPI_ISL_525336|Original|hCoV-
19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/Scotland/GCVR-17142B/2020|2020-03-28|EPI_ISL_489590|Original|hCoV-
19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-
University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-A7A140/2020|2020-10-15|EPI_ISL_606716|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B7528D/2020|2020-11-12|EPI_ISL_662038|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-AB8067/2020|2020-10-21|EPI_ISL_623324|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7E00D/2020|2020-04-05|EPI_ISL_441572|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B065/2020|2020-11-09|EPI_ISL_655417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2056/2020|2020-10-04|EPI_ISL_677461|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-9CBA19/2020|2020-09-16|EPI_ISL_575462|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B63BF0/2020|2020-11-08|EPI_ISL_656547|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B94464/2020|2020-11-13|EPI_ISL_676238|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1c965/2020|2020-11-01|EPI_ISL_645606|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AEB186/2020|2020-10-26|EPI_ISL_633135|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AF66B6/2020|2020-10-30|EPI_ISL_663084|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-533/2020|2020-00-00|EPI_ISL_577961|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Spain/CT-IBV-005484/2020|2020-05-15|EPI_ISL_510515|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUEH-9F7F15/2020|2020-09-27|EPI_ISL_595723|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-7FE5D/2020|2020-04-19|EPI_ISL_444424|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Germany/SN-RKI-NP-0034/2020|2020-12-08|EPI_ISL_763015|Original|hCoV-19^^Saxony|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/USA/CA-ALSR-5047/2020|2020-12-06|EPI_ISL_730314|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/VIC7100/2020|2020-08-01|EPI_ISL_564231|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-53105/2020|2020-09-28|EPI_ISL_648197|Original|hCoV-19^^Sweden|Human|The Public Health Agency of Sweden|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-9925CF/2020|2020-08-27|EPI_ISL_552047|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200381/2020|2020-09-18|EPI_ISL_752928|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Wales/PHWC-48FDC2/2020|2020-11-11|EPI_ISL_681229|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/UT-08413/2020|2020-05-13|EPI_ISL_524191|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15223/2020|2020-10-20|EPI_ISL_786707|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-17753/2020|2020-12-14|EPI_ISL_749544|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/MB-NML-636/2020|2020-04-02|EPI_ISL_582296|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Northern Ireland/NIRE-2334CA/2020|2020-10-01|EPI_ISL_680295|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Japan/PG-4664/2020|2020-08-00|EPI_ISL_689801|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-19399/2020|2020-11-30|EPI_ISL_783818|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B83D12/2020|2020-11-14|EPI_ISL_674477|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AC00008/2020|2020-08-18|EPI_ISL_707889|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/England/ALDP-A667DC/2020|2020-10-12|EPI_ISL_630426|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-QC-1450/2020|2020-09-08|EPI_ISL_577728|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/Japan/PG-0629/2020|2020-04-00|EPI_ISL_684239|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20129042904/2020|2020-03-11|EPI_ISL_424046|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-A44E1B/2020|2020-10-06|EPI_ISL_598711|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH89/2020|2020-03-15|EPI_ISL_429329|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/MD-MDH-0398/2020|2020-11-02|EPI_ISL_660092|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/USA/LA-GBCL-26556572/2020|2020-04-14|EPI_ISL_485200|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Germany/ST-z2/2020|2020-04-16|EPI_ISL_776711|Vero E6|hCoV-19^^Saxony-Anhalt|Human|Institute of medical Microbiology and hospital Hygiene|Institute of medical Microbiology and hospital Hygiene|Tersteegen|Germany

>Spike|hCoV-19/England/ALDP-BC6690/2020|2020-11-22|EPI_ISL_721401|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B3368F/2020|2020-11-04|EPI_ISL_659387|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1679/2020|2020-05-00|EPI_ISL_685285|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-4608/2020|2020-06-21|EPI_ISL_543752|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AN-IBV-006124/2020|2020-06-28|EPI_ISL_510453|Original|hCoV-19^^Andalucia|Human|Hospital Universitario Virgen de las Nieves de Granada-SAS|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/EDB10900/2020|2020-12-10|EPI_ISL_724249|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-97D120/2020|2020-07-17|EPI_ISL_526320|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-B88964/2020|2020-11-13|EPI_ISL_675824|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B742/2020|2020-11-09|EPI_ISL_655402|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM68468625/2020|2020-11-30|EPI_ISL_753495|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/CA-QDX-659/2020|2020-03-22|EPI_ISL_571283|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/SHEF-CAA31/2020|2020-08-29|EPI_ISL_540751|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-16FB67/2020|2020-03-20|EPI_ISL_489585|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2FA03/2020|2020-10-06|EPI_ISL_587035|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200667/2020|2020-12-01|EPI_ISL_753190|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/MA-MGH-00481/2020|2020-04-04|EPI_ISL_460441|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Sweden/20-50202/2020|2020-03-05|EPI_ISL_455868|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-59C3A1/2020|2020-06-13|EPI_ISL_558387|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E8A1/2020|2020-12-07|EPI_ISL_743061|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21491/2020|2020-07-28|EPI_ISL_516218|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Italy/VEN-IZSve-53842/2020|2020-05-27|EPI_ISL_636488|Original|hCoV-19^^Veneto|Human|ULSS9 Scaligera|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/Denmark/DCGC-12930/2020|2020-12-07|EPI_ISL_712469|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21908/2020|2020-04-11|EPI_ISL_565969|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/BRIS-12A5B5/2020|2020-05-01|EPI_ISL_458408|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12754/2020|2020-08-30|EPI_ISL_790505|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16120/2020|2020-11-16|EPI_ISL_714594|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-3837/2020|2020-08-24|EPI_ISL_622688|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-1890/2020|2020-10-01|EPI_ISL_614146|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Iran/K1r-24/2020|2020-03-00|EPI_ISL_582025|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/England/MILK-83DCA4/2020|2020-07-17|EPI_ISL_557259|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1235/2020|2020-12-16|EPI_ISL_740866|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/CAMC-B988EC/2020|2020-11-15|EPI_ISL_673837|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2825D8/2020|2020-03-27|EPI_ISL_472204|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001423/2020|2020-11-20|EPI_ISL_683793|Original|hCoV-19^^New York|Human|DOHMH Corona New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/AZ-WL-CVG00001/2020|2020-09-30|EPI_ISL_765951|Original|hCoV-19^^Arizona|Human|Worobey Lab|Worobey Lab|Larsen|USA

>Spike|hCoV-19/Portugal/PT0745/2020|2020-03-22|EPI_ISL_511004|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-ALSR-2802/2020|2020-07-24|EPI_ISL_635685|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Ireland/CE-NVRL-AIIDV1105v6/2020|2020-04-30|EPI_ISL_644317|Original|hCoV-19^^Clare|Human|CEPHR / Vincent's Hospital|Irish Coronavirus Sequencing Consortium - National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/BRIS-12F2F5/2020|2020-04-14|EPI_ISL_488361|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200589/2020|2020-04-03|EPI_ISL_631391|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Scotland/QEUA-9AE41E/2020|2020-09-05|EPI_ISL_638905|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-100350/2020|2020-03-19|EPI_ISL_574899|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Brazil/RJ-2696/2020|2020-04-24|EPI_ISL_467358|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/Denmark/DCGC-14126/2020|2020-11-30|EPI_ISL_711584|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-UW-1130/2020|2020-08-13|EPI_ISL_522882|Original|hCoV-19^^Minnesota|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000796/2020|2020-03-25|EPI_ISL_632176|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/France/BRE-BR9066/2020|2020-09-04|EPI_ISL_613555|Original|hCoV-19^^Bretagne|Human|CHRU Pontchaillou - Laboratoire de Virologie\n2|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/CAMC-BC0775/2020|2020-11-22|EPI_ISL_705136|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B83565/2020|2020-11-14|EPI_ISL_675692|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94D7CD/2020|2020-06-18|EPI_ISL_555002|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-391/2020|2020-07-14|EPI_ISL_523731|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/mink/Netherlands/NB-EMC-60-4/2020|2020-00-00|EPI_ISL_632473|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/ZE-RIVM-21042/2020|2020-12-30|EPI_ISL_791056|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Nigeria/OS-CV296/2020|2020-08-03|EPI_ISL_729975|Original|hCoV-19^^Osun State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Japan/PG-4341/2020|2020-07-00|EPI_ISL_692569|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/PORT-2D165F/2020|2020-06-08|EPI_ISL_512406|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/LIVE-DB5F97/2020|2020-11-06|EPI_ISL_650140|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUEH-96CFC0/2020|2020-08-21|EPI_ISL_530790|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290375-01/2020|2020-12-19|EPI_ISL_765554|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-1329/2020|2020-04-00|EPI_ISL_684937|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-82B7E/2020|2020-04-22|EPI_ISL_438665|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-5785/2020|2020-08-00|EPI_ISL_688904|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B77D4E/2020|2020-11-12|EPI_ISL_668254|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001400/2020|2020-11-18|EPI_ISL_683779|Original|hCoV-19^^New York|Human|DOHMH Corona|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Germany/HH-hpi-p1992/2020|2020-03-27|EPI_ISL_776310|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Denmark/DCGC-21455/2020|2020-12-21|EPI_ISL_757733|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/EXET-13AC08/2020|2020-11-11|EPI_ISL_664267|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-100137/2020|2020-03-16|EPI_ISL_451721|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B850CC/2020|2020-11-14|EPI_ISL_675920|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00218371/2020|2020-03-14|EPI_ISL_535780|Original|hCoV-19^^Quebec|Human|Centre de SSS de la Haute-Yamaska|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/CO-CDPHE-2009164179/2020|2020-09-16|EPI_ISL_710337|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Japan/PG-1454/2020|2020-04-00|EPI_ISL_685061|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-495B47/2020|2020-11-25|EPI_ISL_726444|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A1F4F9/2020|2020-10-01|EPI_ISL_587567|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC648/2020|2020-03-28|EPI_ISL_426944|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-726/2020|2020-06-30|EPI_ISL_491401|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-DSHS-0399/2020|2020-05-31|EPI_ISL_542459|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Canada/MB-NML-1183/2020|2020-07-28|EPI_ISL_582499|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Australia/QLD1209/2020|2020-03-22|EPI_ISL_639800|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/CAMC-B09F4B/2020|2020-10-30|EPI_ISL_673064|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1690/2020|2020-05-30|EPI_ISL_496116|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-OHSU-0520/2020|2020-06-12|EPI_ISL_526097|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Ginkgo Bioworks Clinical Laboratory|O'Roak|USA

>Spike|hCoV-19/England/ALDP-A2DA8D/2020|2020-10-06|EPI_ISL_586768|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8893/2020|2020-07-24|EPI_ISL_565267|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-969901/2020|2020-08-14|EPI_ISL_530971|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F0E3/2020|2020-10-05|EPI_ISL_587131|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-98EF7D/2020|2020-08-28|EPI_ISL_540350|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NC-CDC-2-3693498/2020|2020-11-09|EPI_ISL_747174|Original|hCoV-19^^North Carolina|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Australia/SAP058/2020|2020-03-27|EPI_ISL_451097|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/FL-BPHL-1027/2020|2020-07-21|EPI_ISL_517917|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-A059D9/2020|2020-09-29|EPI_ISL_599848|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012424387/2020|2020-10-23|EPI_ISL_746295|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-ACBC8B/2020|2020-10-20|EPI_ISL_629346|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11040/2020|2020-11-30|EPI_ISL_722954|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Scotland/QEUA-A00C7B/2020|2020-10-02|EPI_ISL_585565|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11357/2020|2020-11-02|EPI_ISL_670863|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/606/2020|2020-07-02|EPI_ISL_490056|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/BRIS-128371/2020|2020-04-16|EPI_ISL_469566|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2068/2020|2020-10-24|EPI_ISL_683697|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-26-2/2020|2020-07-29|EPI_ISL_523087|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B74910/2020|2020-11-12|EPI_ISL_662274|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B563C/2020|2020-09-03|EPI_ISL_590439|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/727/2020|2020-06-23|EPI_ISL_500548|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/USA/UT-08454/2020|2020-05-20|EPI_ISL_524226|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-12249/2020|2020-11-16|EPI_ISL_682430|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21401/2020|2020-12-21|EPI_ISL_757726|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-15204/2020|2020-07-08|EPI_ISL_717766|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14023/2020|2020-08-14|EPI_ISL_787312|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-290356-01/2020|2020-12-15|EPI_ISL_765541|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/South Africa/KRISP-K002611/2020|2020-07-29|EPI_ISL_535475|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/NM-NMDOH-2020324645/2020|2020-09-02|EPI_ISL_632834|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/ALDP-8BA00D/2020|2020-06-28|EPI_ISL_557146|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1467/2020|2020-04-00|EPI_ISL_685074|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MT-CDC-2-3693670/2020|2020-10-30|EPI_ISL_747032|Original|hCoV-19^^Montana|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/Luxembourg/LNS3343273/2020|2020-11-12|EPI_ISL_740293|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-1B5C14/2020|2020-08-17|EPI_ISL_529657|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036434045/2020|2020-10-14|EPI_ISL_610248|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-B628AF/2020|2020-11-09|EPI_ISL_656348|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-55E790/2020|2020-06-10|EPI_ISL_558378|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10250/2020|2020-07-20|EPI_ISL_515057|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-CZB-3364/2020|2020-07-15|EPI_ISL_548289|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WA-S785/2020|2020-04-14|EPI_ISL_449955|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/201161426/2020|2020-03-11|EPI_ISL_464840|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/WA455/2020|2020-03-29|EPI_ISL_708749|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/ALDP-B5D519/2020|2020-11-09|EPI_ISL_678907|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-S2803/2020|2020-08-26|EPI_ISL_530160|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-896/2020|2020-10-04|EPI_ISL_632786|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-650AB2/2020|2020-07-04|EPI_ISL_558098|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-218/2020|2020-06-02|EPI_ISL_537524|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/United Arab Emirates/L2005036025/2020|2020-05-14|EPI_ISL_520674|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/USA/CA-QDX-806/2020|2020-03-23|EPI_ISL_571499|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Portugal/PT1619/2020|2020-07-09|EPI_ISL_693620|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/NORT-28399F/2020|2020-04-01|EPI_ISL_472246|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC2067/2020|2020-06-12|EPI_ISL_480757|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS8007299/2020|2020-10-27|EPI_ISL_744669|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NORT-28929E/2020|2020-03-28|EPI_ISL_458644|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S000900/2020|2020-03-27|EPI_ISL_484746|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/AZ-TG654332/2020|2020-04-13|EPI_ISL_695981|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Iceland/83/2020|2020-03-09|EPI_ISL_417868|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Turkey/IST-GLAB-153/2020|2020-05-02|EPI_ISL_480252|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Scotland/QEUH-96CF1B/2020|2020-08-21|EPI_ISL_534527|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84AA1/2020|2020-11-14|EPI_ISL_674488|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CC9EE/2020|2020-09-16|EPI_ISL_573123|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483A4F/2020|2020-10-20|EPI_ISL_627886|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORT-2828B1/2020|2020-03-27|EPI_ISL_488495|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5473/2020|2020-07-20|EPI_ISL_520222|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/BC-BCCDC-6450/2020|2020-10-00|EPI_ISL_740598|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/Scotland/QEUH-9B845D/2020|2020-09-07|EPI_ISL_568240|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-321352/2020|2020-10-13|EPI_ISL_603602|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-C85FEC/2020|2020-12-17|EPI_ISL_756594|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1278DD/2020|2020-04-01|EPI_ISL_469573|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A57835/2020|2020-10-08|EPI_ISL_597388|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0423595/2020|2020-04-23|EPI_ISL_734642|Original|hCoV-19^^Diegem|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-3123/2020|2020-06-10|EPI_ISL_544009|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-AE290F/2020|2020-10-27|EPI_ISL_633589|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Shandong/LY005-2/2020|2020-01-24|EPI_ISL_414938|Original|hCoV-19^^Shandong|Human|Shandong Provincial Center for Disease Control and Prevention|Beijing Institute of Microbiology and Epidemiology|Ma|China

>Spike|hCoV-19/USA/TX-HMH-MCoV-15626/2020|2020-10-24|EPI_ISL_785310|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-WSLH-200708/2020|2020-06-27|EPI_ISL_631465|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/England/CAMC-A56FC8/2020|2020-10-08|EPI_ISL_597335|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009568/2020|2020-07-14|EPI_ISL_605247|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Brazil/SP-818/2020|2020-03-31|EPI_ISL_776753|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Central|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/MILK-9A66D4/2020|2020-09-01|EPI_ISL_550154|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OH-CDC-2-3714473/2020|2020-11-23|EPI_ISL_751788|Original|hCoV-19^^Ohio|Human|OH Department of Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Ireland/CO-NVRL-75IRL33312/2020|2020-10-07|EPI_ISL_671877|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUH-AF5426/2020|2020-10-30|EPI_ISL_663180|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C648/2020|2020-03-31|EPI_ISL_445888|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-5932DA/2020|2020-06-11|EPI_ISL_558296|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/HKU-200723-088/2020|2020-07-07|EPI_ISL_497855|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/USA/WI-UW-997/2020|2020-07-16|EPI_ISL_509991|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/OR-PROV-016/2020|2020-04-03|EPI_ISL_482303|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/20109009804/2020|2020-03-04|EPI_ISL_464541|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/HI-H200552/2020|2020-10-24|EPI_ISL_753081|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Wales/PHWC-491DAF/2020|2020-11-13|EPI_ISL_706778|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2373/2020|2020-06-28|EPI_ISL_522093|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-D02450/2020|2020-12-22|EPI_ISL_781559|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-152/2020|2020-03-23|EPI_ISL_460055|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18266/2020|2020-11-17|EPI_ISL_784614|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC536/2020|2020-03-24|EPI_ISL_426802|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94EC63/2020|2020-06-17|EPI_ISL_556376|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/SEARCH-5469/2020|2020-09-08|EPI_ISL_755143|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Belgium/reg-0324870/2020|2020-03-24|EPI_ISL_734520|Original|hCoV-19^^Chaumont-gistoux|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/SHEF-CF1FB/2020|2020-09-26|EPI_ISL_573744|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410061/2020|2020-12-17|EPI_ISL_737790|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-20468/2020|2020-12-21|EPI_ISL_759170|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B00A5/2020|2020-00-00|EPI_ISL_478853|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49983D/2020|2020-12-04|EPI_ISL_727364|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16A777/2020|2020-09-10|EPI_ISL_560100|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Norway/5858/2020|2020-11-15|EPI_ISL_775339|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Netherlands/NH-RIVM-20223/2020|2020-12-05|EPI_ISL_723375|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/LA-EVTL535/2020|2020-08-04|EPI_ISL_578939|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Portugal/PT0942/2020|2020-04-09|EPI_ISL_511492|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-4A4B72/2020|2020-12-08|EPI_ISL_764771|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0094/2020|2020-03-28|EPI_ISL_458023|Original|hCoV-19^^Bangkok|Human|Hospital for Tropical Diseases|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Scotland/QEUA-B7BF9F/2020|2020-11-14|EPI_ISL_710844|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/4LS9F1/2020|2020-08-08|EPI_ISL_756013|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-B896E4/2020|2020-11-13|EPI_ISL_675859|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-OICR-SLB2854/2020|2020-04-07|EPI_ISL_538373|Original|hCoV-19^^Ontario|Human|Kingston Health Sciences Centre / Queen's University|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Australia/VIC2986/2020|2020-07-07|EPI_ISL_521816|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/OMS-ORINFI-4761V-10K/2020|2020-05-03|EPI_ISL_629031|SPEV|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-A6E428/2020|2020-10-15|EPI_ISL_607691|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9C7C26/2020|2020-09-12|EPI_ISL_567041|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1853D84/2020|2020-04-27|EPI_ISL_492428|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB0122/2020|2020-04-08|EPI_ISL_429009|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Scotland/EDB1899/2020|2020-04-17|EPI_ISL_491625|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4981F7/2020|2020-11-30|EPI_ISL_727039|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10968/2020|2020-09-08|EPI_ISL_707746|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-CZB-3884/2020|2020-07-21|EPI_ISL_548500|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8452/2020|2020-07-01|EPI_ISL_780567|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A93E59/2020|2020-10-19|EPI_ISL_610993|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/TBSD-2488E2A/2020|2020-04-30|EPI_ISL_482061|Original|hCoV-19^^England|Human|The Department of Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48FF62/2020|2020-11-11|EPI_ISL_681254|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-E70/2020|2020-03-28|EPI_ISL_593543|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/C200044586/2020|2020-11-06|EPI_ISL_664043|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-W908/2020|2020-07-14|EPI_ISL_528835|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Cote d'Ivoire/BKE0888/2020|2020-08-19|EPI_ISL_614388|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/Denmark/DCGC-13822/2020|2020-11-30|EPI_ISL_713043|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A67410/2020|2020-10-12|EPI_ISL_630655|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-UF-33/2020|2020-10-15|EPI_ISL_666619|Original|hCoV-19^^Florida|Human|Environmental and Global Health|Environmental and Global Health|Elbadry|USA

>Spike|hCoV-19/England/MILK-A45E0B/2020|2020-10-06|EPI_ISL_598562|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/UR-ETHZ-120168/2020|2020-04-26|EPI_ISL_468246|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-13267/2020|2020-08-25|EPI_ISL_788416|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-10C865A/2020|2020-12-16|EPI_ISL_727880|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/NORW-E789E/2020|2020-05-05|EPI_ISL_449080|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5256/2020|2020-09-07|EPI_ISL_615187|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-C324D0/2020|2020-12-11|EPI_ISL_782638|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC741/2020|2020-03-20|EPI_ISL_451456|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Belgium/reg-0722817/2020|2020-07-22|EPI_ISL_734821|Original|hCoV-19^^Sint-Genesius-Rode|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Scotland/QEUA-A78607/2020|2020-10-14|EPI_ISL_638978|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-B2C935/2020|2020-11-03|EPI_ISL_646783|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8217011/2020|2020-10-29|EPI_ISL_744705|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Chile/RM-153915/2020|2020-08-18|EPI_ISL_746654|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/TX-HMH-MCoV-15210/2020|2020-10-20|EPI_ISL_786694|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/NW-HHU-263/2020|2020-09-21|EPI_ISL_631351|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Belgium/ULG-10208/2020|2020-05-15|EPI_ISL_484697|Original|hCoV-19^^Belgium|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-15481/2020|2020-11-23|EPI_ISL_713847|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-126F33/2020|2020-04-23|EPI_ISL_469742|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC16857/2020|2020-08-20|EPI_ISL_663609|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-MEPHI-2281/2020|2020-08-03|EPI_ISL_644532|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/QEUA-C32670/2020|2020-12-10|EPI_ISL_782565|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BDCAC8/2020|2020-11-27|EPI_ISL_709777|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012025968/2020|2020-07-27|EPI_ISL_745704|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUA-997F80/2020|2020-08-27|EPI_ISL_568391|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A4D252/2020|2020-10-07|EPI_ISL_596105|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-B24D04/2020|2020-11-04|EPI_ISL_646831|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R12597-20/2020|2020-06-16|EPI_ISL_504198|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Switzerland/VD-ETHZ-260191/2020|2020-08-27|EPI_ISL_539479|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-UW-623/2020|2020-06-24|EPI_ISL_484998|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Indonesia/SA-EIJK-12/2020|2020-03-27|EPI_ISL_568694|Original|hCoV-19^^North Sulawesi|Human|RSUP Prof. Dr. R. Kandou Manado|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/England/ALDP-9560A8/2020|2020-06-08|EPI_ISL_554029|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012442/2020|2020-11-27|EPI_ISL_780077|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-C440C8/2020|2020-12-10|EPI_ISL_719278|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201100060/2020|2020-03-06|EPI_ISL_464636|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC17904/2020|2020-08-25|EPI_ISL_779547|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/USA/TX-HMH-1780/2020|2020-05-07|EPI_ISL_542834|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-48FE83/2020|2020-11-11|EPI_ISL_681241|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B36473/2020|2020-11-05|EPI_ISL_645290|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9555AA/2020|2020-06-12|EPI_ISL_553373|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10869/2020|2020-11-02|EPI_ISL_670256|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9B5669/2020|2020-09-03|EPI_ISL_590406|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CADDD5/2020|2020-12-19|EPI_ISL_761191|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8460/2020|2020-07-01|EPI_ISL_780572|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-672/2020|2020-03-27|EPI_ISL_437032|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Italy/APU-IZSPB_305PT/2020|2020-11-03|EPI_ISL_653799|Original|hCoV-19^^Apulia|Human|I.R.C.C.S. \S. De Bellis\ - Ente Ospedaliero|Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata|Parisi|Italy

>Spike|hCoV-19/Wales/PHWC-487173/2020|2020-10-13|EPI_ISL_639168|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CD69/2020|2020-11-01|EPI_ISL_645795|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7DAAC/2020|2020-10-13|EPI_ISL_606380|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2039/2020|2020-03-23|EPI_ISL_477697|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Thailand/Bangkok-0078/2020|2020-04-01|EPI_ISL_447019|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Denmark/DCGC-22629/2020|2020-12-14|EPI_ISL_757502|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/MILK-99C48C/2020|2020-08-26|EPI_ISL_550726|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20179043904/2020|2020-04-25|EPI_ISL_527349|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/England/20118070604/2020|2020-03-12|EPI_ISL_464939|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S136/2020|2020-03-13|EPI_ISL_430173|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-CBF9CD/2020|2020-12-20|EPI_ISL_778043|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0324/2020|2020-11-30|EPI_ISL_755453|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/20198067904/2020|2020-05-07|EPI_ISL_465637|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-1B586B/2020|2020-06-30|EPI_ISL_512332|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MD-HP00377/2020|2020-04-02|EPI_ISL_511868|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/Portugal/PT1740/2020|2020-11-09|EPI_ISL_731977|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/UT-UPHL-2012661787/2020|2020-08-03|EPI_ISL_745642|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22587/2020|2020-11-19|EPI_ISL_737160|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-A64E06/2020|2020-10-10|EPI_ISL_608407|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97010146/2020|2020-11-03|EPI_ISL_683615|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-4965/2020|2020-09-21|EPI_ISL_621503|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC427/2020|2020-03-25|EPI_ISL_426727|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Brazil/SP-L5-CAMPI99/2020|2020-04-25|EPI_ISL_476425|Original|hCoV-19^^S\u00e3o Paulo|Human|Laborat\u00f3rio de Patologia Cl\u00ednica - UNICAMP|Laborat\u00f3rio de Estudos de V\u00edrus Emergentes - UNICAMP|Sabino|Brazil

>Spike|hCoV-19/Belgium/regal-12141403/2020|2020-12-14|EPI_ISL_738455|Original|hCoV-19^^Arendonk|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Luxembourg/LNS0087318/2020|2020-11-10|EPI_ISL_739709|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NORW-E9E6D/2020|2020-05-03|EPI_ISL_448374|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC1157/2020|2020-04-09|EPI_ISL_430598|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9BA79E/2020|2020-09-09|EPI_ISL_573602|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-BB2433/2020|2020-11-18|EPI_ISL_720083|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BDED2/2020|2020-09-10|EPI_ISL_568064|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-18220V/2020|2020-05-28|EPI_ISL_524017|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUA-9B0E48/2020|2020-09-03|EPI_ISL_560046|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D1657-1/2020|2020-04-02|EPI_ISL_527442|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/CA-CDPH051/2020|2020-05-26|EPI_ISL_754953|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/IL_1375/2020|2020-03-01|EPI_ISL_420789|Original|hCoV-19^^Illinois|Human|Illinois Department of Public Health Chicago Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Denmark/DCGC-20481/2020|2020-12-21|EPI_ISL_758960|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20247/2020|2020-03-21|EPI_ISL_447217|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FB92B/2020|2020-09-01|EPI_ISL_585251|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18337/2020|2020-12-07|EPI_ISL_749227|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-4912/2020|2020-09-21|EPI_ISL_621450|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYUMC470/2020|2020-04-16|EPI_ISL_435535|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FF6D5/2020|2020-04-23|EPI_ISL_469858|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0204/2020|2020-07-09|EPI_ISL_569932|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Spain/MD-H12-37/2020|2020-04-01|EPI_ISL_529972|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/India/WB-IK88/2020|2020-05-19|EPI_ISL_508406|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Belgium/reg-10191131/2020|2020-10-19|EPI_ISL_735162|Original|hCoV-19^^Leuven|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-BAAA69/2020|2020-11-17|EPI_ISL_681617|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26791780/2020|2020-04-04|EPI_ISL_485386|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Bahrain/920338796/2020|2020-10-11|EPI_ISL_681312|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/QEUA-9A4339/2020|2020-09-01|EPI_ISL_540161|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-31232/2020|2020-10-12|EPI_ISL_735467|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/AZ-TG664237/2020|2020-04-27|EPI_ISL_696042|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC2451/2020|2020-06-28|EPI_ISL_522157|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/AR-IBV-2423/2020|2020-03-24|EPI_ISL_468859|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-12566/2020|2020-11-16|EPI_ISL_682747|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-944544/2020|2020-06-07|EPI_ISL_554664|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AS-MG-80-19/2020|2020-05-30|EPI_ISL_462997|Original|hCoV-19^^Asturias|Human|Molecular Genetics|Molecular Genetics|Submitter|Spain

>Spike|hCoV-19/England/CAMC-B9A3E9/2020|2020-11-15|EPI_ISL_673255|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20108152504/2020|2020-03-03|EPI_ISL_464485|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-A8626/2020|2020-03-27|EPI_ISL_517191|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20308/2020|2020-11-16|EPI_ISL_729645|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Scotland/CVR5528/2020|2020-11-01|EPI_ISL_651829|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Indonesia/JI-ITDua-1006NTv/2020|2020-03-27|EPI_ISL_759961|Vero P1|hCoV-19^^East Java|Human|Universitas Airlangga Hospital|Institute of Tropical Disease|Shimizu|Indonesia

>Spike|hCoV-19/United Arab Emirates/0988/2020|2020-06-10|EPI_ISL_699121|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/MILK-A5607A/2020|2020-10-08|EPI_ISL_595132|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Canada/ON-CVD00891/2020|2020-04-16|EPI_ISL_586273|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/TX-HMH-2843/2020|2020-06-07|EPI_ISL_543814|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/NSW559/2020|2020-03-22|EPI_ISL_455098|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-22235/2020|2020-12-14|EPI_ISL_757971|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/ZH-RIVM-10310/2020|2020-00-00|EPI_ISL_636592|Original|hCoV-19^^ZuidHolland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC21069/2020|2020-03-25|EPI_ISL_507845|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Germany/BE-ChVir-W1418-8203/2020|2020-06-30|EPI_ISL_753960|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/PG-0660/2020|2020-04-00|EPI_ISL_684270|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZuidHolland_129/2020|2020-04-25|EPI_ISL_461302|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/LA-EVTL1322/2020|2020-12-11|EPI_ISL_778988|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Colombia/TOL-INS-0345-T20/2020|2020-04-14|EPI_ISL_526963|Original|hCoV-19^^Tolima|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Australia/SAP168/2020|2020-03-19|EPI_ISL_492119|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/ALDP-B241CC/2020|2020-11-04|EPI_ISL_646956|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2764/2020|2020-06-27|EPI_ISL_582868|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-15-2/2020|2020-06-21|EPI_ISL_523024|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B8D501/2020|2020-11-13|EPI_ISL_673990|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12FB45/2020|2020-04-03|EPI_ISL_488423|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8793/2020|2020-07-31|EPI_ISL_565199|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC1506/2020|2020-04-30|EPI_ISL_456470|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Spain/AN-IBV-002017/2020|2020-03-16|EPI_ISL_509628|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ella. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/GA-QDX-152/2020|2020-03-13|EPI_ISL_467848|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-21898/2020|2020-12-21|EPI_ISL_758440|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-C72234/2020|2020-12-15|EPI_ISL_769192|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/TA-UHL134/2020|2020-04-08|EPI_ISL_681765|Original|hCoV-19^^Tipperary|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/UT-UPHL-2009178/2020|2020-05-28|EPI_ISL_525164|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/205120775/2020|2020-12-12|EPI_ISL_766311|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20114/2020|2020-12-07|EPI_ISL_747732|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D4A07/2020|2020-04-10|EPI_ISL_444168|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012397233/2020|2020-11-27|EPI_ISL_746881|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/England/QEUEH-9DC6B7/2020|2020-09-21|EPI_ISL_580939|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A524FA/2020|2020-10-07|EPI_ISL_598100|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC15639/2020|2020-08-01|EPI_ISL_593392|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/204781016/2020|2020-11-18|EPI_ISL_678750|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA939/2020|2020-11-23|EPI_ISL_703266|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/859/2020|2020-08-17|EPI_ISL_527368|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_6841/2020|2020-04-29|EPI_ISL_774906|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/England/QEUEH-9B9E21/2020|2020-09-07|EPI_ISL_549588|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14632/2020|2020-11-16|EPI_ISL_738975|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/201180478/2020|2020-03-10|EPI_ISL_464918|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19527/2020|2020-12-07|EPI_ISL_749008|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B6A19/2020|2020-10-05|EPI_ISL_584322|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2674/2020|2020-03-16|EPI_ISL_604914|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/SHEF-C19C4/2020|2020-11-26|EPI_ISL_706992|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/LIVE-A4FC5/2020|2020-03-06|EPI_ISL_500100|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Germany/BY-ChVir-W1057-5795/2020|2020-03-27|EPI_ISL_754025|Original|hCoV-19^^Bavaria|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Japan/IC-0489/2020|2020-12-00|EPI_ISL_768698|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9E9F8F/2020|2020-09-24|EPI_ISL_580180|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B93EE/2020|2020-11-03|EPI_ISL_651707|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-A7A957/2020|2020-10-15|EPI_ISL_606417|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1614/2020|2020-05-07|EPI_ISL_456523|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2008932/2020|2020-05-22|EPI_ISL_525037|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-9EC195/2020|2020-09-24|EPI_ISL_580485|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15560/2020|2020-10-26|EPI_ISL_787044|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-2921E0/2020|2020-05-07|EPI_ISL_489074|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03200/2020|2020-05-06|EPI_ISL_575266|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Brazil/SP-155/2020|2020-04-18|EPI_ISL_515559|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital Sao Paulo de Ensino da Unifesp|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/VA-DCLS-1154/2020|2020-07-23|EPI_ISL_522821|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/CAMC-945B6F/2020|2020-07-15|EPI_ISL_556714|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AA141/2020|2020-03-23|EPI_ISL_517408|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4805/2020|2020-04-01|EPI_ISL_730153|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-DSHS-1198/2020|2020-03-17|EPI_ISL_631660|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Denmark/DCGC-15742/2020|2020-11-23|EPI_ISL_713199|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99D46D/2020|2020-08-30|EPI_ISL_549889|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1685AC/2020|2020-04-19|EPI_ISL_494257|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10191/2020|2020-06-01|EPI_ISL_570276|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-C88F52/2020|2020-12-17|EPI_ISL_756471|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/4121/2020|2020-10-01|EPI_ISL_635094|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/ALDP-950CD7/2020|2020-06-14|EPI_ISL_554518|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6140/2020|2020-09-21|EPI_ISL_621174|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-25A70/2020|2020-03-23|EPI_ISL_422341|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10141/2020|2020-11-09|EPI_ISL_669413|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-24930/2020|2020-08-12|EPI_ISL_570773|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-BFB4D4/2020|2020-12-04|EPI_ISL_709246|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5100/2020|2020-03-30|EPI_ISL_456971|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/LIVE-DB5FF1/2020|2020-11-07|EPI_ISL_650809|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14695/2020|2020-11-23|EPI_ISL_711395|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7A58A/2020|2020-04-02|EPI_ISL_441230|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8374303/2020|2020-12-22|EPI_ISL_771054|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WI-QDX-193/2020|2020-04-30|EPI_ISL_494549|Original|hCoV-19^^Wisconsin|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/SHEF-CD9D7/2020|2020-05-28|EPI_ISL_535080|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC14932/2020|2020-08-18|EPI_ISL_593067|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/HI-H200480/2020|2020-09-10|EPI_ISL_753022|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Scotland/QEUH-96DD89/2020|2020-08-21|EPI_ISL_534539|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S251/2020|2020-03-27|EPI_ISL_755835|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/GSTT-265D150/2020|2020-03-14|EPI_ISL_483916|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/AZ-TG316209/2020|2020-05-18|EPI_ISL_694329|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-9E05D1/2020|2020-09-20|EPI_ISL_601410|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-123349/2020|2020-04-05|EPI_ISL_442665|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-20689/2020|2020-12-23|EPI_ISL_790757|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Panama/333517/2020|2020-03-27|EPI_ISL_496745|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/MILK-BB104F/2020|2020-11-17|EPI_ISL_720159|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/202880975/2020|2020-07-02|EPI_ISL_566061|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Thailand/Trang_5008/2020|2020-03-23|EPI_ISL_455588|Vero P1|hCoV-19^^Trang|Human|Trang Hospital|National Institute of Health. Department of medical Sciences|Phuygun|Thailand

>Spike|hCoV-19/USA/ME-HETL-J0339/2020|2020-11-24|EPI_ISL_755467|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Singapore/1306/2020|2020-05-16|EPI_ISL_648793|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-A84A66/2020|2020-10-18|EPI_ISL_610600|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14441/2020|2020-11-30|EPI_ISL_711133|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10CA263/2020|2020-12-03|EPI_ISL_741968|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/India/WB-IK10/2020|2020-04-14|EPI_ISL_508339|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/ALDP-B84DE4/2020|2020-11-14|EPI_ISL_675777|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3086/2020|2020-09-02|EPI_ISL_635838|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-129E51/2020|2020-04-15|EPI_ISL_458507|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11860/2020|2020-10-26|EPI_ISL_671183|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C88F8F/2020|2020-12-17|EPI_ISL_756537|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-16-13/2020|2020-06-21|EPI_ISL_523031|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-UM-10036540841/2020|2020-10-20|EPI_ISL_640154|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/CAMC-B36042/2020|2020-11-05|EPI_ISL_645219|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-410101/2020|2020-12-14|EPI_ISL_737451|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Czech Republic/NRL_8118-6/2020|2020-08-06|EPI_ISL_577627|Original|hCoV-19^^Northern Bohemia Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/BRIS-127D56/2020|2020-04-17|EPI_ISL_469763|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7671/2020|2020-07-17|EPI_ISL_564566|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48CFFC/2020|2020-11-01|EPI_ISL_666565|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Chile/RM-157480/2020|2020-08-21|EPI_ISL_746675|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Australia/WA97/2020|2020-03-27|EPI_ISL_512750|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/NORT-293FB8/2020|2020-07-22|EPI_ISL_573333|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1172/2020|2020-12-16|EPI_ISL_763247|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-8782/2020|2020-07-01|EPI_ISL_780748|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MGH-00678/2020|2020-03-22|EPI_ISL_460118|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Scotland/QEUA-AD2665/2020|2020-10-26|EPI_ISL_644016|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1256/2020|2020-12-18|EPI_ISL_740887|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-4926/2020|2020-09-21|EPI_ISL_621464|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13772/2020|2020-08-17|EPI_ISL_788865|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Lithuania/C20-05-R11/2020|2020-05-18|EPI_ISL_560392|Original|hCoV-19^^Vilnius|Human|Vilnius University Hospital Santaros Klinikos|Institute of Biotechnology|Timinskas|Lithuania

>Spike|hCoV-19/England/ALDP-AA078B/2020|2020-10-22|EPI_ISL_623967|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001197/2020|2020-10-30|EPI_ISL_683772|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/CVR2082/2020|2020-04-10|EPI_ISL_484556|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6086/2020|2020-10-05|EPI_ISL_620280|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4334/2020|2020-07-00|EPI_ISL_692562|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MA-MGH-00420/2020|2020-03-07|EPI_ISL_460245|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/TX-DSHS-1638/2020|2020-06-24|EPI_ISL_710061|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-B83125/2020|2020-11-14|EPI_ISL_675579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-33040/2020|2020-04-14|EPI_ISL_446727|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15FD73/2020|2020-05-20|EPI_ISL_472852|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS8066882/2020|2020-12-28|EPI_ISL_770851|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-CB34E6/2020|2020-12-20|EPI_ISL_761316|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B80F1F/2020|2020-11-14|EPI_ISL_668102|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3525/2020|2020-08-31|EPI_ISL_616316|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Shanghai/SH0101/2020|2020-02-09|EPI_ISL_416393|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/South Africa/KRISP-K002171/2020|2020-07-08|EPI_ISL_515573|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/WA-NH7/2020|2020-03-13|EPI_ISL_418776|Original|hCoV-19^^Washington|Human|WA State Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Singapore/934/2020|2020-03-31|EPI_ISL_538466|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/NOTT-11A0D5/2020|2020-11-04|EPI_ISL_638589|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Switzerland/BL-UHB-BS-42169471/2020|2020-02-28|EPI_ISL_418273|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/LA-EVTL281/2020|2020-08-26|EPI_ISL_574415|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUEH-95DFD1/2020|2020-08-07|EPI_ISL_537000|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18171/2020|2020-12-14|EPI_ISL_749794|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0320/2020|2020-05-04|EPI_ISL_467931|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Canada/QC_AD4/2020|2020-04-11|EPI_ISL_444514|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/mink/Denmark/AL3-Farm1/2020|2020-06-14|EPI_ISL_626342|Original|hCoV-19^^Denmark|Neovison vison|Statens Serum Institute|Statens Serum Institute|Rasmussen|Denmark

>Spike|hCoV-19/England/ALDP-A6F9EC/2020|2020-10-14|EPI_ISL_607761|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1112D8/2020|2020-03-04|EPI_ISL_453644|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/France/BRE-8948/2020|2020-08-06|EPI_ISL_560615|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Scotland/QEUEH-AAE802/2020|2020-10-22|EPI_ISL_644094|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-A0BF2C/2020|2020-10-03|EPI_ISL_599325|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/2828/2020|2020-06-29|EPI_ISL_493381|Original|hCoV-19^^Norway|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-A92D99/2020|2020-10-19|EPI_ISL_611268|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15501/2020|2020-10-23|EPI_ISL_786985|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/VC-IBV-98003521/2020|2020-03-27|EPI_ISL_537957|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CO-CDPHE-2005220166/2020|2020-05-21|EPI_ISL_710303|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Poland/PL_MCB_96/2020|2020-05-10|EPI_ISL_645095|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland

>Spike|hCoV-19/Germany/BE-ChVir-D1983-4479/2020|2020-09-26|EPI_ISL_753819|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/Netherlands/UT-EMC-222/2020|2020-12-08|EPI_ISL_722461|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B5503E/2020|2020-11-04|EPI_ISL_657962|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9755/2020|2020-11-09|EPI_ISL_668485|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LEED-2A9939/2020|2020-04-11|EPI_ISL_538834|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-137CFC/2020|2020-00-00|EPI_ISL_540581|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2B75A/2020|2020-10-31|EPI_ISL_646593|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6700/2020|2020-06-24|EPI_ISL_546179|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/PAC-IHU-0391/2020|2020-03-29|EPI_ISL_569485|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u0192Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-DSHS-0131/2020|2020-06-11|EPI_ISL_522958|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/India/DL-NCDC7085-CSIR-IGIB/2020|2020-05-27|EPI_ISL_482627|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Norway/5411/2020|2020-10-30|EPI_ISL_775327|Original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Luxembourg/LNS9749716/2020|2020-12-03|EPI_ISL_770980|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/TX-HMH-MCoV-15885/2020|2020-07-10|EPI_ISL_785569|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-12D3F4/2020|2020-05-04|EPI_ISL_481878|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-21495/2020|2020-05-27|EPI_ISL_615077|Original|hCoV-19^^Uppsala|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/India/MH-NIV-981/2020|2020-03-10|EPI_ISL_452213|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/USA/LA-SR0288/2020|2020-04-01|EPI_ISL_445143|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-9E68F0/2020|2020-09-24|EPI_ISL_580319|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC4A5A/2020|2020-11-25|EPI_ISL_703846|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0875/2020|2020-03-27|EPI_ISL_511134|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WA-UW-26866/2020|2020-09-02|EPI_ISL_570557|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-9C4F20/2020|2020-09-10|EPI_ISL_567607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200100/2020|2020-03-29|EPI_ISL_471264|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease

Division|Wisconsin State Laboratory of Hygiene Communicable Disease
Division|Florek|USA
>Spike|hCoV-19/Netherlands/Gelderland_163/2020|2020-05-26|EPI_ISL_460923|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/USA/UT-UPHL-2008791/2020|2020-05-22|EPI_ISL_524818|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA
>Spike|hCoV-19/England/204742480/2020|2020-11-17|EPI_ISL_683543|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom
>Spike|hCoV-19/USA/NV-NSPHL-A0156/2020|2020-05-14|EPI_ISL_515420|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA
>Spike|hCoV-19/England/MILK-AC7D9B/2020|2020-10-21|EPI_ISL_629372|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-47D152/2020|2020-10-10|EPI_ISL_586104|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/MI-UM-10036322730/2020|2020-10-07|EPI_ISL_610067|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA
>Spike|hCoV-19/India/TG-CCMB-J300/2020|2020-04-03|EPI_ISL_458080|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India
>Spike|hCoV-19/France/ARA-CDP29592/2020|2020-08-31|EPI_ISL_582115|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France
>Spike|hCoV-19/Brazil/SP-163/2020|2020-08-15|EPI_ISL_523959|Original|hCoV-19^^S\u00e3o Paulo|Human|Pronto Socorro Municipal de Perus|Instituto Adolfo Lutz|Sacchi|Brazil
>Spike|hCoV-19/USA/WI-WSLH-200164/2020|2020-03-31|EPI_ISL_578390|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA
>Spike|hCoV-19/USA/NY-Wadsworth-13468-02/2020|2020-03-11|EPI_ISL_426294|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA
>Spike|hCoV-19/England/QEUH-78AC4F/2020|2020-07-15|EPI_ISL_533142|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Japan/PG-4559/2020|2020-07-00|EPI_ISL_689696|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/VIC10819/2020|2020-07-30|EPI_ISL_563108|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Vietnam/VNHN_4806/2020|2020-04-08|EPI_ISL_455711|Original|hCoV-19^^Vinhphuc|Human|National Hospital of Tropical Diseases|Oxford University Clinical Research Unit|Nguyen|Vietnam
>Spike|hCoV-19/England/CAMC-B52945/2020|2020-11-08|EPI_ISL_657678|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B1B26B/2020|2020-11-02|EPI_ISL_645665|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/NOTT-116F63/2020|2020-10-20|EPI_ISL_612575|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-935959/2020|2020-06-21|EPI_ISL_552835|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-681/2020|2020-03-19|EPI_ISL_571410|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-1692E0/2020|2020-06-02|EPI_ISL_499402|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A9F5C1/2020|2020-10-20|EPI_ISL_611425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1103F4/2020|2020-04-17|EPI_ISL_441511|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1386/2020|2020-06-23|EPI_ISL_678064|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/MI-QDX-2316/2020|2020-03-15|EPI_ISL_604699|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-AC7C61/2020|2020-10-22|EPI_ISL_634512|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C44BE5/2020|2020-12-10|EPI_ISL_718334|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94CFC6/2020|2020-06-16|EPI_ISL_555974|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-IGI-0112/2020|2020-06-03|EPI_ISL_495134|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Shivram|USA

>Spike|hCoV-19/Germany/HH-hpi-p1634/2020|2020-03-17|EPI_ISL_775764|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/ALDP-CBF5D8/2020|2020-12-20|EPI_ISL_760565|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E3B2/2020|2020-10-15|EPI_ISL_607191|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036855279/2020|2020-11-09|EPI_ISL_728507|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22302/2020|2020-11-10|EPI_ISL_708278|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-220011/2020|2020-07-27|EPI_ISL_511998|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-15138/2020|2020-10-16|EPI_ISL_786622|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B52A60/2020|2020-11-09|EPI_ISL_657525|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-SC244/2020|2020-04-04|EPI_ISL_641529|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|CHU de Nice - H\u00f4pital Archet 11|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-10852/2020|2020-11-02|EPI_ISL_669491|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-73633/2020|2020-03-21|EPI_ISL_440015|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-S2252/2020|2020-06-09|EPI_ISL_497680|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/South Africa/KRISP-K004035/2020|2020-10-14|EPI_ISL_635016|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/India/MH-NIV-57622/2020|2020-06-10|EPI_ISL_541726|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/Australia/VIC3340/2020|2020-07-08|EPI_ISL_521019|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUEH-962B3F/2020|2020-08-11|EPI_ISL_531802|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4320/2020|2020-07-00|EPI_ISL_692548|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0359/2020|2020-06-13|EPI_ISL_538296|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-A89C98/2020|2020-10-16|EPI_ISL_638820|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2F8BD/2020|2020-11-03|EPI_ISL_660059|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-251B7/2020|2020-03-22|EPI_ISL_420976|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-628/2020|2020-07-10|EPI_ISL_730082|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Australia/VIC4020/2020|2020-07-10|EPI_ISL_519406|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-PHL-4464/2020|2020-03-00|EPI_ISL_418335|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/Wales/PHWC-4818ED/2020|2020-10-16|EPI_ISL_613122|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2009/2020|2020-06-12|EPI_ISL_653162|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-QDX-1963/2020|2020-03-16|EPI_ISL_604272|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Brazil/RJ-00346/2020|2020-05-08|EPI_ISL_623149|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/France/PAC-IHU-1344/2020|2020-08-19|EPI_ISL_569128|Original|hCoV-19^^Provence-Alpes-C\00f4te-d\02019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/India/MH-ACTREC-033/2020|2020-05-07|EPI_ISL_699689|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Canada/ON-S2005/2020|2020-11-24|EPI_ISL_755710|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUA-AF2939/2020|2020-10-30|EPI_ISL_662750|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9ED4C8/2020|2020-05-05|EPI_ISL_589392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D1F8/2020|2020-10-10|EPI_ISL_586111|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-S836/2020|2020-04-00|EPI_ISL_591241|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-18046/2020|2020-11-12|EPI_ISL_786194|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-SR0184/2020|2020-03-23|EPI_ISL_437594|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-6091/2020|2020-06-25|EPI_ISL_547230|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-BCBD87/2020|2020-11-27|EPI_ISL_704045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB6F2/2020|2020-11-20|EPI_ISL_664610|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-C46B3E/2020|2020-12-10|EPI_ISL_718482|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-302/2020|2020-03-21|EPI_ISL_571046|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Latvia/012/2020|2020-03-23|EPI_ISL_437091|Original|hCoV-19^^Latvia|Human|Latvijas Infektolo\u0123ijas centrs|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Netherlands/NB-EMC-318/2020|2020-07-02|EPI_ISL_632359|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WI-GMF-30826/2020|2020-11-02|EPI_ISL_661058|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-A7D6F3/2020|2020-10-13|EPI_ISL_606323|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1506/2020|2020-04-00|EPI_ISL_685113|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW125/2020|2020-03-23|EPI_ISL_427785|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-28E9F/2020|2020-04-03|EPI_ISL_445453|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV29457/2020|2020-05-23|EPI_ISL_481129|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/England/QEUA-96DF74/2020|2020-08-18|EPI_ISL_530511|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B405EC/2020|2020-11-08|EPI_ISL_657160|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21666/2020|2020-07-12|EPI_ISL_516393|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMB-7804F/2020|2020-04-01|EPI_ISL_441803|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0136/2020|2020-05-18|EPI_ISL_698323|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/BIRM-66E68/2020|2020-10-23|EPI_ISL_651598|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUA-897622/2020|2020-07-28|EPI_ISL_532812|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10013/2020|2020-11-09|EPI_ISL_669334|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KDCA0334/2020|2020-10-18|EPI_ISL_760120|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/USA/AZ-TG376426/2020|2020-06-15|EPI_ISL_694615|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/LA-EVTL783/2020|2020-07-21|EPI_ISL_653474|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Poland/77203/2020|2020-11-00|EPI_ISL_732897|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/USA/CA-QDX-2520/2020|2020-03-17|EPI_ISL_604764|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WI-UW-2376/2020|2020-10-30|EPI_ISL_728142|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/VA-DCLS-1925/2020|2020-10-12|EPI_ISL_614070|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Kenya/C5335/2020|2020-05-10|EPI_ISL_568762|Original|hCoV-19^^Mombasa|Human|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|KEMRI-Wellcome Trust Research Programme|KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/England/CAMB-1B5B71/2020|2020-08-13|EPI_ISL_516999|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A007C5/2020|2020-10-02|EPI_ISL_600190|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E1813/2020|2020-09-19|EPI_ISL_577410|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-CB58F7/2020|2020-12-18|EPI_ISL_761876|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B1450F/2020|2020-11-03|EPI_ISL_641789|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08439/2020|2020-05-20|EPI_ISL_524214|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/DE-DHSS-F970937/2020|2020-06-17|EPI_ISL_693754|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Scotland/EDB8325/2020|2020-10-05|EPI_ISL_611685|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WA-UW46/2020|2020-03-09|EPI_ISL_415611|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LIVE-AA949/2020|2020-08-09|EPI_ISL_540587|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CWAR-24DFDC3/2020|2020-06-14|EPI_ISL_584556|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FC702/2020|2020-04-21|EPI_ISL_459367|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020317186/2020|2020-08-28|EPI_ISL_732725|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/USA/OH-ODH-SC35551/2020|2020-04-26|EPI_ISL_776774|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/England/ALDP-A51C6C/2020|2020-10-07|EPI_ISL_598191|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-ISCI-III-201920/2020|2020-03-05|EPI_ISL_455354|Original|hCoV-19^^Basque Country|Human|Hospital de Cruces|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/Switzerland/GE-ETHZ-350280/2020|2020-10-30|EPI_ISL_728815|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-9D3ED6/2020|2020-09-18|EPI_ISL_601494|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-79327/2020|2020-04-03|EPI_ISL_441154|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-380276/2020|2020-11-22|EPI_ISL_721784|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Iceland/504/2020|2020-03-21|EPI_ISL_424526|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/LA-GBCL-26556550/2020|2020-04-15|EPI_ISL_485185|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/TX-HMH-2868/2020|2020-06-07|EPI_ISL_543838|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16968/2020|2020-12-14|EPI_ISL_750216|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-81D8E2/2020|2020-07-18|EPI_ISL_557281|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94DDF8/2020|2020-06-20|EPI_ISL_555668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AE1F0E/2020|2020-10-27|EPI_ISL_649645|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/G-NVRL-75IRL85497/2020|2020-10-14|EPI_ISL_671903|Original|hCoV-19^^Galway|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/QEUH-B138BC/2020|2020-10-31|EPI_ISL_641667|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5111/2020|2020-07-20|EPI_ISL_519914|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-2011/2020|2020-05-01|EPI_ISL_486266|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/LIVE-A8161/2020|2020-03-26|EPI_ISL_517121|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K003389/2020|2020-09-10|EPI_ISL_602777|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Wales/CVR4772/2020|2020-09-21|EPI_ISL_627345|Original|hCoV-19^^Wales|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Japan/PG-4379/2020|2020-06-00|EPI_ISL_692606|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-2691/2020|2020-06-06|EPI_ISL_545479|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-8308/2020|2020-08-00|EPI_ISL_687407|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5894/2020|2020-10-05|EPI_ISL_620159|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ACE2B3/2020|2020-10-22|EPI_ISL_629722|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1A50/2020|2020-11-18|EPI_ISL_720536|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F962D/2020|2020-09-25|EPI_ISL_589132|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-363/2020|2020-08-01|EPI_ISL_523703|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-19628/2020|2020-11-24|EPI_ISL_783993|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/India/TG-CCMB-L1806/2020|2020-06-02|EPI_ISL_471634|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Australia/VIC12446/2020|2020-08-01|EPI_ISL_640363|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WI-UW-114/2020|2020-03-30|EPI_ISL_425171|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-1205/2020|2020-03-31|EPI_ISL_542585|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-IGI-0604/2020|2020-07-31|EPI_ISL_677843|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/MA-MASPHL-00236/2020|2020-04-16|EPI_ISL_791681|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Russia/SVE-RII-MH210S/2020|2020-07-22|EPI_ISL_560316|Original|hCoV-19^^Sverdlovsk|Human|UMMC-Health|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Spain/MD-IBV-99008634/2020|2020-09-29|EPI_ISL_654163|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Norway/2834/2020|2020-06-29|EPI_ISL_493387|Original|hCoV-19^^Norway|Human|Oslo University Hospital|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/TX-HMH-MCoV-19804/2020|2020-11-21|EPI_ISL_784138|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BIRM-611BF/2020|2020-06-03|EPI_ISL_473438|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Australia/VIC4504/2020|2020-07-14|EPI_ISL_518915|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-7F8E6/2020|2020-04-18|EPI_ISL_433478|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD918/2020|2020-05-02|EPI_ISL_448024|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-7752/2020|2020-04-00|EPI_ISL_686854|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC7719/2020|2020-07-30|EPI_ISL_564602|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14102/2020|2020-08-14|EPI_ISL_787388|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-C61EF8/2020|2020-12-13|EPI_ISL_735591|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4875/2020|2020-07-13|EPI_ISL_519258|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Brazil/SP-826/2020|2020-03-26|EPI_ISL_776761|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Central|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/DRC/11341/2020|2020-05-25|EPI_ISL_527509|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/QEUH-B7E961/2020|2020-11-14|EPI_ISL_667849|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-84602/2020|2020-04-16|EPI_ISL_443648|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MN-GMF-16946/2020|2020-08-24|EPI_ISL_547733|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/MILK-6A134E/2020|2020-07-02|EPI_ISL_551830|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC243/2020|2020-03-21|EPI_ISL_419938|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/mink/Netherlands/NB-EMC-29-20/2020|2020-08-12|EPI_ISL_577758|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MI-MDHHS-SC20514/2020|2020-04-12|EPI_ISL_460562|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Belgium/reg-0411471/2020|2020-04-11|EPI_ISL_476981|Original|hCoV-19^^La Louviere|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/India/DL-NCDC7512-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482634|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/USA/TX-HMH-5300/2020|2020-06-19|EPI_ISL_544663|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-BC7C42/2020|2020-11-23|EPI_ISL_721294|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74F69/2020|2020-11-12|EPI_ISL_664919|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-A7A4FC/2020|2020-10-15|EPI_ISL_606620|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0407282/2020|2020-04-07|EPI_ISL_464076|Original|hCoV-19^^Rebecq|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/QEUEH-AEF97B/2020|2020-10-29|EPI_ISL_662859|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18961/2020|2020-12-07|EPI_ISL_748668|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20149007404/2020|2020-03-31|EPI_ISL_466127|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11331/2020|2020-11-02|EPI_ISL_670844|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4014/2020|2020-07-10|EPI_ISL_519400|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B0C42B/2020|2020-10-29|EPI_ISL_643590|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A82EA8/2020|2020-10-13|EPI_ISL_610691|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D1AC/2020|2020-11-09|EPI_ISL_678866|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/QLD1204/2020|2020-03-18|EPI_ISL_639795|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/MILK-B0653D/2020|2020-10-24|EPI_ISL_652238|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9DC49F/2020|2020-09-22|EPI_ISL_601139|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AAB51D/2020|2020-10-20|EPI_ISL_651088|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A1DCA/2020|2020-12-12|EPI_ISL_743815|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Gibraltar/205121198/2020|2020-00-00|EPI_ISL_766328|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/NORW-F0434/2020|2020-09-29|EPI_ISL_577100|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18838/2020|2020-12-07|EPI_ISL_748588|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/France/HDF-3598/2020|2020-03-24|EPI_ISL_428358|Original|hCoV-19^^Hauts-de-France|Human|CH Jeanne de Navarre Laboratoire de Biologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Wales/PHWC-2B412/2020|2020-04-11|EPI_ISL_445708|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8595/2020|2020-10-26|EPI_ISL_625958|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Shanghai/SH0128/2020|2020-02-02|EPI_ISL_416409|Original|hCoV-19^^Shanghai|Human|Shanghai Public Health Clinical Center|National Research Center for Translational Medicine (Shanghai)|Zhang|China

>Spike|hCoV-19/USA/MN-MDH-1848/2020|2020-10-01|EPI_ISL_602983|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/South Korea/KCDC2457/2020|2020-06-08|EPI_ISL_514860|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-943F56/2020|2020-06-07|EPI_ISL_554820|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BE93FA/2020|2020-12-02|EPI_ISL_708927|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7BD69/2020|2020-10-15|EPI_ISL_607324|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A02532/2020|2020-09-29|EPI_ISL_584911|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/CVR4637/2020|2020-09-24|EPI_ISL_611871|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1675/2020|2020-05-29|EPI_ISL_471621|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/USA/MO-WUSTL037/2020|2020-06-19|EPI_ISL_493072|Original|hCoV-19^^Missouri|Human|Washington University in St. Louis|Washington University in St. Louis|Tahan|USA

>Spike|hCoV-19/USA/CA-CZB-2467/2020|2020-05-19|EPI_ISL_513872|Original|hCoV-19^^California|Human|San Francisco Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/UT-0100/2020|2020-03-15|EPI_ISL_430038|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-5705/2020|2020-09-21|EPI_ISL_621210|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036522216/2020|2020-10-19|EPI_ISL_628884|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/QEUA-9B3CC3/2020|2020-09-07|EPI_ISL_572914|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42190971/2020|2020-03-14|EPI_ISL_528081|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/EXET-13F0BC/2020|2020-12-15|EPI_ISL_763433|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-8284C2/2020|2020-07-16|EPI_ISL_557229|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1563/2020|2020-07-31|EPI_ISL_610127|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/FL-BPHL-1425/2020|2020-08-31|EPI_ISL_549207|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-4746/2020|2020-03-27|EPI_ISL_461430|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/ALDP-B73A4B/2020|2020-11-12|EPI_ISL_662605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A12BC/2020|2020-12-09|EPI_ISL_743649|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-490BC4/2020|2020-11-15|EPI_ISL_706544|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2258/2020|2020-06-09|EPI_ISL_497686|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B20F7B/2020|2020-11-01|EPI_ISL_647732|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-217641-01/2020|2020-09-15|EPI_ISL_677101|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B5C987/2020|2020-11-08|EPI_ISL_655792|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12221/2020|2020-11-16|EPI_ISL_682402|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A683D/2020|2020-12-17|EPI_ISL_765076|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1894/2020|2020-04-21|EPI_ISL_486193|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/CAMC-A816DE/2020|2020-10-13|EPI_ISL_610870|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11621/2020|2020-09-12|EPI_ISL_790070|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/ME-HETL-J0007/2020|2020-03-13|EPI_ISL_513420|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/USA/TX-DSHS-1916/2020|2020-07-11|EPI_ISL_751509|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/BE-UNIBE-218-0537/2020|2020-04-08|EPI_ISL_574854|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/England/ALDP-6FC60F/2020|2020-06-29|EPI_ISL_557471|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1867/2020|2020-11-12|EPI_ISL_732086|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/India/DL-65029-CSIR-IGIB/2020|2020-08-11|EPI_ISL_636817|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/BIRM-60226/2020|2020-07-21|EPI_ISL_529360|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1363/2020|2020-03-28|EPI_ISL_775762|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/VIC9587/2020|2020-08-23|EPI_ISL_565616|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MD-MDH-0244/2020|2020-10-02|EPI_ISL_602267|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/Wales/PHWC-48CE86/2020|2020-11-08|EPI_ISL_666549|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iceland/436/2020|2020-03-20|EPI_ISL_424460|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/MILK-B96C00/2020|2020-11-13|EPI_ISL_674984|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C33E9/2020|2020-09-10|EPI_ISL_566876|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4541/2020|2020-07-10|EPI_ISL_666999|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Russia/SPE-RII-20906V/2020|2020-06-04|EPI_ISL_524030|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Switzerland/BS-UHB-42186379/2020|2020-03-11|EPI_ISL_528003|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-15732/2020|2020-07-09|EPI_ISL_785416|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-2166/2020|2020-05-20|EPI_ISL_545156|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A471D3/2020|2020-10-06|EPI_ISL_598308|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-234010/2020|2020-10-15|EPI_ISL_680334|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0190/2020|2020-03-26|EPI_ISL_498262|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/ALDP-B83073/2020|2020-11-14|EPI_ISL_675637|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14326/2020|2020-11-30|EPI_ISL_711696|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B94983/2020|2020-11-14|EPI_ISL_676262|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0434/2020|2020-04-02|EPI_ISL_435017|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/OR-OHSU-1083/2020|2020-07-09|EPI_ISL_525966|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/ALDP-C8EA4C/2020|2020-12-15|EPI_ISL_777054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2244/2020|2020-06-21|EPI_ISL_521977|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Singapore/1507/2020|2020-12-26|EPI_ISL_768623|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/NORT-29E06F/2020|2020-05-06|EPI_ISL_488073|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B36561/2020|2020-11-05|EPI_ISL_645359|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG276776/2020|2020-04-16|EPI_ISL_694134|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUEH-B2C1E2/2020|2020-11-03|EPI_ISL_680069|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/QEUEH-9BA0EE/2020|2020-09-07|EPI_ISL_573578|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496BFB/2020|2020-11-23|EPI_ISL_726701|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2FC0D/2020|2020-10-05|EPI_ISL_586991|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E92A4/2020|2020-09-24|EPI_ISL_584197|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9F9441/2020|2020-09-27|EPI_ISL_600903|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0148/2020|2020-08-00|EPI_ISL_667577|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/RI-IBV-005969/2020|2020-03-10|EPI_ISL_500403|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-ALSR-1167/2020|2020-04-02|EPI_ISL_494409|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/LIVE-A6A4A/2020|2020-03-19|EPI_ISL_499766|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21274/2020|2020-12-21|EPI_ISL_759649|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC6355/2020|2020-07-22|EPI_ISL_518335|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-16160/2020|2020-10-27|EPI_ISL_785844|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC9756/2020|2020-08-23|EPI_ISL_565694|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B533A0/2020|2020-11-08|EPI_ISL_657019|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A00288/2020|2020-09-30|EPI_ISL_600309|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-803/2020|2020-04-07|EPI_ISL_545801|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-998FF8/2020|2020-08-24|EPI_ISL_541810|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2695/2020|2020-07-04|EPI_ISL_522475|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/MI-MDHHS-SC22258/2020|2020-11-03|EPI_ISL_666924|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/USA/AZ-TG547219/2020|2020-07-02|EPI_ISL_695430|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-10344/2020|2020-11-02|EPI_ISL_669914|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/GC19-2663/2020|2020-07-21|EPI_ISL_561133|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/OXON-AC534/2020|2020-04-05|EPI_ISL_448458|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Belgium/regal-12111326/2020|2020-12-11|EPI_ISL_738379|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/HI-H200423/2020|2020-09-23|EPI_ISL_752967|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Dominican Republic/ICGEB_UNIBE022/2020|2020-05-05|EPI_ISL_525467|Original|hCoV-19^^Dominican Republic|Human|Universidad Iberoamericana|International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform|Paulino-Ramirez|Dominican Republic

>Spike|hCoV-19/Thailand/CO63-329-3/2020|2020-03-14|EPI_ISL_450964|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/Scotland/CVR1053/2020|2020-03-28|EPI_ISL_433501|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21395/2020|2020-12-21|EPI_ISL_758143|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AA0044/2020|2020-10-20|EPI_ISL_652702|Original|hCoV-19^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/WA-S300/2020|2020-03-25|EPI_ISL_430154|Original|hCoV-19^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Wales/PHWC-26004/2020|2020-03-25|EPI_ISL_422149|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S623/2020|2020-04-18|EPI_ISL_438176|Original|hCoV-19^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-BABC71/2020|2020-11-18|EPI_ISL_783100|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH1995S/2020|2020-06-06|EPI_ISL_596339|Original|hCoV-19^Moscow|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/United Arab Emirates/0917/2020|2020-06-26|EPI_ISL_699055|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUA-9B43CD/2020|2020-09-04|EPI_ISL_559890|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/CN-IBV-97006524/2020|2020-04-12|EPI_ISL_537727|Original|hCoV-19^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/India/DL-MaxCov0045-CSIR-IGIB/2020|2020-04-28|EPI_ISL_459947|Original|hCoV-19^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/USA/MI-MDHHS-SC21067/2020|2020-03-31|EPI_ISL_507843|Original|hCoV-19^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Belgium/ULG-10186/2020|2020-05-11|EPI_ISL_455974|Original|hCoV-19^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUA-96F33A/2020|2020-08-17|EPI_ISL_530586|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-46584/2020|2020-12-16|EPI_ISL_745080|Original|hCoV-19^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/NY-Wadsworth-249749-01/2020|2020-10-20|EPI_ISL_754728|Original|hCoV-19^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-1238/2020|2020-11-10|EPI_ISL_763307|Original|hCoV-19^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-8526/2020|2020-07-01|EPI_ISL_780608|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-101286/2020|2020-11-04|EPI_ISL_683337|Original|hCoV-19^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/UT-08520/2020|2020-05-18|EPI_ISL_524283|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-7032/2020|2020-06-28|EPI_ISL_546450|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/ULG-10569/2020|2020-10-23|EPI_ISL_626280|Original|hCoV-19^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/QEUA-AF4973/2020|2020-10-30|EPI_ISL_663076|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A21DF9/2020|2020-10-01|EPI_ISL_587637|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AD26DE/2020|2020-10-23|EPI_ISL_629812|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B05149/2020|2020-10-24|EPI_ISL_639009|Original|hCoV-19^^Wales|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-8585/2020|2020-08-00|EPI_ISL_686181|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB1436/2020|2020-04-12|EPI_ISL_433447|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5458/2020|2020-09-28|EPI_ISL_620783|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC2690/2020|2020-07-02|EPI_ISL_521530|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/regA-0721813/2020|2020-07-21|EPI_ISL_734806|Original|hCoV-19^^Koningshooikt|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Finland/12A46SVI/2020|2020-04-12|EPI_ISL_481540|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/NORT-284A31/2020|2020-03-26|EPI_ISL_478575|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-360169/2020|2020-11-06|EPI_ISL_693937|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/NY-NYUMC95/2020|2020-03-18|EPI_ISL_421707|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/TX-DSHS-1897/2020|2020-07-08|EPI_ISL_751523|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-48D438/2020|2020-11-01|EPI_ISL_680624|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-270171/2020|2020-08-29|EPI_ISL_541457|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CO-CSU-D2598-1/2020|2020-04-15|EPI_ISL_527470|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/MS-CDC-6571/2020|2020-03-13|EPI_ISL_648023|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/QEUA-B4383B/2020|2020-11-08|EPI_ISL_657351|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F6065/2020|2020-12-12|EPI_ISL_741732|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16E782/2020|2020-10-02|EPI_ISL_585766|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-79A40/2020|2020-03-26|EPI_ISL_433815|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUH-C33EFF/2020|2020-12-11|EPI_ISL_734002|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9921E9/2020|2020-08-27|EPI_ISL_540658|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9306/2020|2020-11-16|EPI_ISL_668900|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/497/2020|2020-03-21|EPI_ISL_424519|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Scotland/QEUH-C4BE4F/2020|2020-12-14|EPI_ISL_757088|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUH-9B3DB1/2020|2020-09-03|EPI_ISL_573763|Original|hCoV-19^^Northern Ireland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/mink/Netherlands/NB-EMC-35-1/2020|2020-08-18|EPI_ISL_577772|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MD-HP00153/2020|2020-03-24|EPI_ISL_457782|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/MILK-9F1B80/2020|2020-09-24|EPI_ISL_589606|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22625/2020|2020-11-30|EPI_ISL_737152|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-9596/2020|2020-11-09|EPI_ISL_669056|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5847/2020|2020-09-28|EPI_ISL_621034|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-B66F88/2020|2020-11-11|EPI_ISL_676324|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20142053804/2020|2020-03-28|EPI_ISL_423458|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10242/2020|2020-07-07|EPI_ISL_789386|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-2060/2020|2020-06-08|EPI_ISL_653213|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Finland/6SS7H1/2020|2020-09-06|EPI_ISL_756089|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/20189157501/2020|2020-05-02|EPI_ISL_465558|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/France/OCC-SC495/2020|2020-03-26|EPI_ISL_660690|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/LIVE-A4763/2020|2020-03-12|EPI_ISL_500040|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/NSW1032/2020|2020-06-24|EPI_ISL_593684|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/MA-MGH-03247/2020|2020-10-14|EPI_ISL_765757|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-30EEF/2020|2020-04-09|EPI_ISL_446377|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9E66C9/2020|2020-09-23|EPI_ISL_580320|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3123/2020|2020-07-06|EPI_ISL_520830|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-A00CA8/2020|2020-10-02|EPI_ISL_585568|Original|hCoV-19^^Scotland|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH0388/2020|2020-03-31|EPI_ISL_434975|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-ALSR-2096/2020|2020-05-24|EPI_ISL_635346|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-9AB6DF/2020|2020-08-31|EPI_ISL_549454|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-94BD18/2020|2020-07-15|EPI_ISL_556726|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0581/2020|2020-03-17|EPI_ISL_526802|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-7828/2020|2020-10-19|EPI_ISL_618756|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-B3F51D/2020|2020-11-08|EPI_ISL_658716|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-165B61/2020|2020-06-12|EPI_ISL_490771|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EB32/2020|2020-10-15|EPI_ISL_607121|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B82AC1/2020|2020-11-14|EPI_ISL_675603|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008658/2020|2020-09-29|EPI_ISL_654220|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-C48B1E/2020|2020-12-12|EPI_ISL_736599|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/R10398/2020|2020-06-03|EPI_ISL_490274|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Denmark/DCGC-15469/2020|2020-11-23|EPI_ISL_713841|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-13293/2020|2020-07-03|EPI_ISL_501133|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUA-9C8CBC/2020|2020-09-11|EPI_ISL_567114|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1755/2020|2020-09-17|EPI_ISL_605628|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Belgium/UGent-103/2020|2020-03-18|EPI_ISL_475063|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Morocco/FMP-25/2020|2020-12-00|EPI_ISL_728352|Original|hCoV-19^^Temara|Human|Laboratoire Biolife|Laboratoire de Biotechnologie|Ouahgiri|Morocco

>Spike|hCoV-19/England/MILK-B965C9/2020|2020-11-13|EPI_ISL_676256|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BE6EDE/2020|2020-11-28|EPI_ISL_721529|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11504/2020|2020-09-01|EPI_ISL_563400|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-4998/2020|2020-08-00|EPI_ISL_690111|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B393A0/2020|2020-11-01|EPI_ISL_658819|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1080/2020|2020-12-07|EPI_ISL_722799|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-CC9B42/2020|2020-12-23|EPI_ISL_782066|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-0018/2020|2020-08-13|EPI_ISL_640020|Original|hCoV-19^^Western Cape|Human|Mitchells Plain Hospital w MPH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Wales/MILK-9EF183/2020|2020-09-24|EPI_ISL_594905|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-ABB583/2020|2020-10-22|EPI_ISL_623512|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-9B6EBB/2020|2020-09-09|EPI_ISL_602131|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-SNRCI-2315/2020|2020-03-00|EPI_ISL_548150|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/NOTT-11F911/2020|2020-11-27|EPI_ISL_725585|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15846/2020|2020-11-23|EPI_ISL_714057|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/UGent-97/2020|2020-03-17|EPI_ISL_468745|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/ALDP-A6801B/2020|2020-10-12|EPI_ISL_608915|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CD8DA/2020|2020-10-16|EPI_ISL_611775|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-9F3975/2020|2020-09-24|EPI_ISL_588495|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2660/2020|2020-04-09|EPI_ISL_678334|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/England/QEUA-B2EB3D/2020|2020-11-04|EPI_ISL_659818|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/1000/2020|2020-06-10|EPI_ISL_699132|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/PG-4804/2020|2020-08-00|EPI_ISL_689929|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG532068/2020|2020-07-01|EPI_ISL_695404|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-24631/2020|2020-03-17|EPI_ISL_419432|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S2802/2020|2020-08-25|EPI_ISL_530159|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9CD90B/2020|2020-09-16|EPI_ISL_566115|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW813/2020|2020-08-08|EPI_ISL_526155|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-AE4C7D/2020|2020-10-27|EPI_ISL_633206|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-1340/2020|2020-08-19|EPI_ISL_569125|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/TX-DSHS-1770/2020|2020-06-20|EPI_ISL_710410|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/France/PAC-IHU-0263/2020|2020-03-31|EPI_ISL_569420|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-3088/2020|2020-08-24|EPI_ISL_616868|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-LACPHL-AA00017/2020|2020-08-06|EPI_ISL_710115|Original|hCoV-19^^California|Human|Los Angeles County PHL|Los Angeles County PHL|Hemrajata|USA

>Spike|hCoV-19/England/CAMC-BD2127/2020|2020-11-27|EPI_ISL_702108|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2296/2020|2020-06-25|EPI_ISL_522017|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9BE09F/2020|2020-09-09|EPI_ISL_568199|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3420/2020|2020-07-08|EPI_ISL_636018|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/PG-2917/2020|2020-04-00|EPI_ISL_691043|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/DE-DHSS-FLW00408437/2020|2020-12-02|EPI_ISL_766994|Original|hCoV-19^^Delaware|Human|Delaware Public Health Laboratory|Delaware Public Health Laboratory|Bajwa|USA

>Spike|hCoV-19/Japan/PG-6317/2020|2020-08-00|EPI_ISL_689428|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Nigeria/LA-CV371/2020|2020-05-14|EPI_ISL_730032|Original|hCoV-19^^Lagos State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/MILK-85B587/2020|2020-07-17|EPI_ISL_557529|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2168/2020|2020-03-19|EPI_ISL_500639|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/QEUEH-BC360C/2020|2020-11-25|EPI_ISL_704048|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2568/2021|2021-01-04|EPI_ISL_788911|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/WA-S2634/2020|2020-06-20|EPI_ISL_497266|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Spain/MD-IBV-99008552/2020|2020-09-13|EPI_ISL_654093|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/UT-QDX-1790/2020|2020-03-14|EPI_ISL_604122|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-B2DCE0/2020|2020-11-03|EPI_ISL_646964|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11886/2020|2020-09-16|EPI_ISL_790128|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/D-NVRL-MPJ90913/2020|2020-04-09|EPI_ISL_768744|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/NORT-297A59/2020|2020-04-24|EPI_ISL_488114|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AD195E/2020|2020-10-26|EPI_ISL_649708|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22600/2020|2020-11-10|EPI_ISL_737173|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Japan/PG-6737/2020|2020-08-00|EPI_ISL_687617|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1BD5E4/2020|2020-00-00|EPI_ISL_764272|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/PORT-2D181D/2020|2020-04-12|EPI_ISL_484422|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2495/2020|2020-08-10|EPI_ISL_617766|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wuhan/YB012605/2020|2020-01-26|EPI_ISL_450502|unknown|hCoV-19^^Hubei|Human|unknown|CAS Key Laboratory of Special Pathogens and Biosafety and Center for Emerging Infectious Diseases|Submitter|China

>Spike|hCoV-19/Japan/PG-0212/2020|2020-03-21|EPI_ISL_479912|Original|hCoV-19^^Kansai|Human|Himeji City Institute of Environment and Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-7F6BF/2020|2020-04-08|EPI_ISL_470386|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008896/2020|2020-05-26|EPI_ISL_525010|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-485EBA/2020|2020-10-21|EPI_ISL_628290|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Austria/CeMM0601/2020|2020-03-18|EPI_ISL_583612|Original|hCoV-19^^Kufstein|Human|Institut f\u00fcr Virologie am Department f\u00fcr Hygiene|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-10947/2020|2020-11-02|EPI_ISL_670303|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL1451/2020|2020-12-17|EPI_ISL_779117|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-A6992E/2020|2020-10-09|EPI_ISL_665855|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUH-A01858/2020|2020-09-30|EPI_ISL_679997|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-B46AD8/2020|2020-11-06|EPI_ISL_656084|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/Donner69/2020|2020-07-27|EPI_ISL_644973|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/Israel/13075719/2020|2020-03-29|EPI_ISL_447449|Original|hCoV-19^^Tel Aviv District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Scotland/CVR451/2020|2020-03-23|EPI_ISL_433296|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00653/2020|2020-04-02|EPI_ISL_460197|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/WA-S809/2020|2020-04-15|EPI_ISL_449979|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-ACE5BA/2020|2020-10-21|EPI_ISL_629729|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CL-IBV-97006285/2020|2020-04-21|EPI_ISL_537655|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/NORT-1B710A2/2020|2020-11-14|EPI_ISL_706302|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC178/2020|2020-03-18|EPI_ISL_419875|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/MILK-62C5DC/2020|2020-07-05|EPI_ISL_557880|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB1D39/2020|2020-11-17|EPI_ISL_720580|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-1385/2020|2020-06-28|EPI_ISL_626517|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Scotland/CVR1523/2020|2020-04-03|EPI_ISL_453011|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-995AAF/2020|2020-08-23|EPI_ISL_551592|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20170002704/2020|2020-04-19|EPI_ISL_465267|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/BRIS-128793/2020|2020-04-15|EPI_ISL_458889|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20186097004/2020|2020-04-29|EPI_ISL_465482|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-450/2020|2020-10-26|EPI_ISL_733521|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Japan/PG-3136/2020|2020-04-00|EPI_ISL_691258|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Singapore/208/2020|2020-04-29|EPI_ISL_462326|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Netherlands/ZH-EMC-1061/2020|2020-12-04|EPI_ISL_722289|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-4867CD/2020|2020-10-31|EPI_ISL_639080|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9F085D/2020|2020-09-24|EPI_ISL_589761|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB005F/2020|2020-11-18|EPI_ISL_720365|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0459/2020|2020-05-19|EPI_ISL_467981|Original|hCoV-19^^California|Human|Rady's Childrens Hospital|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORT-28B171/2020|2020-04-18|EPI_ISL_469307|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/553/2020|2020-04-11|EPI_ISL_483576|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-17846/2020|2020-12-14|EPI_ISL_749597|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-C32F48/2020|2020-12-11|EPI_ISL_734036|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-25145/2020|2020-10-10|EPI_ISL_660916|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21598/2020|2020-03-26|EPI_ISL_516325|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-15C963/2020|2020-05-05|EPI_ISL_472561|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B84FC0/2020|2020-11-15|EPI_ISL_674419|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12644/2020|2020-08-31|EPI_ISL_790438|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-AA0BD/2020|2020-03-25|EPI_ISL_517399|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/LIVE-A4B49/2020|2020-03-11|EPI_ISL_500074|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC16083/2020|2020-00-00|EPI_ISL_641287|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S1766/2020|2020-06-01|EPI_ISL_496192|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-CZB-15076/2020|2020-11-20|EPI_ISL_739501|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Spain/RI-IBV-99010965/2020|2020-10-29|EPI_ISL_732793|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-6DDFDC/2020|2020-06-30|EPI_ISL_557661|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A1647/2020|2020-12-10|EPI_ISL_743704|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-10D2857/2020|2020-12-22|EPI_ISL_765186|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMB-7D8D9/2020|2020-04-06|EPI_ISL_441707|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2211/2020|2020-10-25|EPI_ISL_677614|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUH-BCD329/2020|2020-11-26|EPI_ISL_704300|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D1E7/2020|2020-03-15|EPI_ISL_483924|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1555/2020|2020-09-15|EPI_ISL_605433|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/BIRM-5FBB6/2020|2020-05-21|EPI_ISL_473385|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-1719/2020|2020-07-24|EPI_ISL_526013|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18337/2020|2020-11-19|EPI_ISL_784685|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS7874511/2020|2020-11-11|EPI_ISL_744645|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-B5CFB2/2020|2020-11-09|EPI_ISL_655952|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5232/2020|2020-08-00|EPI_ISL_690335|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/VC-IBV-98002665/2020|2020-04-24|EPI_ISL_538002|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Arnau de Vilanova|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-D192B/2020|2020-10-19|EPI_ISL_613400|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/204040323/2020|2020-09-28|EPI_ISL_622838|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-GC42/2020|2020-05-30|EPI_ISL_528819|Original|hCoV-19^^Telangana|Human|Department of Medicine|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Spain/MD-H12-94/2020|2020-04-16|EPI_ISL_530020|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/CAMC-BC0317/2020|2020-11-22|EPI_ISL_704935|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488A2C/2020|2020-10-24|EPI_ISL_639454|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2358F9/2020|2020-11-10|EPI_ISL_742162|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15375/2020|2020-10-22|EPI_ISL_786859|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-68072/2020|2020-09-04|EPI_ISL_683394|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-81957/2020|2020-04-11|EPI_ISL_442588|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-960418/2020|2020-08-04|EPI_ISL_531976|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B1FD66/2020|2020-11-01|EPI_ISL_647640|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-ABD2F3/2020|2020-10-04|EPI_ISL_631173|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B597/2020|2020-04-10|EPI_ISL_445729|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21699/2020|2020-03-25|EPI_ISL_529818|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMC-9D1F6C/2020|2020-09-19|EPI_ISL_601740|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AF670E/2020|2020-10-30|EPI_ISL_663193|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2321/2020|2020-08-10|EPI_ISL_667182|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18560/2020|2020-11-19|EPI_ISL_784908|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC9285/2020|2020-07-09|EPI_ISL_565484|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC1295/2020|2020-04-09|EPI_ISL_430712|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-4829E9/2020|2020-10-19|EPI_ISL_613258|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2771/2020|2020-06-27|EPI_ISL_582870|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Sweden/20-23086/2020|2020-03-20|EPI_ISL_654953|Original|hCoV-19^^Uppsala|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-10522/2020|2020-11-02|EPI_ISL_669558|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S1684/2020|2020-05-31|EPI_ISL_496110|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/ALDP-9CBDE3/2020|2020-09-16|EPI_ISL_575575|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/3451/2020|2020-04-22|EPI_ISL_447598|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lusamaki|Democratic Republic of the Congo

>Spike|hCoV-19/England/MILK-B878FF/2020|2020-11-13|EPI_ISL_724812|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B347D6/2020|2020-11-05|EPI_ISL_659533|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_23064916/2020|2020-03-00|EPI_ISL_462840|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Northern Ireland/NIRE-FD09D/2020|2020-04-25|EPI_ISL_489182|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-986/2020|2020-07-16|EPI_ISL_509982|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-B98521/2020|2020-11-15|EPI_ISL_673687|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3604D/2020|2020-04-28|EPI_ISL_474610|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir3045/2020|2020-03-18|EPI_ISL_729521|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Norway/5466/2020|2020-10-31|EPI_ISL_708102|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/USA/MS-CDC-6576/2020|2020-03-21|EPI_ISL_648028|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Japan/PG-8541/2020|2020-08-00|EPI_ISL_686137|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-1729/2020|2020-09-11|EPI_ISL_605602|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-16BA6E/2020|2020-09-17|EPI_ISL_573934|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-C53F05/2020|2020-12-11|EPI_ISL_736356|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA4258/2020|2020-11-18|EPI_ISL_721006|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0048/2020|2020-03-25|EPI_ISL_491102|Original|hCoV-19^^South Carolina|Human|SC Department of Health and Environmental Control|SC Department of Health and Environmental Control|Flores|USA

>Spike|hCoV-19/USA/TX-HMH-2154/2020|2020-05-22|EPI_ISL_545148|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4096/2020|2020-07-00|EPI_ISL_692337|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LOND-D3ABD/2020|2020-04-06|EPI_ISL_441033|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMC-9DFBB5/2020|2020-09-21|EPI_ISL_576924|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D58C/2020|2020-10-06|EPI_ISL_586680|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8814/2020|2020-10-26|EPI_ISL_626090|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-51FBAE/2020|2020-06-02|EPI_ISL_559037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-138F10/2020|2020-10-29|EPI_ISL_664439|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0035/2020|2020-05-17|EPI_ISL_698244|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Denmark/DCGC-19738/2020|2020-12-07|EPI_ISL_749143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A69593/2020|2020-10-12|EPI_ISL_609069|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1030/2020|2020-03-27|EPI_ISL_582394|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/QEUA-CAEBCB/2020|2020-12-15|EPI_ISL_760542|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1829/2020|2020-04-16|EPI_ISL_433149|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12955/2020|2020-12-07|EPI_ISL_712485|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10035862042/2020|2020-09-09|EPI_ISL_583328|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-5076/2020|2020-08-00|EPI_ISL_690186|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-0445/2020|2020-03-19|EPI_ISL_480109|Original|hCoV-19^^Kyusyu|Human|Oita Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B393CE/2020|2020-11-01|EPI_ISL_658975|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-895BBC/2020|2020-07-25|EPI_ISL_532781|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACE1E3/2020|2020-10-21|EPI_ISL_630287|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1872/2020|2020-09-10|EPI_ISL_605744|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CA-QDX-2120/2020|2020-03-18|EPI_ISL_604418|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-3058/2020|2020-08-04|EPI_ISL_635820|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/CVR07/2020|2020-03-09|EPI_ISL_415630|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|MRC-University of Glasgow Centre for Virus Research|Robertson|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2010234747/2020|2020-10-20|EPI_ISL_710277|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Spain/CT-IrsiCaixa-Own160320/2020|2020-03-16|EPI_ISL_483059|Original|hCoV-19^^Catalunya|Human|Hospital Universitari Germans Trias i Pujol|IrsiCaixa AIDS Research Lab|Noguera-Julian|Spain

>Spike|hCoV-19/Spain/PV-IBV-2128/2020|2020-04-12|EPI_ISL_468926|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/New Zealand/20VR0174/2020|2020-02-27|EPI_ISL_413490|Original|hCoV-19^^Auckland|Human|Auckland Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Germany/NW-UBI-32/2020|2020-06-18|EPI_ISL_631286|Original|hCoV-19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/France/GES-1973/2020|2020-03-04|EPI_ISL_414631|Original|hCoV-19^^Grand-Est|Human|H\u00f4pital Robert Debr\u00e9 Laboratoire de Virologie|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/LA-BIE-080/2020|2020-04-06|EPI_ISL_436948|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Denmark/DCGC-13981/2020|2020-11-30|EPI_ISL_711493|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A96D1/2020|2020-09-01|EPI_ISL_551153|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16F657/2020|2020-10-04|EPI_ISL_585999|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42413348/2020|2020-08-27|EPI_ISL_581988|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUEH-BCB82C/2020|2020-11-27|EPI_ISL_703861|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204393809/2020|2020-10-24|EPI_ISL_649885|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Italy/SIC-AMVRC-4411/2020|2020-03-12|EPI_ISL_457721|Vero E6|hCoV-19^^Sicily|Human|Department of Infectious Diseases|Army Medical and Veterinary Research Center|Lista|Italy

>Spike|hCoV-19/Spain/AN-IBV-001995/2020|2020-03-16|EPI_ISL_509625|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00ella. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/UT-UPHL-2009186/2020|2020-05-30|EPI_ISL_525169|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/GR-ETHZ-340133/2020|2020-10-27|EPI_ISL_721817|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMB-7A247/2020|2020-04-02|EPI_ISL_441228|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC14640/2020|2020-07-30|EPI_ISL_592929|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-1694/2020|2020-04-02|EPI_ISL_468629|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/LOND-124C3CE/2020|2020-05-12|EPI_ISL_492843|Original|hCoV-19^^England|Human|Royal Free Hospital / Health Services Laboratories|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-51765/2020|2020-05-27|EPI_ISL_510845|Original|hCoV-19^^Vastra Gotaland|Human|Skovde/Unilabs|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-953F44/2020|2020-06-12|EPI_ISL_553806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A91EF/2020|2020-08-31|EPI_ISL_551000|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG395931/2020|2020-06-08|EPI_ISL_694767|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/UT-QDX-2302/2020|2020-03-13|EPI_ISL_604616|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A6E534/2020|2020-10-15|EPI_ISL_607243|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-51E26E/2020|2020-06-02|EPI_ISL_558974|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02455/2020|2020-09-00|EPI_ISL_671570|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/VA-DCLS-1228/2020|2020-07-29|EPI_ISL_528650|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/OXON-B2AC3/2020|2020-04-13|EPI_ISL_534792|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B54011/2020|2020-11-09|EPI_ISL_656944|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10199/2020|2020-07-07|EPI_ISL_789276|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A3F930/2020|2020-10-07|EPI_ISL_609699|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AC5E30/2020|2020-10-14|EPI_ISL_631035|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-125BC7/2020|2020-03-29|EPI_ISL_443792|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/OXON-AC9B0/2020|2020-04-05|EPI_ISL_448500|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B59A3C/2020|2020-11-06|EPI_ISL_679900|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/BRIS-13072F/2020|2020-04-12|EPI_ISL_492542|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-287E14/2020|2020-11-12|EPI_ISL_725002|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUA-B1353D/2020|2020-11-02|EPI_ISL_641646|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/ED20-CV162/2020|2020-03-30|EPI_ISL_527881|Original|hCoV-19^^Delta|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Wales/PHWC-48E947/2020|2020-11-13|EPI_ISL_680935|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B491D0/2020|2020-11-07|EPI_ISL_649361|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9C4E4/2020|2020-11-15|EPI_ISL_673421|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-09193/2020|2020-03-15|EPI_ISL_508878|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|GH Les Portes du Sud|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/England/ALDP-9EA0C7/2020|2020-09-24|EPI_ISL_580130|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B0205E/2020|2020-10-24|EPI_ISL_642819|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8768/2020|2020-10-26|EPI_ISL_626038|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1061/2020|2020-05-14|EPI_ISL_462906|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Switzerland/BS-UHB-42186439/2020|2020-03-11|EPI_ISL_528008|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUEH-AF4D86/2020|2020-10-30|EPI_ISL_662983|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-GA78/2020|2020-06-18|EPI_ISL_508272|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Saudi Arabia/KAUST-Madinah208/2020|2020-04-06|EPI_ISL_437715|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Australia/VIC5132/2020|2020-07-18|EPI_ISL_519935|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-14801/2020|2020-11-23|EPI_ISL_711992|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A57F9A/2020|2020-10-09|EPI_ISL_597180|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4897CA/2020|2020-11-03|EPI_ISL_639618|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-ACE06E/2020|2020-10-20|EPI_ISL_630063|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_39/2020|2020-03-17|EPI_ISL_422911|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-CB15D6/2020|2020-12-06|EPI_ISL_760952|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C8E46/2020|2020-08-31|EPI_ISL_540742|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A678E7/2020|2020-10-12|EPI_ISL_630686|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10C912B/2020|2020-12-02|EPI_ISL_706975|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F953F/2020|2020-09-25|EPI_ISL_589219|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-44/2020|2020-04-18|EPI_ISL_523428|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-13589/2020|2020-11-30|EPI_ISL_712895|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-88A80E/2020|2020-07-29|EPI_ISL_532685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9C578/2020|2020-11-15|EPI_ISL_673476|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11A13C/2020|2020-11-05|EPI_ISL_637427|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-S2230/2020|2020-06-10|EPI_ISL_497658|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Germany/BB-ChVir-D933-5624/2020|2020-03-14|EPI_ISL_753766|Original|hCoV-19^^Brandenburg|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/ALDP-B62881/2020|2020-11-09|EPI_ISL_656541|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19152/2020|2020-11-23|EPI_ISL_783657|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18108/2020|2020-12-14|EPI_ISL_749759|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F956504/2020|2020-05-27|EPI_ISL_708445|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/Wales/PHWC-31358/2020|2020-04-12|EPI_ISL_446435|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A685D0/2020|2020-10-12|EPI_ISL_608592|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B1CCE/2020|2020-05-06|EPI_ISL_479085|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/OV-EMC-115/2020|2020-11-07|EPI_ISL_763155|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-B74E99/2020|2020-11-12|EPI_ISL_679000|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC495/2020|2020-03-18|EPI_ISL_436743|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/QEUA-AF7284/2020|2020-10-29|EPI_ISL_662666|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499AEC/2020|2020-12-05|EPI_ISL_727401|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1699/2020|2020-06-22|EPI_ISL_618166|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Nigeria/OY008-CV29/2020|2020-03-27|EPI_ISL_455429|Original|hCoV-19^^Oyo State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/Belgium/regal-12141441/2020|2020-12-14|EPI_ISL_738493|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-14784/2020|2020-11-23|EPI_ISL_711978|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Thailand/Bangkok-CONI-0331/2020|2020-12-08|EPI_ISL_728562|Original|hCoV-19^^Bangkok|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/QEUEH-BEB06A/2020|2020-12-03|EPI_ISL_708944|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-AA24EC/2020|2020-10-22|EPI_ISL_634779|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA953/2020|2020-09-24|EPI_ISL_580089|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7885/2020|2020-08-09|EPI_ISL_564727|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LOND-1263604/2020|2020-11-04|EPI_ISL_679456|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-220032/2020|2020-07-29|EPI_ISL_512014|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-7870/2020|2020-07-00|EPI_ISL_686971|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/ACT0075/2020|2020-04-02|EPI_ISL_498535|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/CAMC-B0AEE3/2020|2020-10-29|EPI_ISL_643613|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4903AE/2020|2020-10-30|EPI_ISL_706474|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16245/2020|2020-11-16|EPI_ISL_714469|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-CC5311/2020|2020-12-21|EPI_ISL_760453|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Ecuador/USFQ-520/2020|2020-10-02|EPI_ISL_660539|Original|hCoV-19^^Pastaza|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/England/QEUEH-B43798/2020|2020-11-08|EPI_ISL_657116|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-148/2020|2020-03-26|EPI_ISL_634876|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Wales/PHWC-26EDD/2020|2020-03-30|EPI_ISL_422115|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EEB9E/2020|2020-00-00|EPI_ISL_529250|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15835/2020|2020-07-10|EPI_ISL_785519|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC6497/2020|2020-07-20|EPI_ISL_521272|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A500E9/2020|2020-10-07|EPI_ISL_597581|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BCABD9/2020|2020-11-23|EPI_ISL_703464|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6007/2020|2020-07-23|EPI_ISL_518782|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-9911DB/2020|2020-08-27|EPI_ISL_551853|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF6A5/2020|2020-09-21|EPI_ISL_638417|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-UW-23501/2020|2020-08-11|EPI_ISL_576467|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Ireland/CO-NVRL-78IRL74454/2020|2020-11-22|EPI_ISL_752569|Original|hCoV-19^^Cork|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Denmark/DCGC-10930/2020|2020-11-02|EPI_ISL_670290|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/GCVR-171652/2020|2020-03-29|EPI_ISL_469970|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1C015/2020|2020-11-01|EPI_ISL_645753|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-72436/2020|2020-05-23|EPI_ISL_746489|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Japan/PG-0172/2020|2020-03-15|EPI_ISL_479881|Original|hCoV-19^^Hokkaido|Human|Sapporo City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-AB948/2020|2020-05-09|EPI_ISL_612443|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Finland/18MR1cG2/2020|2020-11-18|EPI_ISL_757321|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-B3A59A/2020|2020-11-02|EPI_ISL_658922|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A92722/2020|2020-10-19|EPI_ISL_610940|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B36A17/2020|2020-11-05|EPI_ISL_645256|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496F0E/2020|2020-11-25|EPI_ISL_726748|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0283/2020|2020-03-15|EPI_ISL_693361|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/ALDP-A6D6E7/2020|2020-10-15|EPI_ISL_608082|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B83037/2020|2020-11-14|EPI_ISL_675523|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-02433/2020|2020-09-00|EPI_ISL_671532|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUH-AACDF6/2020|2020-10-19|EPI_ISL_652917|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Belgium/UGent-290/2020|2020-11-24|EPI_ISL_718019|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Denmark/DCGC-7562/2020|2020-10-12|EPI_ISL_618476|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC3048/2020|2020-11-25|EPI_ISL_702523|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27434/2020|2020-03-30|EPI_ISL_431918|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B9866A/2020|2020-11-15|EPI_ISL_675026|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D0E0F/2020|2020-10-08|EPI_ISL_596223|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/MILK-9AAF99/2020|2020-08-31|EPI_ISL_551042|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C264A2/2020|2020-12-07|EPI_ISL_733614|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-282972/2020|2020-03-27|EPI_ISL_488662|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-24082/2020|2020-10-05|EPI_ISL_660890|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/NORT-29DF45/2020|2020-05-06|EPI_ISL_493501|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/WA-UW-7032/2020|2020-04-07|EPI_ISL_570164|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-A3F323/2020|2020-10-06|EPI_ISL_609586|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACDD68/2020|2020-10-21|EPI_ISL_630076|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM92698286/2020|2020-11-30|EPI_ISL_753493|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/South Africa/R12641-20/2020|2020-06-16|EPI_ISL_504203|Original|hCoV-19^^North West|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/ALDP-C3BFE5/2020|2020-12-10|EPI_ISL_731745|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8684/2020|2020-09-00|EPI_ISL_686280|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-020/2020|2020-03-20|EPI_ISL_417028|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-8919/2020|2020-09-00|EPI_ISL_686465|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/DRC/5019/2020|2020-05-02|EPI_ISL_496511|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/USA/TX-HMH-4423/2020|2020-06-17|EPI_ISL_543607|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AR-IBV-2483/2020|2020-03-24|EPI_ISL_468785|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-C4847D/2020|2020-12-12|EPI_ISL_736604|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6208/2020|2020-06-22|EPI_ISL_547313|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-GBCL-26791738/2020|2020-04-06|EPI_ISL_485355|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/NY-Wadsworth-218073-01/2020|2020-09-15|EPI_ISL_765505|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/205260241/2020|2020-12-07|EPI_ISL_766506|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012204862/2020|2020-10-19|EPI_ISL_746279|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-360047/2020|2020-11-10|EPI_ISL_693885|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/CA-CZB-15155/2020|2020-11-23|EPI_ISL_738987|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/GA-CDC-5097/2020|2020-06-29|EPI_ISL_566086|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Canada/BC_06803213/2020|2020-04-00|EPI_ISL_466806|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Germany/NW-UBI-25/2020|2020-06-18|EPI_ISL_631279|Original|hCoV-19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt GmbH|Bielefeld University|Brandt|Germany

>Spike|hCoV-19/USA/TX-HMH-MCoV-8596/2020|2020-07-01|EPI_ISL_780641|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW184/2020|2020-03-12|EPI_ISL_416722|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A6BB80/2020|2020-10-09|EPI_ISL_608789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B46522/2020|2020-11-07|EPI_ISL_656102|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B02944/2020|2020-10-24|EPI_ISL_642908|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-375/2020|2020-07-24|EPI_ISL_700024|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/CAMC-942F2A/2020|2020-07-24|EPI_ISL_556907|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139027904/2020|2020-03-26|EPI_ISL_421907|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC1559/2020|2020-05-03|EPI_ISL_456482|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR5128/2020|2020-10-16|EPI_ISL_627195|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-UW24/2020|2020-03-05|EPI_ISL_414593|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/EXET-13AAB3/2020|2020-11-11|EPI_ISL_665084|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUA-9B887F/2020|2020-09-08|EPI_ISL_549627|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B83E2E/2020|2020-11-14|EPI_ISL_674229|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10832/2020|2020-11-02|EPI_ISL_670238|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1253/2020|2020-06-08|EPI_ISL_618020|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15670/2020|2020-07-09|EPI_ISL_785354|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10036634193/2020|2020-10-26|EPI_ISL_650042|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-1177/2020|2020-04-00|EPI_ISL_684787|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/QEUA-A9FFE1/2020|2020-10-19|EPI_ISL_625324|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2355/2020|2020-11-18|EPI_ISL_728121|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-2532/2020|2020-05-00|EPI_ISL_690667|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/204220386/2020|2020-10-12|EPI_ISL_609887|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-724/2020|2020-09-29|EPI_ISL_632571|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-5689/2020|2020-09-28|EPI_ISL_619976|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18890/2020|2020-12-07|EPI_ISL_748621|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL737/2020|2020-07-17|EPI_ISL_653428|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Belgium/reg-09151223/2020|2020-09-15|EPI_ISL_734936|Original|hCoV-19^^Tervuren|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/AZ-TG547386/2020|2020-07-07|EPI_ISL_695515|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-9F34ED/2020|2020-09-24|EPI_ISL_588664|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-98F5E3/2020|2020-08-27|EPI_ISL_540383|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BFB28F/2020|2020-12-04|EPI_ISL_709038|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/WSFT-25C1659/2020|2020-04-21|EPI_ISL_495095|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH002/2020|2020-03-18|EPI_ISL_515895|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/CAMB-73DB6/2020|2020-04-01|EPI_ISL_433697|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Scotland/EDB391/2020|2020-03-30|EPI_ISL_425994|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-08479/2020|2020-05-21|EPI_ISL_524248|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/UT-UPHL-2009115/2020|2020-05-14|EPI_ISL_525114|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Belgium/reg-10061040/2020|2020-10-06|EPI_ISL_735060|Original|hCoV-19^^Haasrode|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-4490/2020|2020-09-07|EPI_ISL_615675|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB4170/2020|2020-04-18|EPI_ISL_449277|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-9D923E/2020|2020-09-18|EPI_ISL_576710|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1379/2020|2020-09-04|EPI_ISL_536750|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-95C44C/2020|2020-06-20|EPI_ISL_554869|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7448/2020|2020-10-12|EPI_ISL_619343|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-2009603/2020|2020-07-18|EPI_ISL_605281|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Sweden/20-51733/2020|2020-05-18|EPI_ISL_510838|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Japan/PG-5717/2020|2020-07-00|EPI_ISL_688839|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-18018/2020|2020-11-16|EPI_ISL_786166|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-CA6D63/2020|2020-12-18|EPI_ISL_761478|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17882/2020|2020-12-14|EPI_ISL_749620|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20144018204/2020|2020-03-30|EPI_ISL_421938|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2CF733/2020|2020-05-12|EPI_ISL_461978|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/NSW2544/2020|2020-04-04|EPI_ISL_527045|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/CAMC-B780F9/2020|2020-11-12|EPI_ISL_668369|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1709/2020|2020-03-23|EPI_ISL_618342|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-B7DFAC/2020|2020-11-12|EPI_ISL_742257|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000210/2020|2020-04-20|EPI_ISL_631743|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/France/BRE-IPP9969/2020|2020-10-27|EPI_ISL_718228|Original|hCoV-19^^Bretagne|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/England/ALDP-A850AF/2020|2020-10-17|EPI_ISL_610360|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14545/2020|2020-10-09|EPI_ISL_787830|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MI-UM-10033766580/2020|2020-03-24|EPI_ISL_578097|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/CVR2085/2020|2020-04-09|EPI_ISL_490660|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499545/2020|2020-12-03|EPI_ISL_727320|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1095/2020|2020-04-00|EPI_ISL_684705|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/CT-IBV-005622/2020|2020-03-26|EPI_ISL_508659|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/CAMC-C3FEE4/2020|2020-12-10|EPI_ISL_719471|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98007309/2020|2020-09-17|EPI_ISL_654487|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital Cl\u00ednico Universitario de Valencia|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Germany/HH-hpi-p1594/2020|2020-03-16|EPI_ISL_775824|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Brazil/SP-L24-CD623/2020|2020-04-13|EPI_ISL_672700|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo (HC-FMUSP)|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/South Africa/KRISP-K003500/2020|2020-09-16|EPI_ISL_602824|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-SIALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUH-9C9583/2020|2020-09-09|EPI_ISL_567453|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020305829/2020|2020-08-21|EPI_ISL_542061|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Luxembourg/LNS2363167/2020|2020-10-19|EPI_ISL_740108|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/NORT-294816/2020|2020-08-08|EPI_ISL_573356|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A5D11/2020|2020-12-13|EPI_ISL_764969|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C3BA8A/2020|2020-12-10|EPI_ISL_767233|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4754/2020|2020-10-30|EPI_ISL_730123|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-270130/2020|2020-09-03|EPI_ISL_541434|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-A2E57C/2020|2020-10-05|EPI_ISL_586655|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28122D/2020|2020-03-10|EPI_ISL_472160|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21334/2020|2020-04-04|EPI_ISL_507589|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/NoordHolland_32/2020|2020-05-19|EPI_ISL_461221|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-1380/2020|2020-05-01|EPI_ISL_542684|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC1273/2020|2020-04-14|EPI_ISL_436131|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Switzerland/VD-ETHZ-280160/2020|2020-09-09|EPI_ISL_560512|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-15605/2020|2020-10-26|EPI_ISL_787089|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-B5511D/2020|2020-11-06|EPI_ISL_657938|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B2239B/2020|2020-11-02|EPI_ISL_645925|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20130053404/2020|2020-03-21|EPI_ISL_423635|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12493/2020|2020-09-29|EPI_ISL_790364|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/LR00139/2020|2020-07-20|EPI_ISL_514370|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/NORT-283A8D/2020|2020-04-02|EPI_ISL_478516|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Scotland/EDB2245/2020|2020-04-21|EPI_ISL_473784|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wuhan/HB-WHCM-110/2020|2020-03-02|EPI_ISL_455403|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/ALDP-C3B54D/2020|2020-12-09|EPI_ISL_730874|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21279/2020|2020-04-10|EPI_ISL_507534|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-484F4F/2020|2020-10-24|EPI_ISL_628127|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13006/2020|2020-08-28|EPI_ISL_788157|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/UGent-302/2020|2020-12-01|EPI_ISL_718026|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/Scotland/EDB3231/2020|2020-04-07|EPI_ISL_488952|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20140068504/2020|2020-03-30|EPI_ISL_465887|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C17E/2020|2020-11-04|EPI_ISL_665802|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-1DE019/2020|2020-10-09|EPI_ISL_611737|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9526/2020|2020-11-09|EPI_ISL_669020|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW2549/2020|2020-04-04|EPI_ISL_527050|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/England/CAMC-B21086/2020|2020-11-01|EPI_ISL_647680|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13F377/2020|2020-12-16|EPI_ISL_764225|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-B46777/2020|2020-11-07|EPI_ISL_656128|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28946B/2020|2020-03-29|EPI_ISL_458697|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-748F0/2020|2020-03-28|EPI_ISL_425336|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BRIS-12BFD4/2020|2020-05-11|EPI_ISL_469345|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8F132F/2020|2020-06-25|EPI_ISL_556622|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D5E37/2020|2020-04-19|EPI_ISL_444250|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Australia/QLD1183/2020|2020-03-26|EPI_ISL_639774|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/QEUA-9F4482/2020|2020-09-25|EPI_ISL_588374|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2888/2020|2020-05-00|EPI_ISL_691014|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-487164/2020|2020-10-16|EPI_ISL_637616|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-AFMC-5075/2020|2020-05-20|EPI_ISL_497886|Original|hCoV-19^^Maharashtra|Human|Armed Forces Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Denmark/DCGC-8045/2020|2020-10-26|EPI_ISL_617169|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-124DB2F/2020|2020-00-00|EPI_ISL_584642|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/CAMB-1B809D/2020|2020-10-16|EPI_ISL_638190|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-1AD56F/2020|2020-04-26|EPI_ISL_489447|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1D612/2020|2020-10-31|EPI_ISL_646064|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA25BC/2020|2020-10-22|EPI_ISL_630757|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012422/2020|2020-11-23|EPI_ISL_780033|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/South Africa/KRISP-K001099/2020|2020-07-13|EPI_ISL_509348|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/204760137/2020|2020-11-18|EPI_ISL_678735|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC3036/2020|2020-06-28|EPI_ISL_520749|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/GE-EMC-408/2020|2020-11-12|EPI_ISL_722620|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Iceland/189/2020|2020-03-16|EPI_ISL_417709|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Finland/23LS5H3/2020|2020-10-23|EPI_ISL_759779|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-9EA874/2020|2020-09-24|EPI_ISL_579969|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20800/2020|2020-05-19|EPI_ISL_471821|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Italy/LOM-IZSGC-TE31135/2020|2020-05-02|EPI_ISL_528937|Original|hCoV-19^^Lombardy|Human|Agenzia di Tutela della Salute di Bergamo|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/Denmark/DCGC-21834/2020|2020-12-21|EPI_ISL_758393|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/QC-LSPQ-L00216421/2020|2020-03-13|EPI_ISL_535746|Original|hCoV-19^^Quebec|Human|Centre hospitalier de St-Mary|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/ALDP-94D55A/2020|2020-06-15|EPI_ISL_555079|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/LR00134/2020|2020-07-20|EPI_ISL_514365|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/TX-HMH-MCoV-9795/2020|2020-07-04|EPI_ISL_780280|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-2223/2020|2020-05-15|EPI_ISL_545188|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-3571/2020|2020-08-31|EPI_ISL_616366|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-AF47D3/2020|2020-10-30|EPI_ISL_676459|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B80814/2020|2020-11-14|EPI_ISL_661709|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-35B3E/2020|2020-04-24|EPI_ISL_474530|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20169004504/2020|2020-04-16|EPI_ISL_465178|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-AC7803/2020|2020-10-21|EPI_ISL_630301|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B74A1/2020|2020-10-19|EPI_ISL_638323|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6315/2020|2020-07-04|EPI_ISL_547384|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-496FE0/2020|2020-11-26|EPI_ISL_726762|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1741/2020|2020-05-00|EPI_ISL_685347|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/BC_6004567/2020|2020-03-10|EPI_ISL_418836|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/204541008/2020|2020-11-04|EPI_ISL_678666|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-3764/2020|2020-04-00|EPI_ISL_692017|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-4052/2020|2020-06-17|EPI_ISL_543328|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/GSTT-265D85B/2020|2020-03-25|EPI_ISL_484023|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Norway/2808/2020|2020-06-29|EPI_ISL_493373|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Australia/VIC15250/2020|2020-08-26|EPI_ISL_593219|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3965/2020|2020-07-13|EPI_ISL_519357|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-OHSU-0809/2020|2020-06-22|EPI_ISL_525905|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WA-S2239/2020|2020-06-09|EPI_ISL_497667|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/LA-EVTL942/2020|2020-08-11|EPI_ISL_653633|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Guangdong/MZ01/2020|2020-02-13|EPI_ISL_454417|Original|hCoV-19^^Guangdong|Human|Research and Experiment Center|Research and Experiment Center|Submitter|China

>Spike|hCoV-19/Japan/PG-7272/2020|2020-08-00|EPI_ISL_688375|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-B8ED9F/2020|2020-11-13|EPI_ISL_674508|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10709/2020|2020-07-08|EPI_ISL_789143|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1AE373/2020|2020-04-22|EPI_ISL_459498|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR1977/2020|2020-04-08|EPI_ISL_433269|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21980/2020|2020-06-15|EPI_ISL_566030|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Switzerland/UR-ETHZ-200014/2020|2020-07-13|EPI_ISL_510703|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Northern Ireland/QEUI-96AB0A/2020|2020-08-17|EPI_ISL_531320|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6159/2020|2020-10-05|EPI_ISL_620062|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-8382B/2020|2020-04-14|EPI_ISL_443568|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1964/2020|2020-09-24|EPI_ISL_677372|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Japan/PG-5266/2020|2020-08-00|EPI_ISL_690369|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-480A51/2020|2020-10-22|EPI_ISL_612205|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC11660/2020|2020-07-24|EPI_ISL_591830|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7083/2020|2020-10-12|EPI_ISL_619097|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/mink/Netherlands/NB-EMC-43-5/2020|2020-09-01|EPI_ISL_577798|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1808/2020|2020-08-31|EPI_ISL_700597|Original|hCoV-19^^Western Cape|Human|Mitchells Plain Hospital wc MPH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/England/QEUI-551E10/2020|2020-05-12|EPI_ISL_532270|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1440/2020|2020-04-19|EPI_ISL_563977|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/MD-IBV-99008475/2020|2020-08-08|EPI_ISL_654058|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-AB0366/2020|2020-10-23|EPI_ISL_623437|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0873/2020|2020-06-16|EPI_ISL_610009|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/EXET-138736/2020|2020-10-17|EPI_ISL_627426|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/LOND-12E85EC/2020|2020-12-15|EPI_ISL_741333|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-4914/2020|2020-07-00|EPI_ISL_690034|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/MN-MDH-1500/2020|2020-03-24|EPI_ISL_518893|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-82EFD/2020|2020-04-13|EPI_ISL_443330|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11520/2020|2020-07-18|EPI_ISL_625577|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Portugal/PT2032/2020|2020-11-09|EPI_ISL_732248|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/NORT-294F3F/2020|2020-03-29|EPI_ISL_488467|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A0AE11/2020|2020-10-03|EPI_ISL_599145|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2938/2020|2020-07-09|EPI_ISL_521769|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Austria/CeMM1094/2020|2020-08-03|EPI_ISL_583890|Original|hCoV-19^^St. Wolfgang|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Denmark/DCGC-4240/2020|2020-09-14|EPI_ISL_622133|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7AF64/2020|2020-10-14|EPI_ISL_607501|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL545/2020|2020-08-05|EPI_ISL_578949|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/CA-CZB-1265/2020|2020-05-12|EPI_ISL_454685|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Scotland/CVR2041/2020|2020-04-09|EPI_ISL_490654|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC6950/2020|2020-07-21|EPI_ISL_564161|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16D2DD/2020|2020-09-24|EPI_ISL_574223|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-0905/2020|2020-06-04|EPI_ISL_525924|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Scotland/CVR377/2020|2020-03-23|EPI_ISL_439066|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Colombia/MAG-GVI-93450/2020|2020-04-01|EPI_ISL_447777|Original|hCoV-19^^Magdalena|Human|Instituto Nacional de Salud|Grupo de Investigaciones Microbiol\u00f3gicas-UR (GIMUR)|Ram\u00e9dez|Colombia

>Spike|hCoV-19/England/MILK-9A6D1B/2020|2020-09-03|EPI_ISL_550048|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH103/2020|2020-07-28|EPI_ISL_754936|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/WY-WPHL-20157057/2020|2020-12-02|EPI_ISL_756130|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Switzerland/LU-ETHZ-260088/2020|2020-08-25|EPI_ISL_539409|Original|hCoV-19^^Luzern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Denmark/DCGC-21103/2020|2020-12-21|EPI_ISL_759556|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-2113/2020|2020-04-11|EPI_ISL_468881|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-DSHS-1232/2020|2020-03-25|EPI_ISL_654753|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Canada/NL_98/2020|2020-03-22|EPI_ISL_469237|Original|hCoV-19^^Newfoundland and Labrador|Human|Public Health Laboratory|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/USA/CA-CZB-12305/2020|2020-10-07|EPI_ISL_648394|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Brazil/SP-L7-CD73/2020|2020-03-24|EPI_ISL_476440|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Sabino|Brazil

>Spike|hCoV-19/Denmark/DCGC-20124/2020|2020-12-07|EPI_ISL_747997|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-234380/2020|2020-10-14|EPI_ISL_680376|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-B55C85/2020|2020-11-05|EPI_ISL_658265|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CACBA/2020|2020-09-16|EPI_ISL_575727|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2615/2020|2020-07-01|EPI_ISL_515018|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Scotland/GCVR-173C8B/2020|2020-04-05|EPI_ISL_459101|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2856/2020|2020-07-02|EPI_ISL_521687|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-10603/2020|2020-11-02|EPI_ISL_670080|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-96AEA7/2020|2020-08-14|EPI_ISL_531273|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CD77A/2020|2020-09-16|EPI_ISL_566163|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1629/2020|2020-09-00|EPI_ISL_605503|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/New Zealand/20VR2024/2020|2020-00-00|EPI_ISL_579211|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMB-1AD59C/2020|2020-04-25|EPI_ISL_489535|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S854/2020|2020-04-24|EPI_ISL_463344|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/20138024104/2020|2020-03-25|EPI_ISL_423304|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0185/2020|2020-04-07|EPI_ISL_437401|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/FL-BPHL-1561/2020|2020-09-10|EPI_ISL_568659|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/South Africa/KRISP-K002624/2020|2020-08-01|EPI_ISL_535487|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/BRIS-128FD7/2020|2020-04-19|EPI_ISL_458857|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4263/2020|2020-10-20|EPI_ISL_648923|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49FBE3/2020|2020-12-09|EPI_ISL_743331|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B8C04D/2020|2020-11-13|EPI_ISL_674371|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7D9F4/2020|2020-04-07|EPI_ISL_441637|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9CDFAF/2020|2020-09-16|EPI_ISL_566283|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2766B/2020|2020-03-30|EPI_ISL_431913|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AE4E2C/2020|2020-10-27|EPI_ISL_633190|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95459C/2020|2020-06-12|EPI_ISL_553740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-110983/2020|2020-06-25|EPI_ISL_746579|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Scotland/QEUA-B69626/2020|2020-11-11|EPI_ISL_676366|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0330/2020|2020-05-18|EPI_ISL_698506|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Japan/PG-5421/2020|2020-08-00|EPI_ISL_690524|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/VC-IBV-98003584/2020|2020-03-31|EPI_ISL_538613|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Spain/MD-H12-25/2020|2020-03-22|EPI_ISL_428688|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/Portugal/PT0359/2020|2020-03-19|EPI_ISL_454075|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CA-UCLA-147/2020|2020-04-07|EPI_ISL_537490|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/France/ARA-19311/2020|2020-04-03|EPI_ISL_508977|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Japan/PG-0496/2020|2020-04-06|EPI_ISL_480155|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A6C82E/2020|2020-10-13|EPI_ISL_608172|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-731E7/2020|2020-03-22|EPI_ISL_440195|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-BC7899/2020|2020-11-21|EPI_ISL_721419|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16C6F0/2020|2020-06-09|EPI_ISL_574085|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4233/2020|2020-09-14|EPI_ISL_622126|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CM-IBV-003770/2020|2020-04-03|EPI_ISL_474805|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Switzerland/BLETHZ-280151/2020|2020-09-09|EPI_ISL_560460|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-2876/2020|2020-06-08|EPI_ISL_543845|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-30FA0/2020|2020-04-09|EPI_ISL_446388|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49A82D/2020|2020-12-02|EPI_ISL_727604|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A0B083/2020|2020-09-30|EPI_ISL_599150|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-98F219/2020|2020-08-29|EPI_ISL_568442|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-16089/2020|2020-11-29|EPI_ISL_738576|Original|hCoV-19^^California|Human|Renegade|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-20377/2020|2020-12-21|EPI_ISL_759115|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/204260213/2020|2020-10-14|EPI_ISL_609899|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6009012/2020|2020-11-19|EPI_ISL_744336|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/BRIS-130A62/2020|2020-04-14|EPI_ISL_492710|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3560/2020|2020-03-25|EPI_ISL_570029|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-AD2489/2020|2020-10-25|EPI_ISL_634197|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4965C0/2020|2020-11-19|EPI_ISL_726605|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20121501/2020|2020-09-13|EPI_ISL_730609|Original|hCoV-19^^Hong Kong|Human|Tuen Mun Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Japan/PG-2485/2020|2020-04-00|EPI_ISL_686090|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Suriname/SR-46/2020|2020-07-07|EPI_ISL_517657|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f4cnger|Suriname

>Spike|hCoV-19/England/ALDP-6EA7B6/2020|2020-06-30|EPI_ISL_557617|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-797A27/2020|2020-07-15|EPI_ISL_533139|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2120/2020|2020-05-00|EPI_ISL_685725|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B108CE/2020|2020-11-02|EPI_ISL_642544|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4579/2020|2020-07-00|EPI_ISL_689716|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0111/2020|2020-05-28|EPI_ISL_522394|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MA-MGH-00446/2020|2020-04-01|EPI_ISL_460352|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Denmark/DCGC-12403/2020|2020-11-16|EPI_ISL_682584|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-14877/2020|2020-11-20|EPI_ISL_739072|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/20138026104/2020|2020-03-26|EPI_ISL_423311|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10033920353/2020|2020-04-13|EPI_ISL_578158|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-10168/2020|2020-00-00|EPI_ISL_547555|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-55949E/2020|2020-06-09|EPI_ISL_558322|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B083F5/2020|2020-10-29|EPI_ISL_643844|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-818/2020|2020-05-26|EPI_ISL_509825|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-BBA0EC/2020|2020-11-20|EPI_ISL_701882|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26159766/2020|2020-04-11|EPI_ISL_485016|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Canada/ON-S1569/2020|2020-09-02|EPI_ISL_755922|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Japan/PG-0285/2020|2020-03-23|EPI_ISL_479964|Original|hCoV-19^^Kanto|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-95F8B6/2020|2020-08-08|EPI_ISL_532336|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/202881378/2020|2020-06-09|EPI_ISL_491713|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-72AA1/2020|2020-03-22|EPI_ISL_439924|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-C463DC/2020|2020-12-10|EPI_ISL_718502|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0300/2020|2020-06-01|EPI_ISL_480951|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-UW-10088/2020|2020-05-29|EPI_ISL_461458|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB2896/2020|2020-04-01|EPI_ISL_488973|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-3996/2020|2020-11-06|EPI_ISL_667520|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/United Arab Emirates/L3290248480/2020|2020-05-19|EPI_ISL_520693|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/England/MILK-AC926D/2020|2020-10-21|EPI_ISL_629402|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A00A44/2020|2020-10-02|EPI_ISL_584897|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMB-72115/2020|2020-03-28|EPI_ISL_439576|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC3DBC/2020|2020-11-25|EPI_ISL_704178|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00661/2020|2020-05-18|EPI_ISL_692974|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Japan/PG-0987/2020|2020-04-00|EPI_ISL_684597|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B08D8E/2020|2020-10-29|EPI_ISL_673178|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL07/2020|2020-04-15|EPI_ISL_435040|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUEH-C32898/2020|2020-12-09|EPI_ISL_782500|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2BFC/2020|2020-12-13|EPI_ISL_743993|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0999-SAN/2020|2020-04-22|EPI_ISL_483453|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Portugal/PT2090/2020|2020-11-08|EPI_ISL_738120|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/CAMC-B324A4/2020|2020-11-05|EPI_ISL_659113|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B51D68/2020|2020-11-08|EPI_ISL_657926|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-135335/2020|2020-04-08|EPI_ISL_457049|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F4CF3/2020|2020-09-25|EPI_ISL_588291|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2523/2020|2020-05-01|EPI_ISL_513898|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-8140/2020|2020-06-30|EPI_ISL_784227|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/201180330/2020|2020-03-11|EPI_ISL_464898|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Switzerland/BE-UNIBE-163-0431/2020|2020-03-16|EPI_ISL_574803|Original|hCoV-19^^Bern|Human|Institute for Infectious Diseases|Institute for Infectious Diseases|Koch|Switzerland

>Spike|hCoV-19/England/QEUEH-A21306/2020|2020-10-01|EPI_ISL_587517|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/KA-InStem-NCBS-0032/2020|2020-06-16|EPI_ISL_477233|Original|hCoV-19^^Karnataka|Human|Institute for Stem Cell Science and Regenerative Medicine|National Centre for Biological Sciences|Ali|India

>Spike|hCoV-19/Germany/BY-MVP-0079/2020|2020-03-30|EPI_ISL_437273|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/England/CAMC-A81EB8/2020|2020-10-12|EPI_ISL_610827|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-339/2020|2020-07-15|EPI_ISL_498800|Original|hCoV-19^^Rajshahi|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/USA/TX-HMH-3424/2020|2020-06-14|EPI_ISL_544182|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-328D0/2020|2020-04-15|EPI_ISL_474363|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D516B/2020|2020-04-15|EPI_ISL_449682|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2901/2020|2020-08-17|EPI_ISL_616535|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BE-ETHZ-100801/2020|2020-03-25|EPI_ISL_451751|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/mink/Netherlands/NB-EMC-9-1/2020|2020-06-03|EPI_ISL_523119|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC2561/2020|2020-07-03|EPI_ISL_522245|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-12274/2020|2020-11-16|EPI_ISL_682455|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-11949/2020|2020-07-22|EPI_ISL_547637|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUEH-BA1710/2020|2020-11-18|EPI_ISL_719661|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1097/2020|2020-12-14|EPI_ISL_722778|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-15D4BC/2020|2020-03-29|EPI_ISL_472726|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1655/2020|2020-09-10|EPI_ISL_605529|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/MI-UM-10034012043/2020|2020-04-24|EPI_ISL_578167|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Denmark/DCGC-9298/2020|2020-11-16|EPI_ISL_668893|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-9F66C6/2020|2020-09-27|EPI_ISL_600664|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68EE4/2020|2020-10-12|EPI_ISL_608646|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B0FB/2020|2020-10-29|EPI_ISL_643494|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII7505S/2020|2020-04-20|EPI_ISL_450255|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-BC1F4F/2020|2020-11-20|EPI_ISL_705146|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1206DA/2020|2020-12-09|EPI_ISL_725639|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B75539/2020|2020-11-12|EPI_ISL_740912|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-95CFB4/2020|2020-06-18|EPI_ISL_554877|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-LACPHL-AF00035/2020|2020-12-20|EPI_ISL_754118|Original|hCoV-19^^California|Human|UCLA Clinical Micro Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/MILK-99290F/2020|2020-08-27|EPI_ISL_552060|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7844/2020|2020-08-00|EPI_ISL_686945|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/South Korea/KCDC2103/2020|2020-03-09|EPI_ISL_498004|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMB-1BB962/2020|2020-11-17|EPI_ISL_679167|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-CZB0167/2020|2020-04-08|EPI_ISL_429053|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Wales/PHWC-49B9B0/2020|2020-12-06|EPI_ISL_742411|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-005159/2020|2020-06-23|EPI_ISL_509646|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-49ADB5/2020|2020-12-03|EPI_ISL_727686|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B3B9BB/2020|2020-11-01|EPI_ISL_679782|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Malaysia/IMR_WC1177/2020|2020-03-05|EPI_ISL_430439|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research Infectious Disease Research Centre|Suppiah|Malaysia

>Spike|hCoV-19/Luxembourg/LNS3493823/2020|2020-10-23|EPI_ISL_740318|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-4A200C/2020|2020-12-14|EPI_ISL_743842|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S693/2020|2020-04-08|EPI_ISL_449863|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Switzerland/SH-ETHZ-410536/2020|2020-11-26|EPI_ISL_737777|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/559/2020|2020-06-19|EPI_ISL_483582|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/MILK-B8C8CD/2020|2020-11-12|EPI_ISL_676004|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204590466/2020|2020-11-06|EPI_ISL_683507|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-2508/2020|2020-04-00|EPI_ISL_690646|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012642645/2020|2020-08-14|EPI_ISL_745550|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B41642/2020|2020-11-08|EPI_ISL_658619|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-01760/2020|2020-07-00|EPI_ISL_636913|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Luxembourg/LNS2907333/2020|2020-03-12|EPI_ISL_419580|Original|hCoV-19^^Luxembourg|Human|Laboratoire National de Sant\u00e9|Laboratoire National de Sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Belgium/ULG-10923/2020|2020-11-24|EPI_ISL_678463|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-A51868/2020|2020-10-07|EPI_ISL_598233|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B73EE5/2020|2020-11-12|EPI_ISL_664344|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC14491/2020|2020-08-09|EPI_ISL_592518|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/LA-BIE-058/2020|2020-04-07|EPI_ISL_455613|Original|hCoV-19^^Louisiana|Human|Ochsner Health|Bioinfoexperts|Cross|USA

>Spike|hCoV-19/Scotland/GCVR-171F57/2020|2020-03-31|EPI_ISL_469944|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4657/2020|2020-07-00|EPI_ISL_689794|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-77F34/2020|2020-04-01|EPI_ISL_440840|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3229/2020|2020-08-24|EPI_ISL_616889|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-93578C/2020|2020-06-21|EPI_ISL_552937|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15485/2020|2020-10-23|EPI_ISL_786969|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-33F61/2020|2020-04-17|EPI_ISL_446846|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-1AE7B3/2020|2020-04-29|EPI_ISL_524615|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9333/2020|2020-08-12|EPI_ISL_565509|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-1577/2020|2020-06-22|EPI_ISL_618147|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B3D579/2020|2020-11-01|EPI_ISL_645399|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B98855/2020|2020-11-15|EPI_ISL_673805|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-84875/2020|2020-03-04|EPI_ISL_440554|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC7344/2020|2020-08-06|EPI_ISL_564350|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/VA-DCLS-2311/2020|2020-10-22|EPI_ISL_734264|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/WA-UW-11656/2020|2020-06-18|EPI_ISL_570455|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/PA-MGSC32-05/2020|2020-03-25|EPI_ISL_436482|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Laboratory|Microbial Genome Sequencing Center|Cooper|USA

>Spike|hCoV-19/USA/WA-S1377/2020|2020-05-19|EPI_ISL_495827|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-10267/2020|2020-11-09|EPI_ISL_669735|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-10933A/2020|2020-10-20|EPI_ISL_652329|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/NOTT-11774C/2020|2020-10-23|EPI_ISL_611833|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19700/2020|2020-12-07|EPI_ISL_749120|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BB1777/2020|2020-11-18|EPI_ISL_720064|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2565/2020|2020-06-00|EPI_ISL_690700|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Finland/20A16S7/2020|2020-04-20|EPI_ISL_481595|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/MILK-ACCF27/2020|2020-10-21|EPI_ISL_630042|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9D1E50/2020|2020-09-19|EPI_ISL_601590|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5D69E/2020|2020-11-09|EPI_ISL_703516|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-4766/2020|2020-08-24|EPI_ISL_730128|Original|hCoV-19^^Baja California|Human|Sharp HealthCare Laboratory|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Italy/LOM-UniMI09/2020|2020-02-24|EPI_ISL_779713|Original|hCoV-19^^Lombardy|Human|Laboratory of Infectious Diseases|Laboratory of Infectious Diseases|Lai|Italy

>Spike|hCoV-19/Wales/MILK-99A697/2020|2020-08-29|EPI_ISL_550397|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B32091/2020|2020-11-04|EPI_ISL_646274|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4B922/2020|2020-10-08|EPI_ISL_628494|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4709/2020|2020-06-20|EPI_ISL_544277|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2770/2020|2020-07-06|EPI_ISL_521605|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-27D0C/2020|2020-04-01|EPI_ISL_431991|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2D5C77/2020|2020-12-19|EPI_ISL_763823|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Anhui/HN015/2020|2020-02-06|EPI_ISL_450418|unknown|hCoV-19^^Anhui|Human|unknown|Anhui Provincial Center for Disease Control|Submitter|China

>Spike|hCoV-19/England/MILK-A2296D/2020|2020-10-03|EPI_ISL_612531|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/20139007504/2020|2020-03-27|EPI_ISL_421860|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-AC9546/2020|2020-10-21|EPI_ISL_629428|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NJ-CDC-2-3693474/2020|2020-11-09|EPI_ISL_747111|Original|hCoV-19^^New Jersey|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/CAMC-B097F8/2020|2020-10-30|EPI_ISL_672957|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SZ-ETHZ-210040/2020|2020-07-23|EPI_ISL_510781|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-ACDCC2/2020|2020-10-21|EPI_ISL_630111|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4946/2020|2020-09-30|EPI_ISL_594710|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D295/2020|2020-12-10|EPI_ISL_742759|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/SP-L39-CD1044/2020|2020-05-13|EPI_ISL_722066|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Belgium/UGent-126/2020|2020-06-15|EPI_ISL_481223|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/ALDP-9FDAF0/2020|2020-10-01|EPI_ISL_588037|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-119DB1/2020|2020-11-03|EPI_ISL_741609|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Iceland/370/2020|2020-03-19|EPI_ISL_424394|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/CA-CHLA-PLM71790747/2020|2020-12-04|EPI_ISL_753614|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22449/2020|2020-11-08|EPI_ISL_708537|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Hong Kong/HKU-200723-030/2020|2020-01-29|EPI_ISL_497797|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/Norway/4619/2020|2020-10-18|EPI_ISL_635101|Original|hCoV-19^^Viken|Human|Medical Microbiology Unit|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Canada/ON-S158/2020|2020-03-24|EPI_ISL_755754|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/WI-UW-1096/2020|2020-07-25|EPI_ISL_516521|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/NOTT-114141/2020|2020-10-04|EPI_ISL_577142|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3880/2020|2020-03-26|EPI_ISL_427199|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-47D50B/2020|2020-10-05|EPI_ISL_586155|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005864/2020|2020-03-05|EPI_ISL_537407|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-7440/2020|2020-06-26|EPI_ISL_546770|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2008829/2020|2020-05-29|EPI_ISL_524849|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-20980/2020|2020-12-21|EPI_ISL_759487|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-909420/2020|2020-06-22|EPI_ISL_551420|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-754B7/2020|2020-03-16|EPI_ISL_425395|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/204591723/2020|2020-11-07|EPI_ISL_700648|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-AC800A/2020|2020-10-21|EPI_ISL_629626|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265D572/2020|2020-03-23|EPI_ISL_483978|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Japan/PG-7905/2020|2020-07-00|EPI_ISL_687006|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-18738/2020|2020-11-21|EPI_ISL_785080|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-3151/2020|2020-08-31|EPI_ISL_615971|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-98F2A0/2020|2020-08-27|EPI_ISL_540388|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0187/2020|2020-05-18|EPI_ISL_698374|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/MI-MDHHS-SC20706/2020|2020-04-27|EPI_ISL_471730|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14861/2020|2020-10-12|EPI_ISL_786345|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-3642/2020|2020-04-00|EPI_ISL_691895|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC13436/2020|2020-08-06|EPI_ISL_563732|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A52524/2020|2020-10-07|EPI_ISL_597887|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0559/2020|2020-05-14|EPI_ISL_574462|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NY-NYUMC19/2020|2020-03-17|EPI_ISL_418204|Original|hCoV-19^^New York|Human|NYU Langone Health|Department of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Northern Ireland/QEUA-964159/2020|2020-08-12|EPI_ISL_536921|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47ED4E/2020|2020-10-10|EPI_ISL_595584|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9AEFD1/2020|2020-09-03|EPI_ISL_573523|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA517/2020|2020-11-23|EPI_ISL_703368|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1241/2020|2020-12-08|EPI_ISL_740872|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Netherlands/NB-EMC-283/2020|2020-00-00|EPI_ISL_574782|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC3578/2020|2020-07-08|EPI_ISL_520327|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DBB5F9/2020|2020-11-14|EPI_ISL_664299|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-C2C907/2020|2020-12-08|EPI_ISL_733909|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4510/2020|2020-07-00|EPI_ISL_689649|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-IGI-0006/2020|2020-05-15|EPI_ISL_467946|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/Scotland/EDB10643/2020|2020-12-01|EPI_ISL_705790|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-5D9557/2020|2020-06-18|EPI_ISL_558576|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-D333A/2020|2020-03-23|EPI_ISL_475509|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15888/2020|2020-11-23|EPI_ISL_714085|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC6558/2020|2020-07-17|EPI_ISL_521326|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/BS-UHB-42190051/2020|2020-03-13|EPI_ISL_528058|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-3681/2020|2020-09-07|EPI_ISL_615456|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B7D58C/2020|2020-11-14|EPI_ISL_741873|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-BA9DF8/2020|2020-11-17|EPI_ISL_783206|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B463EC/2020|2020-11-07|EPI_ISL_656110|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1334/2020|2020-04-03|EPI_ISL_654916|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NY-PV09385/2020|2020-03-19|EPI_ISL_450068|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Spain/RI-IBV-99010908/2020|2020-08-03|EPI_ISL_732754|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CHLA-PLM50981298/2020|2020-11-15|EPI_ISL_753337|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Wales/PHWC-4A4662/2020|2020-12-16|EPI_ISL_764718|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-AB975/2020|2020-06-12|EPI_ISL_612444|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Tunisia/6736/2020|2020-03-31|EPI_ISL_707792|Original|hCoV-19^^Tunis|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/USA/TX-DSHS-0629/2020|2020-06-25|EPI_ISL_576285|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13456/2020|2020-08-23|EPI_ISL_788591|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-10938/2020|2020-11-02|EPI_ISL_670297|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/205260312/2020|2020-12-07|EPI_ISL_766514|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-72FC0/2020|2020-03-22|EPI_ISL_440279|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/DL-NCDC7624-CSIR-IGIB/2020|2020-05-28|EPI_ISL_482650|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/England/QEUH-96C661/2020|2020-08-04|EPI_ISL_530932|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17108/2020|2020-12-14|EPI_ISL_750762|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20118087404/2020|2020-03-12|EPI_ISL_464945|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11295/2020|2020-11-02|EPI_ISL_670820|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/IB-IBV-2506/2020|2020-03-20|EPI_ISL_468976|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-955BF3/2020|2020-06-12|EPI_ISL_555417|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-484923/2020|2020-10-16|EPI_ISL_628059|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-410880/2020|2020-12-14|EPI_ISL_737744|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A47F60/2020|2020-10-06|EPI_ISL_598458|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17422/2020|2020-08-19|EPI_ISL_663881|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-GMF-31401/2020|2020-11-04|EPI_ISL_661087|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/NOTT-110CBD/2020|2020-05-01|EPI_ISL_448403|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1729/2020|2020-09-16|EPI_ISL_576238|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/NOTT-114448/2020|2020-10-07|EPI_ISL_577164|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21850/2020|2020-04-27|EPI_ISL_565893|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-QDX-356/2020|2020-03-22|EPI_ISL_571099|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/WI-UW-2466/2020|2020-12-28|EPI_ISL_759741|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Moreno|USA
>Spike|hCoV-19/Sweden/20-08909/2020|2020-05-28|EPI_ISL_510815|Original|hCoV-19^^Stockholm|Human|NA|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden
>Spike|hCoV-19/Netherlands/ZH-EMC-804/2020|2020-10-14|EPI_ISL_632683|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands
>Spike|hCoV-19/Australia/VIC7874/2020|2020-08-10|EPI_ISL_564720|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/Chile/MA-ISPCH-2/2020|2020-03-15|EPI_ISL_445269|Original|hCoV-19^^Magallanes|Human|HOSPITAL REG.LAUTARO NAVARRO AVARI\u00c1|Instituto de Salud Publica de Chile|Fernandez|Chile
>Spike|hCoV-19/Mexico/CMX-INdRE-07/2020|2020-02-28|EPI_ISL_452139|Original|hCoV-19^^State of Mexico|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de diagn\u00f3stico y Referencia Epidemiologicos (INDRE)|Rodriguez|Mexico
>Spike|hCoV-19/England/QEUH-AD5AEE/2020|2020-10-26|EPI_ISL_634685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/VIC14097/2020|2020-09-16|EPI_ISL_562726|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/WI-UW-1314/2020|2020-08-27|EPI_ISL_536686|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/USA/CA-ALSR-4366/2020|2020-07-15|EPI_ISL_648992|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/CAMB-75D3C/2020|2020-03-28|EPI_ISL_438336|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom
>Spike|hCoV-19/England/MILK-AC7C34/2020|2020-10-22|EPI_ISL_634380|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-6944/2020|2020-10-12|EPI_ISL_619790|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/USA/MI-QDX-1158/2020|2020-03-24|EPI_ISL_571888|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/Singapore/231/2020|2020-03-27|EPI_ISL_462349|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore
>Spike|hCoV-19/Japan/IC-0235/2020|2020-09-00|EPI_ISL_667664|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Japan/PG-7255/2020|2020-08-00|EPI_ISL_688358|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Japan/PG-5889/2020|2020-08-00|EPI_ISL_689004|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/England/CAMC-B9948D/2020|2020-11-15|EPI_ISL_673784|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-2015/2020|2020-07-20|EPI_ISL_618229|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/South Africa/L00158/2020|2020-07-26|EPI_ISL_622986|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Scotland/GCVR-16FEB9/2020|2020-03-22|EPI_ISL_489584|Original|hCoV-19^^Scotland|Human|NHS GGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA_0020/2020|2020-03-05|EPI_ISL_424843|Original|hCoV-19^^Massachusetts|Human|MA State Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Japan/PG-8065/2020|2020-07-00|EPI_ISL_687166|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CZB-10854/2020|2020-07-27|EPI_ISL_583098|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WA-S2380/2020|2020-06-12|EPI_ISL_497012|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12611/2020|2020-08-31|EPI_ISL_789839|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/NS-NML-1341/2020|2020-04-12|EPI_ISL_579718|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/Portugal/PT0215/2020|2020-03-30|EPI_ISL_453929|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/QEUH-B9E7AD/2020|2020-11-18|EPI_ISL_719948|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9DE600/2020|2020-09-21|EPI_ISL_581174|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Mexico/NLE-UANL-013/2020|2020-05-23|EPI_ISL_779178|Original|hCoV-19^^Nuevo Leon|Human|Laboratorio de Infectolog\u00eda|Laboratorio de Infectolog\u00eda Molecular|Gal\u00e9n|Mexico

>Spike|hCoV-19/England/QEUH-9DCFCB/2020|2020-09-21|EPI_ISL_599642|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Nigeria/ED1010-CV215/2020|2020-05-04|EPI_ISL_527879|Original|hCoV-19^^Edo|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/India/MH-NIV-99913/2020|2020-07-06|EPI_ISL_541751|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/Vietnam/HCMC-35022/2020|2020-03-24|EPI_ISL_498171|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19/Australia/VIC7798/2020|2020-08-02|EPI_ISL_564666|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-11686/2020|2020-09-28|EPI_ISL_625495|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/ALDP-6C02E2/2020|2020-07-02|EPI_ISL_557901|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-135F13/2020|2020-04-01|EPI_ISL_457181|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUH-B7EBF2/2020|2020-11-14|EPI_ISL_661677|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-8FCD53/2020|2020-06-24|EPI_ISL_551413|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3562/2020|2020-03-24|EPI_ISL_570030|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB2684/2020|2020-04-26|EPI_ISL_439264|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/OH-ODH-SC35013/2020|2020-04-23|EPI_ISL_765209|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/Denmark/DCGC-5797/2020|2020-09-28|EPI_ISL_620984|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-1492/2020|2020-04-24|EPI_ISL_542752|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000617/2020|2020-03-12|EPI_ISL_632073|Original|hCoV-19^^New York|Human|OCME Office Of Chief Medical Examiner|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUEH-C321AC/2020|2020-12-11|EPI_ISL_782717|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2121/2020|2020-03-15|EPI_ISL_498022|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-MCoV-15325/2020|2020-10-21|EPI_ISL_786809|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7051/2020|2020-08-00|EPI_ISL_688156|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-10185/2020|2020-07-06|EPI_ISL_789360|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB11103/2020|2020-12-04|EPI_ISL_763511|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/ALDP-94C791/2020|2020-06-15|EPI_ISL_556057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5477/2020|2020-08-00|EPI_ISL_690580|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-AD3673/2020|2020-10-26|EPI_ISL_633925|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-973166/2020|2020-08-20|EPI_ISL_575977|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6104/2020|2020-05-12|EPI_ISL_478225|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8651/2020|2020-10-26|EPI_ISL_625994|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0634/2020|2020-06-26|EPI_ISL_576290|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC858/2020|2020-04-05|EPI_ISL_427117|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DBD4FA/2020|2020-10-28|EPI_ISL_664362|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUA-B80EB8/2020|2020-11-14|EPI_ISL_667838|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LEED-2A85EB/2020|2020-03-27|EPI_ISL_539053|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-ED1AC/2020|2020-06-18|EPI_ISL_478720|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20651/2020|2020-12-21|EPI_ISL_758755|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A7AC6D/2020|2020-10-16|EPI_ISL_606651|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15025/2020|2020-11-23|EPI_ISL_713587|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/LA-EVTL541/2020|2020-06-26|EPI_ISL_578945|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/NY-Wadsworth-142781-01/2020|2020-04-10|EPI_ISL_676975|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/WA-UW-13370/2020|2020-07-01|EPI_ISL_570967|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-DSHS-0840/2020|2020-06-08|EPI_ISL_593582|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Russia/MUR-RII-MH1701S/2020|2020-09-17|EPI_ISL_602345|Original|hCoV-19^^Murmansk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-CDC-4708/2020|2020-06-04|EPI_ISL_535685|Original|hCoV-19^^California|Human|CDPH|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Luxembourg/LNS3858275/2020|2020-10-24|EPI_ISL_740383|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-7987/2020|2020-08-00|EPI_ISL_687088|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-48FA25/2020|2020-11-10|EPI_ISL_681175|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC7522/2020|2020-00-00|EPI_ISL_564468|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-17516/2020|2020-12-14|EPI_ISL_750272|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BE-ChVir-W1060-4393/2020|2020-03-30|EPI_ISL_753928|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/SHEF-10B2DF4/2020|2020-05-16|EPI_ISL_537253|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9B2B9/2020|2020-03-27|EPI_ISL_449428|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/GA-EHC-043Q/2020|2020-03-15|EPI_ISL_754759|Original|hCoV-19^^Georgia|Human|Emory Molecular Diagnostics Laboratory|Piantadosi Lab|Piantadosi|USA

>Spike|hCoV-19/England/QEUA-C34034/2020|2020-12-11|EPI_ISL_734066|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16354/2020|2020-11-16|EPI_ISL_714719|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S429/2020|2020-03-25|EPI_ISL_434189|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/OXON-AFBB7/2020|2020-04-16|EPI_ISL_478810|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LOND-D6391/2020|2020-04-21|EPI_ISL_487537|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1025/2020|2020-06-03|EPI_ISL_526914|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-110508/2020|2020-04-07|EPI_ISL_451914|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-19414/2020|2020-11-30|EPI_ISL_783826|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC285/2020|2020-03-22|EPI_ISL_419976|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012086186/2020|2020-08-08|EPI_ISL_745614|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Jordan/AM-ALSR-5158/2020|2020-10-18|EPI_ISL_730397|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/QEUA-997C2F/2020|2020-08-28|EPI_ISL_559753|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Italy/UMB-IZSUM-48682-15/2020|2020-10-29|EPI_ISL_763096|Original|hCoV-19^^Umbria|Human|Istituto Zooprofilattico Sperimentale dell' Umbria e delle Marche - Togo Rosati|Istituto Superiore di Sanit\u00e0|De Sabato|Italy

>Spike|hCoV-19/Switzerland/BE-ETHZ-400066/2020|2020-12-05|EPI_ISL_729118|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-2431C/2020|2020-03-18|EPI_ISL_474229|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20638/2020|2020-04-26|EPI_ISL_462720|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-A0BE98/2020|2020-09-29|EPI_ISL_599296|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-2057/2020|2020-04-16|EPI_ISL_456102|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/USA/NY-QDX-2536/2020|2020-03-16|EPI_ISL_604830|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/LA-GBCL-26684462/2020|2020-04-04|EPI_ISL_485283|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/TX-HMH-1819/2020|2020-05-14|EPI_ISL_542862|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/1492/2020|2020-12-22|EPI_ISL_754101|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/WSFT-25C1000/2020|2020-04-22|EPI_ISL_492839|Original|hCoV-19^^England|Human|Department of Medical Microbiology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18187/2020|2020-11-13|EPI_ISL_784535|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-8492/2020|2020-10-26|EPI_ISL_625916|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-2219/2020|2020-08-07|EPI_ISL_667150|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/PHWC-481CC3/2020|2020-10-12|EPI_ISL_611663|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Austria/CeMM0809/2020|2020-04-27|EPI_ISL_583711|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/CA-CZB-3890/2020|2020-07-21|EPI_ISL_548543|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-5163/2020|2020-06-22|EPI_ISL_544570|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC14045/2020|2020-08-20|EPI_ISL_563944|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48AE3D/2020|2020-11-04|EPI_ISL_665659|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0201/2020|2020-06-08|EPI_ISL_560814|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-3874/2020|2020-09-07|EPI_ISL_615592|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-3389/2020|2020-05-00|EPI_ISL_691503|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-CHLA-PLM62737694/2020|2020-11-30|EPI_ISL_753545|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/CAMB-754FB/2020|2020-03-13|EPI_ISL_425399|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2353/2020|2020-11-15|EPI_ISL_728119|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/GCVR-171A29/2020|2020-03-27|EPI_ISL_489455|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-2247/2020|2020-03-24|EPI_ISL_426129|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MN-MDH-119/2020|2020-03-20|EPI_ISL_427275|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/Japan/PG-4524/2020|2020-08-00|EPI_ISL_689663|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC8420/2020|2020-07-28|EPI_ISL_565000|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-6867/2020|2020-10-12|EPI_ISL_619712|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-9E46CB/2020|2020-09-23|EPI_ISL_600972|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201016782/2020|2020-05-30|EPI_ISL_594017|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/EDB4706/2020|2020-05-10|EPI_ISL_449323|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/AZ-TG396354/2020|2020-06-10|EPI_ISL_694812|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12999/2020|2020-08-28|EPI_ISL_788150|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7598/2020|2020-07-00|EPI_ISL_686700|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-96AE98/2020|2020-08-15|EPI_ISL_531240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12530/2020|2020-11-16|EPI_ISL_682711|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9FB12A/2020|2020-09-29|EPI_ISL_588235|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10657/2020|2020-11-02|EPI_ISL_669739|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A6C28A/2020|2020-10-07|EPI_ISL_609006|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1063/2020|2020-04-06|EPI_ISL_473783|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Portugal/PT0200/2020|2020-03-29|EPI_ISL_453916|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-523C77/2020|2020-06-02|EPI_ISL_559058|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR44/2020|2020-03-13|EPI_ISL_425772|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18843/2020|2020-11-23|EPI_ISL_785162|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9D16C1/2020|2020-09-14|EPI_ISL_573654|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9937/2020|2020-11-09|EPI_ISL_669281|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-41115-01/2020|2020-04-06|EPI_ISL_676819|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Philippines/PH-RITM-0012/2020|2020-03-06|EPI_ISL_491468|Original|hCoV-19^^NCR|Human|Research Institute for Tropical Medicine|Research Institute for Tropical Medicine|Polotan|Philippines

>Spike|hCoV-19/Australia/VIC5286/2020|2020-07-22|EPI_ISL_520050|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-13598/2020|2020-08-20|EPI_ISL_788708|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-ALF64E/2020|2020-10-01|EPI_ISL_598973|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008650/2020|2020-09-29|EPI_ISL_654185|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/AZ-TG280089/2020|2020-04-29|EPI_ISL_694145|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-95D9F1/2020|2020-06-19|EPI_ISL_556186|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-52537/2020|2020-08-05|EPI_ISL_534250|Original|hCoV-19^^Gavleborg|Human|Gavle Sjukhus|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-A68224/2020|2020-10-12|EPI_ISL_608502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16D1D0/2020|2020-09-18|EPI_ISL_574210|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12911/2020|2020-12-07|EPI_ISL_712457|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-281613-01/2020|2020-11-30|EPI_ISL_754411|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/MA-MGH-03419/2020|2020-11-11|EPI_ISL_765829|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/QEUH-B80AF0/2020|2020-11-14|EPI_ISL_661952|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BC74D1/2020|2020-11-22|EPI_ISL_721192|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0794/2020|2020-05-20|EPI_ISL_583704|Original|hCoV-19^^Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Scotland/GCVR-170037/2020|2020-03-24|EPI_ISL_459691|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-8937D8/2020|2020-07-28|EPI_ISL_532753|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-698/2020|2020-06-29|EPI_ISL_491376|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-13659/2020|2020-11-30|EPI_ISL_712943|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16455/2020|2020-11-16|EPI_ISL_714154|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9A84AB/2020|2020-09-02|EPI_ISL_550180|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-2529/2020|2020-03-15|EPI_ISL_604825|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Canada/ON-E37/2020|2020-05-26|EPI_ISL_593515|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC21218/2020|2020-04-08|EPI_ISL_507475|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Italy/LOM-INMI-BG-7158/2020|2020-02-24|EPI_ISL_460081|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/USA/WI-UW-2666/2020|2020-12-29|EPI_ISL_791179|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Denmark/DCGC-18458/2020|2020-12-07|EPI_ISL_749980|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-9CF022/2020|2020-09-17|EPI_ISL_601888|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3703/2020|2020-06-15|EPI_ISL_543121|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-IGI-0406/2020|2020-07-20|EPI_ISL_756318|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/England/BRIS-1266F2/2020|2020-04-09|EPI_ISL_459074|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14517/2020|2020-11-30|EPI_ISL_711813|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B31E5C/2020|2020-11-04|EPI_ISL_646383|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4761/2020|2020-08-00|EPI_ISL_689897|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-E8A1F/2020|2020-00-00|EPI_ISL_448264|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/ALDP-BB8BDE/2020|2020-11-20|EPI_ISL_703159|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2008180319/2020|2020-08-17|EPI_ISL_710218|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-950150/2020|2020-06-16|EPI_ISL_555190|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B83574/2020|2020-11-14|EPI_ISL_675700|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0422/2020|2020-04-13|EPI_ISL_626401|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/ALDP-A6F8D0/2020|2020-10-15|EPI_ISL_607022|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20403/2020|2020-12-21|EPI_ISL_759126|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D5ECE/2020|2020-04-19|EPI_ISL_444257|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/CAMC-B3428A/2020|2020-11-05|EPI_ISL_659549|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C33D98/2020|2020-12-11|EPI_ISL_734073|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2D0D79/2020|2020-03-31|EPI_ISL_475280|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-C3B914/2020|2020-12-11|EPI_ISL_730988|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B66674/2020|2020-11-11|EPI_ISL_661500|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/SRC-17881c/2020|2020-03-19|EPI_ISL_435425|Original|hCoV-19^^Szeged|Human|Virological Research Group|Bioinformatics Research Group|Herczeg|Hungary

>Spike|hCoV-19/USA/MI-MDHHS-SC20653/2020|2020-04-27|EPI_ISL_462735|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/India/MH-NIV-136271/2020|2020-07-26|EPI_ISL_541695|Original|hCoV-19^^Maharashtra|Human|National Institute of Virology|National Institute of Virology|Potdar|India

>Spike|hCoV-19/England/PORT-2D17A7/2020|2020-04-10|EPI_ISL_514469|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-9F1A83/2020|2020-09-23|EPI_ISL_589677|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9EBED/2020|2020-11-18|EPI_ISL_719783|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-18574/2020|2020-09-03|EPI_ISL_547768|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/ALDP-BB99B5/2020|2020-11-20|EPI_ISL_702653|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1251/2020|2020-03-15|EPI_ISL_572018|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A2D80B/2020|2020-10-05|EPI_ISL_586647|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3BB3C/2020|2020-12-10|EPI_ISL_731768|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3827/2020|2020-07-10|EPI_ISL_520540|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-MDHHS-SC21881/2020|2020-04-16|EPI_ISL_565942|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/MILK-992BCD/2020|2020-08-26|EPI_ISL_552182|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2220/2020|2020-11-13|EPI_ISL_770794|Original|hCoV-19^^Minnesota|Human|Hennepin County Medical Center|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Finland/2LS13A7/2020|2020-10-02|EPI_ISL_756116|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Netherlands/NH-EMC-41/2020|2020-06-08|EPI_ISL_523410|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Singapore/792/2020|2020-06-04|EPI_ISL_512828|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/ALDP-B19FDF/2020|2020-11-01|EPI_ISL_710941|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-ChVir-W1049-5662/2020|2020-03-26|EPI_ISL_754047|Original|hCoV-19^^North Rhine-Westphalia|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Thailand/NIH-1889/2020|2020-03-03|EPI_ISL_434697|Original|hCoV-19^^Nonthaburi|Human|unknown|National Institute of Health. Department of medical Sciences|Okada|Thailand

>Spike|hCoV-19/England/ALDP-BCA720/2020|2020-11-23|EPI_ISL_703357|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-128CC1/2020|2020-04-14|EPI_ISL_458871|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0212/2020|2020-04-04|EPI_ISL_437427|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/NY-NYUMC356/2020|2020-04-08|EPI_ISL_430383|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00242238/2020|2020-03-29|EPI_ISL_536314|Original|hCoV-19^^Quebec|Human|H\u00f4pital Charles-LeMoine|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-2A668/2020|2020-04-06|EPI_ISL_445600|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-SR0457/2020|2020-03-30|EPI_ISL_467979|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20312/2020|2020-04-04|EPI_ISL_447109|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12515/2020|2020-09-30|EPI_ISL_790376|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/BM-03012/2020|2020-03-01|EPI_ISL_415154|Original|hCoV-19^^Kraainem|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-94F664/2020|2020-06-20|EPI_ISL_555994|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2837/2020|2020-08-24|EPI_ISL_616664|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-22434/2020|2020-12-14|EPI_ISL_757412|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-481/2020|2020-03-24|EPI_ISL_571215|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-48DB06/2020|2020-11-01|EPI_ISL_680727|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-CAD85C/2020|2020-12-20|EPI_ISL_760818|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9F6B9/2020|2020-04-18|EPI_ISL_472000|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/UT-02939/2020|2020-04-30|EPI_ISL_498671|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Australia/VIC247/2020|2020-03-21|EPI_ISL_419942|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-22068/2020|2020-12-14|EPI_ISL_757932|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001148/2020|2020-10-26|EPI_ISL_671730|Original|hCoV-19^^New York|Human|DOHMH Jamaica|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Australia/VIC5024/2020|2020-07-15|EPI_ISL_519828|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-2971/2020|2020-09-02|EPI_ISL_635761|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/FL-BPHL-050/2020|2020-04-15|EPI_ISL_436554|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-B09E5D/2020|2020-10-29|EPI_ISL_673039|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9980F5/2020|2020-08-27|EPI_ISL_537187|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-266C6/2020|2020-03-27|EPI_ISL_422251|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-153/2020|2020-06-18|EPI_ISL_480442|Original|hCoV-19^^Rajshahi|Human|National Institute of Laboratory Medicine and Referral Center|Bangladesh Council of Scientific and Industrial Research|Khan|Bangladesh

>Spike|hCoV-19/Russia/CRIE4924360/2020|2020-07-15|EPI_ISL_534337|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Speranskaya|Russia

>Spike|hCoV-19/South Africa/KRISP-0090/2020|2020-04-03|EPI_ISL_467459|Original|hCoV-19^^KwaZulu-Natal|Human|AMPATH-DBN|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-16802/2020|2020-12-14|EPI_ISL_750199|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A6D3E0/2020|2020-10-15|EPI_ISL_608160|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-AEF9B7/2020|2020-10-29|EPI_ISL_662791|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7714D/2020|2020-04-01|EPI_ISL_439437|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15261/2020|2020-11-24|EPI_ISL_738684|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/MILK-A6B40D/2020|2020-10-09|EPI_ISL_608837|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-IGIB11304410/2020|2020-07-00|EPI_ISL_751278|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/USA/UT-02845/2020|2020-04-29|EPI_ISL_513654|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-887/2020|2020-10-30|EPI_ISL_632398|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/UT-UPHL-2009132/2020|2020-05-30|EPI_ISL_525127|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/DE-DHSS-F917921/2020|2020-03-25|EPI_ISL_576226|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/CA-CZB-3950/2020|2020-08-05|EPI_ISL_548577|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Jordan/SR-034/2020|2020-03-17|EPI_ISL_429994|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/ALDP-A94298/2020|2020-10-20|EPI_ISL_624571|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/GA_2147/2020|2020-03-00|EPI_ISL_426418|Original|hCoV-19^^Georgia|Human|GA Department of Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/LA-EVTL1199/2020|2020-12-11|EPI_ISL_768468|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/India/OR-ILSCV30442/2020|2020-05-24|EPI_ISL_481146|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/NV-NSPHL-A0195/2020|2020-05-26|EPI_ISL_515449|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Wales/PHWC-497A0C/2020|2020-11-23|EPI_ISL_726918|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-3425/2020|2020-04-00|EPI_ISL_691537|Original|hCoV-19^^Japan|Human|Sakai City Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/SZ-ETHZ-120043/2020|2020-04-20|EPI_ISL_468231|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-BC45B3/2020|2020-11-25|EPI_ISL_703673|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7113/2020|2020-10-13|EPI_ISL_638305|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BRIS-128A4F/2020|2020-04-14|EPI_ISL_458850|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-AR14/2020|2020-06-06|EPI_ISL_508161|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Scotland/EDB2843/2020|2020-03-31|EPI_ISL_488961|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-C30997/2020|2020-12-07|EPI_ISL_782940|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1818/2020|2020-11-14|EPI_ISL_732041|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC3253/2020|2020-07-10|EPI_ISL_520933|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUA-9E3EA6/2020|2020-09-24|EPI_ISL_601010|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-1533/2020|2020-03-17|EPI_ISL_603816|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-9FA57A/2020|2020-09-29|EPI_ISL_588201|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-121840/2020|2020-12-22|EPI_ISL_764508|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/204742221/2020|2020-00-00|EPI_ISL_649925|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1916/2020|2020-04-22|EPI_ISL_486209|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/New Zealand/20VR2030/2020|2020-04-01|EPI_ISL_456338|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Iran/K1r-116/2020|2020-04-27|EPI_ISL_568503|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/England/NORT-28C389/2020|2020-05-13|EPI_ISL_478598|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Chile/RM-130924/2020|2020-07-22|EPI_ISL_746623|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/UT-UPHL-2009023/2020|2020-05-13|EPI_ISL_525329|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-9C39BA/2020|2020-09-10|EPI_ISL_566833|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3760/2020|2020-06-03|EPI_ISL_636187|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/IC-0396/2020|2020-12-00|EPI_ISL_736907|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/IC-0457/2020|2020-12-00|EPI_ISL_768666|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CO-CSU-D0590-2/2020|2020-04-29|EPI_ISL_527420|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Israel/CVL-75-ngs/2020|2020-12-24|EPI_ISL_776648|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-B948A4/2020|2020-11-14|EPI_ISL_676227|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-n-7501/2020|2020-04-11|EPI_ISL_475012|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/USA/CA-CZB-10158/2020|2020-05-22|EPI_ISL_672236|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC1408/2020|2020-04-16|EPI_ISL_456426|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/LIVE-DC2850/2020|2020-11-24|EPI_ISL_703735|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM41302615/2020|2020-11-19|EPI_ISL_753381|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Scotland/CVR2163/2020|2020-04-11|EPI_ISL_473511|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/NOTT-1153A4/2020|2020-10-13|EPI_ISL_595239|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-6102/2020|2020-08-00|EPI_ISL_689214|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG409929/2020|2020-06-24|EPI_ISL_694960|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Canada/BC-BCCDC-7233/2020|2020-11-00|EPI_ISL_740625|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/Egypt/EGY-S033/2020|2020-08-17|EPI_ISL_526988|Original|hCoV-19^^Egypt|Human|Biological prevention|Biological prevention|Seadawy|Egypt

>Spike|hCoV-19/USA/UT-01231/2020|2020-04-08|EPI_ISL_436913|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NY-Wadsworth-46276-01/2020|2020-04-13|EPI_ISL_677665|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-18349/2020|2020-12-07|EPI_ISL_749909|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-A736C/2020|2020-03-28|EPI_ISL_517008|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr236606/2020|2020-12-20|EPI_ISL_770513|Original|hCoV-19^^Alytaus apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/Australia/VIC8207/2020|2020-08-10|EPI_ISL_564899|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/UGent-205/2020|2020-10-22|EPI_ISL_717588|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/QEUH-B3FB1B/2020|2020-11-08|EPI_ISL_658621|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1449/2020|2020-12-06|EPI_ISL_728185|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-9387/2020|2020-11-16|EPI_ISL_668945|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-9AB305/2020|2020-08-31|EPI_ISL_551255|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200729/2020|2020-07-06|EPI_ISL_631485|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Denmark/ALAB-SSI-711/2020|2020-03-28|EPI_ISL_444869|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/ALDP-A952F1/2020|2020-10-20|EPI_ISL_624639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20619/2020|2020-04-29|EPI_ISL_462701|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-B02698/2020|2020-10-24|EPI_ISL_642911|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG371273/2020|2020-05-15|EPI_ISL_694532|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00232723/2020|2020-03-22|EPI_ISL_535994|Original|hCoV-19^^Quebec|Human|H\u00f4pital Laurentien|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Australia/VIC14493/2020|2020-08-13|EPI_ISL_592520|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/France/PAC-MEPHI-0143/2020|2020-03-18|EPI_ISL_644403|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/ALDP-AC11C2/2020|2020-10-10|EPI_ISL_630985|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QRTP-Donor1/2020|2020-04-01|EPI_ISL_490210|Original|hCoV-19^^California|Human|Quest Diagnostics|Q Squared Solutions - QRTP facility|Weigman|USA

>Spike|hCoV-19/USA/CA-ALSR-1878/2020|2020-05-20|EPI_ISL_512216|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-2ACB1/2020|2020-04-06|EPI_ISL_445689|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9C8D31/2020|2020-09-10|EPI_ISL_567170|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1120/2020|2020-04-22|EPI_ISL_542542|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CC1B9/2020|2020-09-16|EPI_ISL_573090|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/EXET-138A5B/2020|2020-10-14|EPI_ISL_626686|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16329/2020|2020-11-02|EPI_ISL_786013|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B36938/2020|2020-11-05|EPI_ISL_645309|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Nepal/70N/2020|2020-08-03|EPI_ISL_754073|Original|hCoV-19^^Rautahat|Human|National Public Health Laboratory|Nepal Health Research Council|Bhattarai|Nepal

>Spike|hCoV-19/Italy/APU-UniMI-5428/2020|2020-04-11|EPI_ISL_525564|Original|hCoV-19^^Apulia|Human|Istituto Zooprofilattico Sperimentale Puglia e Basilicata; Dipartimento di Bioscienze|Beaconlab (Bioinformatics|Chiara|Italy

>Spike|hCoV-19/England/MILK-A7C3A2/2020|2020-10-15|EPI_ISL_606441|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B94C11/2020|2020-11-14|EPI_ISL_673828|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-64F3A/2020|2020-09-25|EPI_ISL_594533|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3744/2020|2020-07-24|EPI_ISL_548431|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/SHEF-D193A/2020|2020-04-11|EPI_ISL_442495|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Gibraltar/204641715/2020|2020-00-00|EPI_ISL_637193|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Spain/AR-IBV-98010582/2020|2020-10-05|EPI_ISL_722245|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Netherlands/OV-EMC-119/2020|2020-11-07|EPI_ISL_763159|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-962C5A/2020|2020-08-10|EPI_ISL_531764|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-WCMP12C09P/2020|2020-03-16|EPI_ISL_427602|Original|hCoV-19^^New York|Human|NewYork-Presbyterian & Mason Lab|Mason Lab|Mason|USA

>Spike|hCoV-19/England/ALDP-BB56EF/2020|2020-11-20|EPI_ISL_703083|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-016/2020|2020-03-13|EPI_ISL_417966|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-A0019A/2020|2020-09-30|EPI_ISL_600359|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Panama/329893/2020|2020-03-09|EPI_ISL_496655|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Portugal/PT1833/2020|2020-11-09|EPI_ISL_732054|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-164CC9/2020|2020-05-21|EPI_ISL_479369|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC719/2020|2020-03-21|EPI_ISL_451434|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/PA-MGEL-00160/2020|2020-04-12|EPI_ISL_681950|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/NOTT-11233E/2020|2020-04-30|EPI_ISL_484372|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-80F33D/2020|2020-07-16|EPI_ISL_557199|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0611919/2020|2020-06-11|EPI_ISL_734493|Original|hCoV-19^^Overijse|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Canada/NS-NML-1363/2020|2020-04-14|EPI_ISL_579739|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/CAMC-BC011D/2020|2020-11-22|EPI_ISL_704718|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0972/2020|2020-03-29|EPI_ISL_511521|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-8343/2020|2020-08-00|EPI_ISL_687442|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Russia/Moscow-25I/2020|2020-04-02|EPI_ISL_428851|Vero Pl|hCoV-19^^Moscow|Human|FSBSI \Chumakov Federal Scientific Center for Research and Development of Immune-and-Biological Products of Russian Academy of Sciences\|FSBSI \Chumakov Federal Scientific Center for Research and Development of Immune-and-Biological Products of Russian Academy of Sciences\ & NRC \Kurchatov institute\|Kozlovskaya|Russia

>Spike|hCoV-19/USA/TX-DSHS-1605/2020|2020-09-04|EPI_ISL_700709|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-163AC0/2020|2020-05-07|EPI_ISL_474039|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9E456/2020|2020-04-02|EPI_ISL_453302|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19285/2020|2020-12-07|EPI_ISL_748864|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/SZ-ETHZ-190018/2020|2020-07-06|EPI_ISL_500883|Original|hCoV-19^^Schwyz|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-18549/2020|2020-11-19|EPI_ISL_784897|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18130/2020|2020-11-13|EPI_ISL_784478|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-ABBC51/2020|2020-10-21|EPI_ISL_631051|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15110/2020|2020-10-20|EPI_ISL_786594|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/SP-279/2020|2020-03-23|EPI_ISL_527858|Original|hCoV-19^^S\u00e3o Paulo|Human|Pronto Atendimento Sancta Maggiore Jardim Paulista|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/DRC/2363/2020|2020-04-14|EPI_ISL_437194|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Muyembe|Democratic Republic of the Congo

>Spike|hCoV-19/England/ALDP-B62757/2020|2020-11-07|EPI_ISL_656572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B2DE17/2020|2020-11-03|EPI_ISL_646186|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-A9EC81/2020|2020-10-20|EPI_ISL_611296|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-92099D/2020|2020-06-23|EPI_ISL_552863|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3175/2020|2020-03-25|EPI_ISL_579464|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Denmark/DCGC-1185/2020|2020-05-18|EPI_ISL_614831|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-281B31/2020|2020-03-23|EPI_ISL_472179|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr222/2020|2020-08-05|EPI_ISL_636847|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/MILK-958510/2020|2020-06-09|EPI_ISL_554691|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1907/2020|2020-04-00|EPI_ISL_685513|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/ME-HETL-J0059/2020|2020-03-16|EPI_ISL_513470|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Wales/PHWC-4A0B0D/2020|2020-12-10|EPI_ISL_743544|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0451/2020|2020-12-17|EPI_ISL_755548|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Australia/WA503/2020|2020-12-03|EPI_ISL_708796|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/VA-DCLS-0132/2020|2020-04-14|EPI_ISL_437771|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/NORW-F158B/2020|2020-10-23|EPI_ISL_627605|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2033831/2020|2020-10-27|EPI_ISL_740042|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/ALDP-C3D2BD/2020|2020-12-10|EPI_ISL_736771|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9F5F9F/2020|2020-09-27|EPI_ISL_600882|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A879FD/2020|2020-10-16|EPI_ISL_606095|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17254/2020|2020-12-14|EPI_ISL_750859|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-03864/2020|2020-04-08|EPI_ISL_470723|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Finland/9A784S11A/2020|2020-04-09|EPI_ISL_481734|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Wales/PHWC-4956FB/2020|2020-11-23|EPI_ISL_726385|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000343/2020|2020-04-10|EPI_ISL_631855|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Canada/ON-PHL-20-03775/2020|2020-11-00|EPI_ISL_775084|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/NOTT-111B0A/2020|2020-05-28|EPI_ISL_461961|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-71D78C/2020|2020-07-01|EPI_ISL_557692|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11192/2020|2020-11-02|EPI_ISL_670446|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-3369/2020|2020-03-27|EPI_ISL_491020|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-1539/2020|2020-04-00|EPI_ISL_685145|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-3967/2020|2020-07-00|EPI_ISL_692215|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-17736/2020|2020-12-14|EPI_ISL_750253|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B40072/2020|2020-11-08|EPI_ISL_657198|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-5FB2F/2020|2020-05-19|EPI_ISL_473376|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18328/2020|2020-11-18|EPI_ISL_784676|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-10C97ED/2020|2020-12-21|EPI_ISL_763368|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Brazil/RJ-INCA-C189/2020|2020-04-30|EPI_ISL_513523|Original|hCoV-19^^Rio de Janeiro|Human|Programa de Oncovirologia|Programa de Oncovirologia|Ramos Goes|Brazil

>Spike|hCoV-19/USA/WA-UW-13070/2020|2020-06-30|EPI_ISL_570946|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-1524/2020|2020-04-25|EPI_ISL_542773|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-310512/2020|2020-10-08|EPI_ISL_603580|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/LIVE-1D51E2/2020|2020-09-19|EPI_ISL_572817|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_61/2020|2020-05-18|EPI_ISL_460960|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-UW-4407/2020|2020-03-31|EPI_ISL_426137|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC20325/2020|2020-03-15|EPI_ISL_450604|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-5663/2020|2020-09-28|EPI_ISL_619950|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B23FA5/2020|2020-11-04|EPI_ISL_646388|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1539/2020|2020-08-03|EPI_ISL_527604|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/QEUEH-96E2B6/2020|2020-08-20|EPI_ISL_530554|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG332684/2020|2020-05-28|EPI_ISL_694355|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC13295/2020|2020-07-28|EPI_ISL_563655|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Brazil/RS-00645/2020|2020-11-25|EPI_ISL_770591|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/ALDP-9FCD07/2020|2020-10-02|EPI_ISL_587811|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AD5B/2020|2020-12-03|EPI_ISL_727681|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20456/2020|2020-05-07|EPI_ISL_459995|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-UM-10036567616/2020|2020-10-22|EPI_ISL_640275|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-A704BA/2020|2020-10-15|EPI_ISL_607671|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B67F4B/2020|2020-11-11|EPI_ISL_661959|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5956/2020|2020-05-02|EPI_ISL_487674|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-212/2020|2020-03-25|EPI_ISL_428308|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/CAMC-B5363E/2020|2020-11-08|EPI_ISL_656873|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47FE86/2020|2020-10-13|EPI_ISL_612822|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9A4463/2020|2020-09-01|EPI_ISL_540181|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2EB1A/2020|2020-04-08|EPI_ISL_446116|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11504/2020|2020-09-09|EPI_ISL_790035|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9CBFB0/2020|2020-09-16|EPI_ISL_575442|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-107/2020|2020-10-22|EPI_ISL_671953|Original|hCoV-19^^Occitanie|Human|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|CHU Purpan - Laboratoire de Virologie - Institut F\u00e9d\u00e9ratif de Biologie|Latour|France

>Spike|hCoV-19/Scotland/GCVR-16F97C/2020|2020-03-19|EPI_ISL_632249|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre|MRC-University of Glasgow Centre for Virus Research|Robertson|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19177/2020|2020-11-24|EPI_ISL_783671|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-2125/2020|2020-11-02|EPI_ISL_708463|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-16940/2020|2020-12-14|EPI_ISL_750315|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUA-9E4722/2020|2020-09-23|EPI_ISL_601092|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-124D2DF/2020|2020-03-31|EPI_ISL_507080|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/England/20122017304/2020|2020-03-15|EPI_ISL_465739|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2018/2020|2020-05-09|EPI_ISL_635308|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Netherlands/Zeeland_8/2020|2020-03-06|EPI_ISL_461290|Original|hCoV-19^^Zeeland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-QDX-2009/2020|2020-03-17|EPI_ISL_604362|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/India/MH-ACTREC-243/2020|2020-07-06|EPI_ISL_699896|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Scotland/EDB6148/2020|2020-05-14|EPI_ISL_473887|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6874/2020|2020-10-12|EPI_ISL_619719|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-C31F1C/2020|2020-12-11|EPI_ISL_782590|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1275/2020|2020-05-06|EPI_ISL_494473|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/CAMB-1AED0C/2020|2020-05-06|EPI_ISL_448074|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/BRIS-12234A/2020|2020-03-21|EPI_ISL_440056|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-B83222/2020|2020-11-14|EPI_ISL_675510|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76D3B/2020|2020-03-31|EPI_ISL_425424|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/P3-1/2020|2020-03-09|EPI_ISL_419299|Original|hCoV-19^^Ishikawa|Human|Ishikawa Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/KA-nimh-3975/2020|2020-04-23|EPI_ISL_486881|Original|hCoV-19^^Karnataka|Human|CV Raman Hospital|Department of Neurovirology|Pattabiraman|India

>Spike|hCoV-19/Australia/VIC4534/2020|2020-07-15|EPI_ISL_518945|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94AEAD/2020|2020-06-11|EPI_ISL_556383|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C398/2020|2020-11-10|EPI_ISL_655936|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A23CAF/2020|2020-10-03|EPI_ISL_665652|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0186/2020|2020-05-18|EPI_ISL_698373|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/WA-S701/2020|2020-04-10|EPI_ISL_449871|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/LA-EVTL733/2020|2020-07-16|EPI_ISL_653424|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-49969D/2020|2020-05-27|EPI_ISL_559405|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B808E/2020|2020-10-24|EPI_ISL_638189|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1519/2020|2020-07-28|EPI_ISL_581516|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/NE-11509/2020|2020-05-05|EPI_ISL_475223|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Denmark/DCGC-17791/2020|2020-12-14|EPI_ISL_749571|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-2518/2020|2020-04-00|EPI_ISL_690654|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/ZH-ETHZ-140028/2020|2020-05-21|EPI_ISL_476093|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/BC_14667611/2020|2020-04-00|EPI_ISL_468658|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMC-9496A6/2020|2020-07-27|EPI_ISL_556063|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B6EA/2020|2020-10-27|EPI_ISL_643330|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB591/2020|2020-11-18|EPI_ISL_702443|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-7A8540/2020|2020-07-11|EPI_ISL_533114|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Georgia/Tb-54/2020|2020-02-27|EPI_ISL_415641|Original|hCoV-19^^Tbilisi|Human|R. G. Lugar Center for Public Health Research|R. G. Lugar Center for Public Health Research|Murtskhvaladze|Georgia

>Spike|hCoV-19/England/CAMB-7B1C1/2020|2020-04-12|EPI_ISL_433929|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/CAMC-B079F4/2020|2020-10-30|EPI_ISL_643688|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20864/2020|2020-04-19|EPI_ISL_471885|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-95A53C/2020|2020-06-12|EPI_ISL_553393|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir20806/2020|2020-12-02|EPI_ISL_729416|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/ALDP-A87D00/2020|2020-10-17|EPI_ISL_606080|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S422/2020|2020-03-25|EPI_ISL_434182|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/France/PAC-IHU-0597/2020|2020-04-10|EPI_ISL_568880|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Australia/VIC633/2020|2020-03-27|EPI_ISL_426875|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-8642/2020|2020-07-01|EPI_ISL_780672|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B5B37B/2020|2020-11-09|EPI_ISL_655564|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-121938/2020|2020-12-24|EPI_ISL_763678|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1573/2020|2020-04-12|EPI_ISL_468505|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/ALDP-A2F11D/2020|2020-10-05|EPI_ISL_587153|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/MO-NVRL-79IRL03919/2020|2020-11-28|EPI_ISL_732495|Original|hCoV-19^^Mayo|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Australia/VIC2875/2020|2020-07-02|EPI_ISL_521706|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/OR-PROV-041/2020|2020-03-18|EPI_ISL_482323|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/England/ALDP-94A57B/2020|2020-06-11|EPI_ISL_556369|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3920D/2020|2020-11-01|EPI_ISL_652297|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-970DA1/2020|2020-08-18|EPI_ISL_553024|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7D893/2020|2020-10-12|EPI_ISL_709934|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC75A2/2020|2020-10-21|EPI_ISL_634455|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B23D32/2020|2020-11-04|EPI_ISL_646377|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-2006S001092/2020|2020-04-16|EPI_ISL_495576|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/WI-UW-704/2020|2020-07-02|EPI_ISL_491382|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-20167/2020|2020-11-30|EPI_ISL_748022|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-950FA1/2020|2020-06-13|EPI_ISL_554165|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C40C/2020|2020-10-14|EPI_ISL_608108|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW51/2020|2020-03-08|EPI_ISL_415616|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-1B1780/2020|2020-05-08|EPI_ISL_458539|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B59841/2020|2020-11-06|EPI_ISL_679875|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-16244/2020|2020-08-20|EPI_ISL_547721|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/NY-Wadsworth-248102-01/2020|2020-10-18|EPI_ISL_734367|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/205020035/2020|2020-12-06|EPI_ISL_723037|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-998031/2020|2020-08-27|EPI_ISL_537152|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1387/2020|2020-05-08|EPI_ISL_494577|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Canada/BC_10404289/2020|2020-03-00|EPI_ISL_477078|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/CAMB-756F5/2020|2020-03-12|EPI_ISL_440457|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-B9E4C4/2020|2020-11-18|EPI_ISL_719777|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290741-01/2020|2020-12-21|EPI_ISL_767563|Original|hCoV-19^^New York|Human|URMC LABS|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-CDE2EB/2020|2020-12-26|EPI_ISL_782191|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200688/2020|2020-09-14|EPI_ISL_631445|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Japan/PG-7030/2020|2020-08-00|EPI_ISL_688135|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-AA4DB2/2020|2020-10-22|EPI_ISL_630816|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F3034/2020|2020-09-24|EPI_ISL_600772|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/CAMC-AAFDA8/2020|2020-10-22|EPI_ISL_634807|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3394/2020|2020-07-07|EPI_ISL_636001|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-497D6D/2020|2020-11-30|EPI_ISL_726970|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC11283/2020|2020-07-18|EPI_ISL_563312|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3101/2020|2020-07-06|EPI_ISL_520808|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NB-EMC-229/2020|2020-05-11|EPI_ISL_523352|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Canada/BC-BCCDC-7287/2020|2020-11-00|EPI_ISL_740658|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/NORW-E8BFE/2020|2020-04-14|EPI_ISL_448290|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-ACF2D0/2020|2020-10-22|EPI_ISL_629676|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-BFFE5/2020|2020-03-25|EPI_ISL_418321|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A84C24/2020|2020-10-16|EPI_ISL_610386|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5971/2020|2020-05-04|EPI_ISL_487939|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F5393/2020|2020-09-25|EPI_ISL_638668|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-6961/2020|2020-07-00|EPI_ISL_688066|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/GE-SNRCI-20/2020|2020-03-00|EPI_ISL_548149|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/Australia/VIC4501/2020|2020-07-14|EPI_ISL_518912|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/NA_692/2020|2020-03-29|EPI_ISL_461127|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Iceland/286/2020|2020-03-18|EPI_ISL_417614|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/NY-PV09170/2020|2020-03-19|EPI_ISL_422532|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/England/SHEF-D2544/2020|2020-07-10|EPI_ISL_526449|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-A6E604/2020|2020-10-15|EPI_ISL_607185|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AR-ETHZ-410900/2020|2020-11-30|EPI_ISL_737661|Original|hCoV-19^^Appenzell Ausserrhoden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUA-A4B7BF/2020|2020-10-08|EPI_ISL_628479|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-CC2C55/2020|2020-12-21|EPI_ISL_760571|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_110/2020|2020-05-22|EPI_ISL_460871|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/ALDP-AA4D58/2020|2020-10-21|EPI_ISL_630945|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B74576/2020|2020-11-12|EPI_ISL_678927|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Turkey/KU-015/2020|2020-05-27|EPI_ISL_495425|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/Spain/VC-IBV-98003492/2020|2020-04-08|EPI_ISL_539283|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitario de La Ribera (Alzira)|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CO-CDPHE-2011210229/2020|2020-11-19|EPI_ISL_771264|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Sweden/20-53445/2020|2020-11-16|EPI_ISL_710607|Original|hCoV-19^^Skane|Human|Halsomedicinskt Center|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/VIC8947/2020|2020-07-28|EPI_ISL_565301|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW-22009/2020|2020-08-06|EPI_ISL_570857|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Wales/PHWC-47F493/2020|2020-10-11|EPI_ISL_612681|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Panama/331837/2020|2020-03-19|EPI_ISL_496695|Original|hCoV-19^^Panama West|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/England/QEUA-1F453/2020|2020-10-01|EPI_ISL_587552|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205161237/2020|2020-12-16|EPI_ISL_766431|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17240/2020|2020-12-14|EPI_ISL_750342|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Iceland/448/2020|2020-03-20|EPI_ISL_424472|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Switzerland/GE-SNRCI-8083/2020|2020-03-00|EPI_ISL_548214|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/USA/NY-NYUMC350/2020|2020-04-08|EPI_ISL_430377|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-31B6F/2020|2020-04-11|EPI_ISL_474326|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-M00021/2020|2020-06-19|EPI_ISL_547672|Original|hCoV-19^^Wisconsin|Human|Gundersen Clinical Microbiology Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/EXET-13761C/2020|2020-05-06|EPI_ISL_471981|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/OXON-B1851/2020|2020-04-17|EPI_ISL_479049|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-B3D2BE/2020|2020-11-01|EPI_ISL_645374|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AD4B28/2020|2020-10-27|EPI_ISL_644028|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9414FF/2020|2020-07-22|EPI_ISL_556830|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0211/2020|2020-03-18|EPI_ISL_512861|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/WA-QDX-564/2020|2020-03-18|EPI_ISL_571404|Original|hCoV-19^^Washington|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-2359/2020|2020-07-09|EPI_ISL_635441|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/South Africa/KRISP-0149/2020|2020-05-30|EPI_ISL_467499|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Romania/USAFSAM-S564/2020|2020-11-28|EPI_ISL_738341|Original|hCoV-19^^Romania|Human|Landstuhl Regional Medical Center|United States Air Force School of Aerospace Medicine|Fries|Romania

>Spike|hCoV-19/England/QEUEH-CDE3D9/2020|2020-12-26|EPI_ISL_782481|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-0935/2020|2020-06-26|EPI_ISL_541674|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/USA/MI-UM-10036799087/2020|2020-11-05|EPI_ISL_707843|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Argentina/C3013/2020|2020-03-22|EPI_ISL_420598|Original|hCoV-19^^Argentina|Human|Servicio Virosis Respiratorias-Departamento Virolog\u00eda-INEI|Instituto Nacional Enfermedades Infecciosas C.G.Malbran|Baumeister|Argentina

>Spike|hCoV-19/England/PORT-2D1464/2020|2020-00-00|EPI_ISL_512390|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1965/2020|2020-03-16|EPI_ISL_604273|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-ACE4F9/2020|2020-10-21|EPI_ISL_629366|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2456/2020|2020-04-22|EPI_ISL_439212|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012659055/2020|2020-08-17|EPI_ISL_745500|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/VC-IBV-98003088/2020|2020-03-14|EPI_ISL_538024|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Norway/5795/2020|2020-11-10|EPI_ISL_775333|Original|hCoV-19^^Vestland|Human|Foerde Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Denmark/DCGC-16410/2020|2020-11-16|EPI_ISL_714750|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B12079/2020|2020-11-02|EPI_ISL_642596|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12A3F7/2020|2020-04-30|EPI_ISL_469914|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13038/2020|2020-05-14|EPI_ISL_672318|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NOTT-1118A9/2020|2020-05-22|EPI_ISL_461936|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Moldova/ICGEB_MD7/2020|2020-06-17|EPI_ISL_516936|Original|hCoV-19^^Straseni|Human|Nicolae Testemitanu State University of Medicine and Pharmacy|International Centre for Genetic Engineering and Biotechnology (ICGEB) and ARGO Open Lab Platform for Genome Sequencing|Ulinici|Moldova

>Spike|hCoV-19/England/20144000904/2020|2020-03-30|EPI_ISL_423475|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-C3DCCE/2020|2020-12-10|EPI_ISL_731587|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/210100410/2021|2021-01-00|EPI_ISL_791278|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A2E0B7/2020|2020-10-06|EPI_ISL_586847|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A66E9B/2020|2020-10-12|EPI_ISL_630502|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12568/2020|2020-08-31|EPI_ISL_790397|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Gibraltar/204462903/2020|2020-10-29|EPI_ISL_632801|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310365/2020|2020-10-07|EPI_ISL_603439|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORT-2861EF/2020|2020-08-28|EPI_ISL_573318|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Turkey/KU-020/2020|2020-05-05|EPI_ISL_495430|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/England/QEUA-BCB886/2020|2020-11-27|EPI_ISL_704117|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020308468/2020|2020-08-24|EPI_ISL_602180|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Denmark/DCGC-1064/2020|2020-06-01|EPI_ISL_614489|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/un-ChVir-W1288-8106/2020|2020-04-20|EPI_ISL_753702|Original|hCoV-19^^Germany|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/Switzerland/BS-UHB-42203703/2020|2020-03-23|EPI_ISL_528366|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/QEUA-A4B087/2020|2020-10-05|EPI_ISL_637811|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/UT-QDX-82/2020|2020-03-11|EPI_ISL_467925|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-B20AF2/2020|2020-11-02|EPI_ISL_647735|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1011/2020|2020-07-17|EPI_ISL_516437|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-A6C721/2020|2020-10-14|EPI_ISL_607270|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH-128/2020|2020-03-11|EPI_ISL_452009|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-20805/2020|2020-12-21|EPI_ISL_759374|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20110000906/2020|2020-03-06|EPI_ISL_417304|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488F78/2020|2020-11-03|EPI_ISL_639521|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/cat/Belgium/BE-MG-0320/2020|2020-03-11|EPI_ISL_487275|Original|hCoV-19^^Belgium|Felis catus|Department of Veterinary Pathology|Department of Veterinary Pathology|Submitter|Belgium

>Spike|hCoV-19/USA/FL-BPHL-1290/2020|2020-08-28|EPI_ISL_541222|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/ME-HETL-J0165/2020|2020-09-15|EPI_ISL_755347|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/Denmark/DCGC-8406/2020|2020-10-26|EPI_ISL_617381|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20605/2020|2020-04-29|EPI_ISL_462687|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Netherlands/UT-EMC-160/2020|2020-11-05|EPI_ISL_722728|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-7D35C4/2020|2020-07-23|EPI_ISL_532953|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6441/2020|2020-04-03|EPI_ISL_570115|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORT-1B799FA/2020|2020-11-26|EPI_ISL_741442|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F0F9/2020|2020-10-10|EPI_ISL_612629|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC229b/2020|2020-06-12|EPI_ISL_476868|Original|hCoV-19^^Gujarat|Human|Banas Medical College and Research Institute|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-BB0787/2020|2020-11-17|EPI_ISL_720524|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2311/2020|2020-05-00|EPI_ISL_685916|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-5174/2020|2020-09-21|EPI_ISL_621712|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/GE-RIVM-21064/2020|2020-12-22|EPI_ISL_791076|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Canada/ON-PHL-20-01164/2020|2020-06-00|EPI_ISL_548786|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/CAMB-7DCCE/2020|2020-04-07|EPI_ISL_441592|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/CVR4918/2020|2020-10-04|EPI_ISL_594684|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-99E36F/2020|2020-08-31|EPI_ISL_550655|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7302/2020|2020-06-29|EPI_ISL_546659|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2009367/2020|2020-05-18|EPI_ISL_524960|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/PAC-IHU-0649/2020|2020-03-06|EPI_ISL_568913|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/OXON-B387D/2020|2020-03-17|EPI_ISL_534891|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/HI-H200641/2020|2020-11-23|EPI_ISL_753165|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/USA/WA-UW-47120/2020|2020-12-16|EPI_ISL_756228|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-AD1A2E/2020|2020-10-26|EPI_ISL_634591|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4816B6/2020|2020-10-01|EPI_ISL_611849|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-8950/2020|2020-09-00|EPI_ISL_686496|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-3987/2020|2020-09-14|EPI_ISL_615757|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-264196-01/2020|2020-11-05|EPI_ISL_754521|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-AB8708/2020|2020-10-21|EPI_ISL_623521|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CAE0F/2020|2020-09-16|EPI_ISL_575482|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4527/2020|2020-00-00|EPI_ISL_518938|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A92EE1/2020|2020-10-20|EPI_ISL_611243|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-ISPCH-70/2020|2020-03-21|EPI_ISL_445366|Original|hCoV-19^^Region Metropolitana de Santiago|Human|HOSPITAL DR. SOTERO DEL RIO|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/Canada/ON-PHL-20-01284/2020|2020-06-00|EPI_ISL_548889|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/India/MH-ACTREC-491/2020|2020-08-14|EPI_ISL_700139|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Brazil/AP-IEC-164346/2020|2020-04-20|EPI_ISL_458145|Original|hCoV-19^^Amapa|Human|\uffeffEvandro Chagas Institute|\uffeffEvandro Chagas Institute|Sousa J\u00fanior|Brazil

>Spike|hCoV-19/Vietnam/HCMC-35009/2020|2020-03-22|EPI_ISL_498185|unknown|hCoV-19^^Ho Chi Minh City|Human|OUCRU|OUCRU|Nguyen|Vietnam

>Spike|hCoV-19/Canada/ON-PHL-20-01212/2020|2020-06-00|EPI_ISL_548834|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Denmark/DCGC-1216/2020|2020-05-18|EPI_ISL_614859|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Netherlands/Gelderland_9/2020|2020-03-18|EPI_ISL_422645|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUA-B3A8E/2020|2020-11-18|EPI_ISL_672771|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-2284/2020|2020-03-15|EPI_ISL_604547|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUA-AE53C2/2020|2020-10-27|EPI_ISL_633168|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL966/2020|2020-08-17|EPI_ISL_653657|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/NORT-294C92/2020|2020-03-27|EPI_ISL_488571|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15529/2020|2020-11-23|EPI_ISL_713872|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10694/2020|2020-07-09|EPI_ISL_789127|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Russia/Moscow-77627/2020|2020-03-22|EPI_ISL_428884|VerohCoV-19^^Moscow|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/USA/AL-SV106V1/2020|2020-05-05|EPI_ISL_509427|Original|hCoV-19^^Alabama|Human|Microbiology and Immunology|Microbiology and Immunology|Rayner|USA

>Spike|hCoV-19/Germany/NW-MPP-23/2020|2020-06-05|EPI_ISL_487412|Original|hCoV-19^^North Rhine-Westphalia|Human|Labor Knei\u00dfler GmbH & Co. KG|Heinrich Pette Institute|G\u00f6ttingen|Germany

>Spike|hCoV-19/Denmark/DCGC-11887/2020|2020-10-26|EPI_ISL_671197|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-2519/2020|2020-08-17|EPI_ISL_617755|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-10949/2020|2020-07-09|EPI_ISL_789691|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-CDEAD4/2020|2020-12-26|EPI_ISL_782403|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/NGS-CD-235/2020|2020-04-24|EPI_ISL_481259|VerohCoV-19^^Nagasaki|Human|Department of Emerging Infectious Diseases|Department of Emerging Infectious Diseases|Abe|Japan

>Spike|hCoV-19/Brazil/SP-824/2020|2020-04-30|EPI_ISL_776759|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Central|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/MILK-B3D9C8/2020|2020-11-01|EPI_ISL_741376|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMB-79DED/2020|2020-04-02|EPI_ISL_441299|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC614/2020|2020-04-01|EPI_ISL_444731|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Gibraltar/204841706/2020|2020-00-00|EPI_ISL_671277|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/MN-MDH-1014/2020|2020-04-30|EPI_ISL_462859|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/CA-ALSR-3583/2020|2020-06-25|EPI_ISL_636096|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUIH-9D048C/2020|2020-09-16|EPI_ISL_601856|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-614698/2020|2020-07-06|EPI_ISL_557948|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7F1EB/2020|2020-04-08|EPI_ISL_443028|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B09D7E/2020|2020-10-29|EPI_ISL_672990|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-110/2020|2020-05-21|EPI_ISL_530039|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/ALDP-C58C27/2020|2020-12-14|EPI_ISL_736141|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/BW-UT-016/2020|2020-05-20|EPI_ISL_508695|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|Institut f\u00fcr Virologie und Epidemiologie der Viruskrankheiten|NGS Competence Center T\u00fcbingen|Angelov|Germany

>Spike|hCoV-19/England/CAMC-B774A3/2020|2020-11-12|EPI_ISL_783402|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BHRT-24B3A6E/2020|2020-06-02|EPI_ISL_528800|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A58EF6/2020|2020-10-09|EPI_ISL_596934|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3869/2020|2020-06-00|EPI_ISL_692120|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUIH-C32203/2020|2020-12-11|EPI_ISL_730659|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG408199/2020|2020-06-16|EPI_ISL_694937|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Spain/AN-IBV-002019/2020|2020-03-16|EPI_ISL_509629|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda. HRU de M\u00e9llaga. Servicio Andaluz de Salud|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-18195/2020|2020-11-12|EPI_ISL_784543|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-6587/2020|2020-07-00|EPI_ISL_687699|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-81BAC/2020|2020-04-12|EPI_ISL_442591|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-C39F32/2020|2020-12-08|EPI_ISL_731000|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0819/2020|2020-03-00|EPI_ISL_684429|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-482293/2020|2020-04-29|EPI_ISL_559663|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21481/2020|2020-12-21|EPI_ISL_757739|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-951B51/2020|2020-06-10|EPI_ISL_551344|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/IC-0042/2020|2020-05-00|EPI_ISL_591384|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16704/2020|2020-11-02|EPI_ISL_714926|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-C5BE79/2020|2020-12-14|EPI_ISL_769388|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Congo/UKT-009/2020|2020-06-06|EPI_ISL_581490|Original|hCoV-19^^Brazzaville|Human|Fondation Congolaise pour la recherche medicale (FCRM)|NGS Competence Center T\u00fcbingen|Angelov|Republic of Congo

>Spike|hCoV-19/USA/MN-MDH-2022/2020|2020-11-02|EPI_ISL_654703|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/England/ALDP-B75DAA/2020|2020-11-12|EPI_ISL_723703|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC149/2020|2020-03-17|EPI_ISL_419846|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-9421/2020|2020-07-03|EPI_ISL_781110|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-11863F/2020|2020-10-28|EPI_ISL_627678|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Netherlands/NA_358/2020|2020-04-07|EPI_ISL_455162|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-4147/2020|2020-07-00|EPI_ISL_692386|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-2A0FF4/2020|2020-00-00|EPI_ISL_652346|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR11489/2020|2020-11-22|EPI_ISL_732513|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/IN-CDC-2-3713959/2020|2020-12-04|EPI_ISL_751599|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/20148026504/2020|2020-04-02|EPI_ISL_422008|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15774/2020|2020-11-23|EPI_ISL_713435|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9D7D5D/2020|2020-09-18|EPI_ISL_576627|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4328/2020|2020-09-21|EPI_ISL_648973|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000033/2020|2020-03-05|EPI_ISL_631529|Original|hCoV-19^^New York|Human|St. Johns Episcopal Hospital|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUA-A1DCF3/2020|2020-09-29|EPI_ISL_587335|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-BC4BEE/2020|2020-11-25|EPI_ISL_704180|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1171/2020|2020-04-11|EPI_ISL_648099|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/QEUA-AD19D6/2020|2020-10-26|EPI_ISL_634664|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139051304/2020|2020-03-27|EPI_ISL_420701|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC5996/2020|2020-07-18|EPI_ISL_518771|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/ZH-RIVM-20688/2020|2020-12-23|EPI_ISL_790756|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/CA-CHLA-PLM56822120/2020|2020-11-30|EPI_ISL_753526|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/CAMC-9D6F0D/2020|2020-09-20|EPI_ISL_584336|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20G35404/2020|2020-03-20|EPI_ISL_605105|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/USA/WI-UW-2224/2020|2020-10-15|EPI_ISL_677627|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Australia/VIC12080/2020|2020-07-23|EPI_ISL_641154|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-C515D8/2020|2020-12-11|EPI_ISL_769763|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A6BF1B/2020|2020-10-09|EPI_ISL_609136|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-09201062/2020|2020-09-20|EPI_ISL_735004|Original|hCoV-19^^Kessel-Lo|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-10814/2020|2020-07-05|EPI_ISL_789639|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/1331/2020|2020-06-01|EPI_ISL_648820|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Wales/PHWC-2E34F/2020|2020-04-16|EPI_ISL_446090|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-751/2020|2020-04-03|EPI_ISL_546810|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR1256/2020|2020-03-31|EPI_ISL_438781|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/QEUEH-B6792F/2020|2020-11-09|EPI_ISL_710864|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2463/2020|2020-04-00|EPI_ISL_686068|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-QDX-1177/2020|2020-03-13|EPI_ISL_571987|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-AA1E1C/2020|2020-10-22|EPI_ISL_625022|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3531/2020|2020-07-07|EPI_ISL_520280|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT1997/2020|2020-11-17|EPI_ISL_732218|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-9C4CA1/2020|2020-09-11|EPI_ISL_567684|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-IK1/2020|2020-03-30|EPI_ISL_508338|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/UT-08389/2020|2020-05-26|EPI_ISL_524171|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NOTT-1136AD/2020|2020-09-10|EPI_ISL_549521|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47E203/2020|2020-10-12|EPI_ISL_595423|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D2A3/2020|2020-10-06|EPI_ISL_586762|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C9565/2020|2020-09-10|EPI_ISL_567381|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3993/2020|2020-09-02|EPI_ISL_540790|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0675/2020|2020-04-15|EPI_ISL_568927|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-3705/2020|2020-08-31|EPI_ISL_615483|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC8239/2020|2020-08-06|EPI_ISL_564914|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW111/2020|2020-03-16|EPI_ISL_427661|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/BRIS-18543BE/2020|2020-04-29|EPI_ISL_492322|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/EX-IBV-005015/2020|2020-03-13|EPI_ISL_510324|Original|hCoV-19^^Extremadura|Human|Hospital San Pedro de Alc\u00e9ntara (C\u00e9lceres)|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Canada/QC-LSPQ-L00210314/2020|2020-03-01|EPI_ISL_535716|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Verdun|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Belgium/ULG-10262/2020|2020-07-20|EPI_ISL_515069|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-9CAAED/2020|2020-09-16|EPI_ISL_575756|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/9LS12AG7/2020|2020-10-09|EPI_ISL_755946|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/India/GJ-GBRC268b/2020|2020-06-13|EPI_ISL_483865|Original|hCoV-19^^Gujarat|Human|Department of Microbiology|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Australia/VIC8477/2020|2020-07-28|EPI_ISL_565042|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-2007/2020|2020-04-00|EPI_ISL_685612|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/ON-PHL-20-03632/2020|2020-11-00|EPI_ISL_775136|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/LOND-D4C10/2020|2020-04-14|EPI_ISL_449664|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Belgium/regal-10191266/2020|2020-10-19|EPI_ISL_735176|Original|hCoV-19^^Winksele|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Brazil/SP-883/2020|2020-12-06|EPI_ISL_755649|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Santo Andre|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/20139024604/2020|2020-03-27|EPI_ISL_421893|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/PORT-2D48B0/2020|2020-10-13|EPI_ISL_611772|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3654E/2020|2020-05-01|EPI_ISL_474680|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-H12-3203/2020|2020-03-11|EPI_ISL_428702|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/MILK-9A7F8D/2020|2020-09-02|EPI_ISL_572617|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009725/2020|2020-07-25|EPI_ISL_605397|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/France/PAC-IHU-0530/2020|2020-04-07|EPI_ISL_569574|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Australia/NSW1390/2020|2020-12-29|EPI_ISL_779400|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-485236/2020|2020-10-25|EPI_ISL_626658|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH-121/2020|2020-03-11|EPI_ISL_452002|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/South Korea/KCDC2579/2020|2020-06-27|EPI_ISL_514982|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/CAMC-A41DF3/2020|2020-10-08|EPI_ISL_609319|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10156/2020|2020-11-09|EPI_ISL_669426|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-480CA6/2020|2020-10-10|EPI_ISL_612990|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15091/2020|2020-10-16|EPI_ISL_786575|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMB-1BD669/2020|2020-11-30|EPI_ISL_764326|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-A655E2/2020|2020-10-11|EPI_ISL_608540|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EEC0/2020|2020-10-14|EPI_ISL_607126|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/regal-12141389/2020|2020-12-14|EPI_ISL_738441|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Japan/PG-5964/2020|2020-07-00|EPI_ISL_689079|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-9253/2020|2020-11-16|EPI_ISL_668875|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0584/2020|2020-03-17|EPI_ISL_526805|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Hangzhou/HZCDC0162/2020|2020-01-23|EPI_ISL_421224|Original|hCoV-19^^Hangzhou|Human|Hangzhou Center for Diseases Control and Prevention|Hangzhou Center for Diseases Control and Prevention|Li|China

>Spike|hCoV-19/England/BRIS-122FDD/2020|2020-04-02|EPI_ISL_440647|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4984FE/2020|2020-12-01|EPI_ISL_727085|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1859/2020|2020-03-23|EPI_ISL_775932|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Portugal/PT1661/2020|2020-11-11|EPI_ISL_731963|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Finland/23LS9A7/2020|2020-10-23|EPI_ISL_759794|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/WA-UW-10447/2020|2020-06-05|EPI_ISL_570310|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-BBDB33/2020|2020-11-22|EPI_ISL_705616|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Belgium/JRH-030459/2020|2020-03-04|EPI_ISL_418988|Original|hCoV-19^^Zolder|Human|Institute information KU Leuven|Institute information KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-B2451B/2020|2020-11-04|EPI_ISL_646963|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0229/2020|2020-04-05|EPI_ISL_452806|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Lebanon/LAU-uk4/2020|2020-12-22|EPI_ISL_768743|Original|hCoV-19^^Beirut|Human|MoPH (Lebanese ministry of public health)|Microbial Genomics Lab LAU Byblos|Koweyes|Lebanon

>Spike|hCoV-19/Nigeria/LA-CV379/2020|2020-05-30|EPI_ISL_730035|Original|hCoV-19^^Lagos State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/ME-HETL-J0317/2020|2020-11-30|EPI_ISL_755447|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUEH-9AE8B8/2020|2020-09-02|EPI_ISL_577251|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-ABC449/2020|2020-10-22|EPI_ISL_631203|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_4033/2020|2020-03-11|EPI_ISL_476067|Original|hCoV-19^^Hranice na Morav\u011b|Human|The National Institute of Public Health|State Veterinary Institute Prague and The National Institute of Public Health|Nagy|Czech Republic

>Spike|hCoV-19/Denmark/DCGC-3252/2020|2020-08-31|EPI_ISL_615982|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B142AE/2020|2020-11-02|EPI_ISL_641822|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B10D47/2020|2020-11-02|EPI_ISL_642378|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/IDF-9144/2020|2020-09-14|EPI_ISL_593910|Original|hCoV-19^^\u00cele-de-France|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Australia/VIC13155/2020|2020-07-31|EPI_ISL_641175|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-8027/2020|2020-10-26|EPI_ISL_617139|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4721/2020|2020-07-14|EPI_ISL_519109|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Russia/SVE-RII-MH2034S/2020|2020-09-21|EPI_ISL_602385|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/CAMC-B53908/2020|2020-11-08|EPI_ISL_656720|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3109/2020|2020-07-06|EPI_ISL_520816|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/RI-IBV-99005911/2020|2020-03-25|EPI_ISL_537449|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/HECH-259A273/2020|2020-05-26|EPI_ISL_488844|Original|hCoV-19^^England|Human|Microbiology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139039504/2020|2020-03-27|EPI_ISL_420673|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/DRC/6743/2020|2020-05-11|EPI_ISL_495635|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/CAMB-7DC91/2020|2020-04-05|EPI_ISL_441715|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004207/2020|2020-04-03|EPI_ISL_510492|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-A68D05/2020|2020-10-12|EPI_ISL_608555|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169AD9/2020|2020-07-27|EPI_ISL_514578|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/GA_1445/2020|2020-03-04|EPI_ISL_420788|Original|hCoV-19^^Georgia|Human|GA Department of Public Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Scotland/EDB5039/2020|2020-04-02|EPI_ISL_456951|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-A7BDA5/2020|2020-10-15|EPI_ISL_607436|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EDDEB/2020|2020-05-06|EPI_ISL_589486|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-1B873EC/2020|2020-10-05|EPI_ISL_724979|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/GE-ETHZ-270137/2020|2020-08-28|EPI_ISL_541464|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A184D2/2020|2020-09-30|EPI_ISL_595041|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Norway/2949/2020|2020-07-31|EPI_ISL_549143|Original|hCoV-19^^Viken|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/ALDP-95C7E9/2020|2020-06-21|EPI_ISL_555081|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S1208/2020|2020-05-07|EPI_ISL_463698|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Denmark/DCGC-15010/2020|2020-11-23|EPI_ISL_713104|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0987/2020|2020-06-10|EPI_ISL_699120|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/BRIS-13065F/2020|2020-04-12|EPI_ISL_492632|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5822/2020|2020-00-00|EPI_ISL_518616|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9D4048/2020|2020-09-18|EPI_ISL_601576|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15DC78/2020|2020-05-13|EPI_ISL_472768|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18989/2020|2020-11-25|EPI_ISL_785268|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sweden/20-06909/2020|2020-04-06|EPI_ISL_450811|Original|hCoV-19^^Uppsala|Human|Knivsta VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMC-A64923/2020|2020-10-11|EPI_ISL_608907|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/5A81S4A10/2020|2020-04-05|EPI_ISL_481693|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Scotland/EDB2064/2020|2020-04-18|EPI_ISL_433171|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/204621518/2020|2020-11-09|EPI_ISL_700613|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002883/2020|2020-09-04|EPI_ISL_602695|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B0C87A/2020|2020-10-31|EPI_ISL_643589|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3444/2020|2020-06-00|EPI_ISL_691554|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-5506/2020|2020-08-00|EPI_ISL_690608|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/NSW2259/2020|2020-03-21|EPI_ISL_500696|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/England/QEUH-AAA9A9/2020|2020-10-21|EPI_ISL_652724|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2229/2020|2020-09-08|EPI_ISL_666851|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Japan/PG-2925/2020|2020-04-00|EPI_ISL_691051|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/IB-IBV-99007252/2020|2020-03-05|EPI_ISL_541965|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC6247/2020|2020-07-20|EPI_ISL_518240|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-952FFA/2020|2020-06-11|EPI_ISL_553677|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13413/2020|2020-08-24|EPI_ISL_788551|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-1321/2020|2020-03-25|EPI_ISL_495620|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-10378/2020|2020-11-02|EPI_ISL_669932|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUEH-9F61E3/2020|2020-09-27|EPI_ISL_600876|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-213973-01/2020|2020-09-09|EPI_ISL_765484|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-AAE125/2020|2020-10-22|EPI_ISL_630712|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-UW-3417/2020|2020-03-26|EPI_ISL_490982|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10057/2020|2020-07-06|EPI_ISL_789308|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/UR-ETHZ-300437/2020|2020-09-29|EPI_ISL_603391|Original|hCoV-19^^Uri|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/TX-HMH-MCoV-9052/2020|2020-07-03|EPI_ISL_780921|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-C3BEBB/2020|2020-12-09|EPI_ISL_731599|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4857/2020|2020-07-17|EPI_ISL_519241|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-7629/2020|2020-06-26|EPI_ISL_546899|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-9C9064/2020|2020-09-11|EPI_ISL_567055|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/AST-RII-MH4136S/2020|2020-07-29|EPI_ISL_733170|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/MI-MDHHS-SC21810/2020|2020-07-15|EPI_ISL_565853|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC22588/2020|2020-11-24|EPI_ISL_737161|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-DSHS-0073/2020|2020-05-09|EPI_ISL_522358|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-DSHS-0408/2020|2020-06-01|EPI_ISL_542467|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/ALDP-98154B/2020|2020-08-09|EPI_ISL_552596|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CC7CD8/2020|2020-12-21|EPI_ISL_760494|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5E518/2020|2020-11-09|EPI_ISL_723664|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1547/2020|2020-04-13|EPI_ISL_542787|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-B120E2/2020|2020-11-02|EPI_ISL_642668|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-HUB-51235493/2020|2020-06-08|EPI_ISL_483571|Original|hCoV-19^^Basque Country|Human|Clinical Microbiology Laboratory- Basurto University Hospital|Biocruces-Bizkaia|Urrutikoetxea-Gutierrez|Spain

>Spike|hCoV-19/Malta/BAL-Sliema-2/2020|2020-09-04|EPI_ISL_576118|Original|hCoV-19^^Malta|Human|Laboratory|Laboratory|Biazzo,M.|Malta

>Spike|hCoV-19/Faroe Islands/HFS-30/2020|2020-03-15|EPI_ISL_526943|Original|hCoV-19^^Faroe Islands|Human|Faroese National Reference Laboratory for Fish and Animal Diseases|Faroese National Reference Laboratory for Fish and Animal Diseases|Dahl|Faroe Islands

>Spike|hCoV-19/USA/WI-UW-1619/2020|2020-09-17|EPI_ISL_605489|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Scotland/CVR3009/2020|2020-04-23|EPI_ISL_461618|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201026014/2020|2020-06-22|EPI_ISL_594271|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-16F262/2020|2020-10-05|EPI_ISL_585936|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/UN-CRCHUM-PreFreeze-3/2020|2020-09-04|EPI_ISL_667760|Original|hCoV-19^^Canada|Human|Microbiology|Microbiology|Benoit,P.|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-13185/2020|2020-08-25|EPI_ISL_788336|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG668350/2020|2020-05-14|EPI_ISL_696272|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Portugal/PT0174/2020|2020-03-28|EPI_ISL_453890|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/MO-QDX-535/2020|2020-03-18|EPI_ISL_571386|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-5634/2020|2020-03-00|EPI_ISL_688759|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CO-CDPHE-2100014374/2020|2020-11-20|EPI_ISL_771303|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/LIVE-DC2920/2020|2020-11-24|EPI_ISL_703421|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A1E032/2020|2020-10-01|EPI_ISL_598848|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AF856/2020|2020-04-15|EPI_ISL_478777|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9C2265/2020|2020-09-11|EPI_ISL_566633|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-IGIB11303980/2020|2020-07-00|EPI_ISL_751299|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/England/ALDP-B248D6/2020|2020-11-04|EPI_ISL_646949|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49F8BF/2020|2020-12-09|EPI_ISL_743284|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S924/2020|2020-04-26|EPI_ISL_463414|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Germany/HH-hpi-p1905/2020|2020-03-24|EPI_ISL_776242|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/BIRM-6444A/2020|2020-09-19|EPI_ISL_594494|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMC-A6544F/2020|2020-10-11|EPI_ISL_608439|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS4723540/2020|2020-11-04|EPI_ISL_740531|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/CA-CHLA-PLM41118038/2020|2020-12-07|EPI_ISL_753670|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Australia/QLD1210/2020|2020-03-22|EPI_ISL_639801|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/USA/MI-UM-10036287406/2020|2020-10-05|EPI_ISL_596578|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/UT-UPHL-201002601/2020|2020-04-24|EPI_ISL_594429|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Suriname/SR-08/2020|2020-06-00|EPI_ISL_517619|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f4cnger|Suriname

>Spike|hCoV-19/Denmark/DCGC-7717/2020|2020-10-19|EPI_ISL_618575|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AAB7DB/2020|2020-10-21|EPI_ISL_652814|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/NOTT-10E229/2020|2020-03-20|EPI_ISL_425514|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Hungary/UD-57410/2020|2020-09-02|EPI_ISL_671431|Original|hCoV-19^^Szabolcs-Szatm\u00e9r-Bereg county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Denmark/DCGC-20532/2020|2020-12-21|EPI_ISL_759206|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Slovakia/UKBA-603/2020|2020-11-12|EPI_ISL_788981|Original|hCoV-19^^Nove Zamky|Human|Institute of Virology|Faculty of Natural Sciences|Vinar|Slovakia

>Spike|hCoV-19/Brazil/RS-00665/2020|2020-11-26|EPI_ISL_770607|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Japan/PG-2811/2020|2020-04-00|EPI_ISL_690938|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Saudi Arabia/KAUST-JEDDAH489/2020|2020-04-08|EPI_ISL_751224|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah

University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah
University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/England/NOTT-1137E6/2020|2020-09-24|EPI_ISL_573432|Original|hCoV-
19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK)
Consortium|Loose|United Kingdom
>Spike|hCoV-19/Scotland/CVR3198/2020|2020-04-28|EPI_ISL_449218|Original|hCoV-
19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK
(COG-UK) Consortium|Robertson|United Kingdom
>Spike|hCoV-19/Wales/PHWC-16682D/2020|2020-06-18|EPI_ISL_494046|Original|hCoV-
19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United
Kingdom
>Spike|hCoV-19/England/MILK-9AAE05/2020|2020-08-26|EPI_ISL_581390|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/NW-UBI-40/2020|2020-06-17|EPI_ISL_631294|Original|hCoV-
19^^North Rhine-Westphalia|Human|MVZ DIAMEDIS Diagnostische Medizin Sennestadt
GmbH|Bielefeld University|Brandt|Germany
>Spike|hCoV-19/Scotland/EDB2579/2020|2020-04-24|EPI_ISL_439233|Original|hCoV-
19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK)
Consortium|Williams|United Kingdom
>Spike|hCoV-19/England/ALDP-C3A274/2020|2020-12-09|EPI_ISL_730948|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-ACCA26/2020|2020-10-21|EPI_ISL_629347|Original|hCoV-
19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B48E34/2020|2020-11-07|EPI_ISL_649478|Original|hCoV-
19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Netherlands/NB-EMC-243/2020|2020-06-19|EPI_ISL_523366|Original|hCoV-
19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude
Munnink|Netherlands
>Spike|hCoV-19/USA/CA-QDX-2493/2020|2020-03-16|EPI_ISL_604757|Original|hCoV-
19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/NORW-F0768/2020|2020-10-12|EPI_ISL_595190|Original|hCoV-
19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK)
Consortium|Alikhan|United Kingdom
>Spike|hCoV-19/USA/MN-CDC-6205/2020|2020-04-23|EPI_ISL_527672|Original|hCoV-
19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA
>Spike|hCoV-19/Japan/PG-7961/2020|2020-05-00|EPI_ISL_687062|Original|hCoV-
19^^Japan|Human|Kanagawa Prefectural Institute of Public Health|Pathogen Genomics
Center|Sekizuka|Japan
>Spike|hCoV-19/Denmark/DCGC-3099/2020|2020-08-31|EPI_ISL_615915|Original|hCoV-
19^^Midtjylland|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/Australia/VIC4735/2020|2020-07-15|EPI_ISL_519123|Original|hCoV-
19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-
PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/United Arab Emirates/0120/2020|2020-05-
15|EPI_ISL_698310|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42
Healthcare|Ogrodzki|United Arab Emirates
>Spike|hCoV-19/England/CAMC-B52365/2020|2020-11-08|EPI_ISL_656956|Original|hCoV-
19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the
COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Wales/PHWC-33DC1/2020|2020-04-16|EPI_ISL_446822|Original|hCoV-
19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology
Cardiff|Moore|United Kingdom
>Spike|hCoV-19/Denmark/DCGC-12695/2020|2020-11-16|EPI_ISL_682876|Original|hCoV-
19^^Syddanmark|Human|Department of Virus and Microbiological Special
Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-6745/2020|2020-08-21|EPI_ISL_582999|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/FL-BPHL-1271/2020|2020-08-03|EPI_ISL_541203|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Luxembourg/LNS8910032/2020|2020-11-09|EPI_ISL_744821|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUI-9F6D2B/2020|2020-09-27|EPI_ISL_595626|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-4920/2020|2020-08-09|EPI_ISL_730211|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Thailand/Bangkok-0035/2020|2020-03-18|EPI_ISL_429171|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/MILK-97455A/2020|2020-08-20|EPI_ISL_575873|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S222/2020|2020-03-26|EPI_ISL_586382|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/QEUI-96F297/2020|2020-08-17|EPI_ISL_530471|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-B2F71A/2020|2020-11-04|EPI_ISL_659835|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-B65FC5/2020|2020-11-10|EPI_ISL_655806|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-11283F/2020|2020-04-14|EPI_ISL_493551|Original|hCoV-19^^England|Human|Lincolnshire Hospitals and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/WI-UW-367/2020|2020-04-01|EPI_ISL_450721|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-16D05B/2020|2020-09-20|EPI_ISL_574198|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/IC-0204/2020|2020-07-00|EPI_ISL_667633|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-DSHS-0943/2020|2020-06-20|EPI_ISL_602241|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/BIRM-62AE0/2020|2020-09-02|EPI_ISL_529643|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMC-B33555/2020|2020-11-05|EPI_ISL_659162|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7071/2020|2020-10-12|EPI_ISL_619122|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUI-9A414E/2020|2020-09-01|EPI_ISL_540202|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6658/2020|2020-07-00|EPI_ISL_687769|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Germany/HH-hpi-p1994/2020|2020-03-27|EPI_ISL_776311|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Nigeria/OS523-CV53/2020|2020-05-11|EPI_ISL_527893|Original|hCoV-19^^Osun|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/UT-UPHL-2009089/2020|2020-05-13|EPI_ISL_525095|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUA-9FAE51/2020|2020-09-25|EPI_ISL_588100|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2701/2020|2020-03-27|EPI_ISL_488980|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002596/2020|2020-07-29|EPI_ISL_535461|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-DSHS-0731/2020|2020-05-14|EPI_ISL_584133|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/United Arab Emirates/L920633851/2020|2020-03-31|EPI_ISL_520726|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Australia/QLD1276/2020|2020-03-21|EPI_ISL_693277|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Denmark/DCGC-19449/2020|2020-12-07|EPI_ISL_748954|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-3470E/2020|2020-04-18|EPI_ISL_446964|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BS-42221953/2020|2020-04-06|EPI_ISL_581680|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-50630C/2020|2020-06-25|EPI_ISL_559176|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11956/2020|2020-10-07|EPI_ISL_625664|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-A589E6/2020|2020-10-09|EPI_ISL_597069|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B7553/2020|2020-00-00|EPI_ISL_637679|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B7984B/2020|2020-11-12|EPI_ISL_741020|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/201360127/2020|2020-03-25|EPI_ISL_423219|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11379/2020|2020-11-02|EPI_ISL_670877|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15260/2020|2020-10-19|EPI_ISL_786744|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/QEUH-A9B46E/2020|2020-10-20|EPI_ISL_625361|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9987/2020|2020-11-09|EPI_ISL_669312|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Norway/3980/2020|2020-09-28|EPI_ISL_775307|Original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/QEUH-C013BF/2020|2020-12-04|EPI_ISL_720811|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8902/2020|2020-07-22|EPI_ISL_565273|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MN-QDX-1334/2020|2020-03-15|EPI_ISL_572123|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Indonesia/JK-EIJK37/2020|2020-05-10|EPI_ISL_766046|Original|hCoV-19^^Jakarta|Human|RSUP Fatmawati|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/Denmark/DCGC-22498/2020|2020-12-14|EPI_ISL_757594|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC3208/2020|2020-07-03|EPI_ISL_520894|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-01865/2020|2020-04-13|EPI_ISL_498638|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/LIVE-1D6DB0/2020|2020-09-09|EPI_ISL_572426|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-94F8B9/2020|2020-06-16|EPI_ISL_555812|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-8287/2020|2020-07-08|EPI_ISL_784310|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-12206/2020|2020-11-16|EPI_ISL_682387|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-1395/2020|2020-04-20|EPI_ISL_622478|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-AB1EEC/2020|2020-10-23|EPI_ISL_623724|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-29EF8/2020|2020-04-02|EPI_ISL_474254|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0301/2020|2020-05-18|EPI_ISL_463104|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-9CDA80/2020|2020-09-16|EPI_ISL_566323|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1223/2020|2020-03-29|EPI_ISL_639814|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Denmark/ALAB-SSI-1263/2020|2020-03-09|EPI_ISL_444835|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/PHWC-2DE9A/2020|2020-04-06|EPI_ISL_446033|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1260/2020|2020-00-00|EPI_ISL_684870|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-29899/2020|2020-10-02|EPI_ISL_576564|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-2681/2020|2020-08-17|EPI_ISL_617902|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5129/2020|2020-07-18|EPI_ISL_519932|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-1659B2/2020|2020-06-22|EPI_ISL_490749|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20153958/2020|2020-11-30|EPI_ISL_770119|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00233380/2020|2020-03-23|EPI_ISL_536021|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Boucher|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Spain/PV-IBV-000901/2020|2020-03-26|EPI_ISL_452665|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/SHEF-C1311/2020|2020-05-29|EPI_ISL_529353|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/HI-H200327/2020|2020-08-20|EPI_ISL_752885|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Brazil/RJ-1921/2020|2020-04-09|EPI_ISL_456091|Original|hCoV-19^^Rio de Janeiro|Human|Laboratory of Respiratory Viruses and Measles|Laboratory of Respiratory Viruses and Measles|Silva|Brazil

>Spike|hCoV-19/England/QEUEH-B7C31A/2020|2020-11-13|EPI_ISL_668240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-3928/2020|2020-09-30|EPI_ISL_636293|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/MILK-974D70/2020|2020-08-21|EPI_ISL_552452|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-84B6D/2020|2020-03-10|EPI_ISL_440525|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Australia/VIC3996/2020|2020-07-05|EPI_ISL_519385|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B6950B/2020|2020-11-11|EPI_ISL_655219|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0324/2020|2020-05-04|EPI_ISL_614105|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/OXON-B0F8A/2020|2020-04-27|EPI_ISL_478983|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-241/2020|2020-00-00|EPI_ISL_523220|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Australia/VIC3882/2020|2020-07-13|EPI_ISL_520595|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB8299/2020|2020-10-12|EPI_ISL_612318|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10167/2020|2020-04-19|EPI_ISL_447161|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Denmark/DCGC-17581/2020|2020-12-14|EPI_ISL_751082|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B7AD4B/2020|2020-11-13|EPI_ISL_741173|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/Vs-ETHZ-410763/2020|2020-12-11|EPI_ISL_737640|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-C93E66/2020|2020-12-18|EPI_ISL_777600|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49CC7A/2020|2020-12-07|EPI_ISL_742668|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-969D41/2020|2020-08-12|EPI_ISL_530825|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-NMDOH-2020134990/2020|2020-06-18|EPI_ISL_535282|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/ALDP-9B6185/2020|2020-08-28|EPI_ISL_572989|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1083FF/2020|2020-09-09|EPI_ISL_585189|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16EDBD/2020|2020-10-05|EPI_ISL_585863|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9C2BE2/2020|2020-09-10|EPI_ISL_566486|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5774/2020|2020-07-21|EPI_ISL_518572|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1AB1A9/2020|2020-04-19|EPI_ISL_470305|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-5D2BA7/2020|2020-06-19|EPI_ISL_558532|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15075/2020|2020-10-18|EPI_ISL_786559|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12831/2020|2020-08-19|EPI_ISL_790555|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-15324/2020|2020-11-23|EPI_ISL_713765|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A3EAC5/2020|2020-10-05|EPI_ISL_609630|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B81A9/2020|2020-10-24|EPI_ISL_637464|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC279/2020|2020-04-05|EPI_ISL_428793|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/MILK-BAB2F7/2020|2020-11-17|EPI_ISL_783311|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2EEF3/2020|2020-04-07|EPI_ISL_446173|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC6036/2020|2020-07-22|EPI_ISL_518077|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-955BC6/2020|2020-06-12|EPI_ISL_554004|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8EC92/2020|2020-11-13|EPI_ISL_674694|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AFF41/2020|2020-05-04|EPI_ISL_459201|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0268/2020|2020-05-05|EPI_ISL_480919|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/TX-HMH-2265/2020|2020-05-24|EPI_ISL_545214|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2EA1E9/2020|2020-00-00|EPI_ISL_665484|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Malaysia/IMR_WC94436/2020|2020-05-29|EPI_ISL_490102|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/England/MILK-9AA39D/2020|2020-09-01|EPI_ISL_550942|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-98007669/2020|2020-09-12|EPI_ISL_582075|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00clrea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-CA92DA/2020|2020-12-17|EPI_ISL_767107|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0255/2020|2020-04-25|EPI_ISL_527828|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC7299/2020|2020-07-20|EPI_ISL_564332|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BIRM-6A338/2020|2020-11-09|EPI_ISL_679043|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/MILK-9E13F4/2020|2020-09-19|EPI_ISL_577073|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2462/2020|2020-11-18|EPI_ISL_734206|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/NY-Wadsworth-237005-01/2020|2020-10-05|EPI_ISL_754539|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Canada/QC-AG4/2020|2020-04-11|EPI_ISL_463913|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Netherlands/ZH-EMC-571/2020|2020-09-20|EPI_ISL_577999|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/ARA-108709/2020|2020-11-18|EPI_ISL_728521|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Spain/VC-IBV-98004429/2020|2020-04-14|EPI_ISL_583923|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiología. Hospital General Universitario de Castellón|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/OR-OHSU-1349/2020|2020-07-15|EPI_ISL_509187|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Wales/ALDP-95AB2B/2020|2020-06-11|EPI_ISL_555005|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8333/2020|2020-08-00|EPI_ISL_687432|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORW-EB2D8/2020|2020-05-03|EPI_ISL_472307|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8608/2020|2020-10-26|EPI_ISL_625978|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1662/2020|2020-04-00|EPI_ISL_685268|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-4F909D/2020|2020-06-24|EPI_ISL_559285|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1368/2020|2020-09-08|EPI_ISL_536739|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-94F242/2020|2020-06-18|EPI_ISL_556006|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-138815/2020|2020-10-15|EPI_ISL_626727|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-C0660C/2020|2020-12-05|EPI_ISL_709554|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB2594/2020|2020-04-24|EPI_ISL_439235|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Malaysia/HPUPM-ML0074/2020|2020-04-07|EPI_ISL_738086|Original|hCoV-19^^Kuala Lumpur|Human|National Public Health Laboratory|Department of Medical Microbiology|Lam|Malaysia

>Spike|hCoV-19/USA/MN48-MDH48/2020|2020-03-13|EPI_ISL_417495|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Wang|USA

>Spike|hCoV-19/England/BRIS-122BBB/2020|2020-04-02|EPI_ISL_440785|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-S1987/2020|2020-06-04|EPI_ISL_497415|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/UT-04105/2020|2020-05-12|EPI_ISL_475743|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/NH-EMC-82/2020|2020-09-02|EPI_ISL_632527|Original|hCoV-19^^Noord Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Portugal/PT0848/2020|2020-03-27|EPI_ISL_511107|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/CO-CDPHE-2009053313/2020|2020-09-04|EPI_ISL_710263|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/LIVE-A256B/2020|2020-05-19|EPI_ISL_499998|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/NOTT-119B4E/2020|2020-11-04|EPI_ISL_627726|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/OXON-B46FA/2020|2020-04-25|EPI_ISL_534967|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1758/2020|2020-04-10|EPI_ISL_590763|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Northern Ireland/NIRE-101F2F/2020|2020-03-23|EPI_ISL_453479|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Australia/VIC6101/2020|2020-07-11|EPI_ISL_518124|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG666104/2020|2020-05-01|EPI_ISL_696194|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/LA-GBCL-26674722/2020|2020-04-11|EPI_ISL_485250|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Russia/StPetersburg-RII13532S/2020|2020-05-10|EPI_ISL_507256|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/WI-QDX-779/2020|2020-03-16|EPI_ISL_571565|Original|hCoV-19^^Wisconsin|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Japan/PG-1253/2020|2020-00-00|EPI_ISL_684863|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9E6C6D/2020|2020-09-24|EPI_ISL_580572|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3082/2020|2020-09-04|EPI_ISL_635834|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/VA-DCLS-0350/2020|2020-05-08|EPI_ISL_463117|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Denmark/DCGC-17927/2020|2020-12-14|EPI_ISL_749649|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AF4C89/2020|2020-10-30|EPI_ISL_663192|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A93A6/2020|2020-07-24|EPI_ISL_526370|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Russia/MOW-RII-MH3431S/2020|2020-10-07|EPI_ISL_733149|Original|hCoV-19^^Moscow|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/PORT-2D3DEF/2020|2020-04-22|EPI_ISL_512414|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19187/2020|2020-12-07|EPI_ISL_748801|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Finland/16MR9cA1/2020|2020-11-16|EPI_ISL_757299|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/BRIS-12224D/2020|2020-03-23|EPI_ISL_440026|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499E86/2020|2020-11-24|EPI_ISL_727457|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A63B00/2020|2020-10-09|EPI_ISL_596180|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10110/2020|2020-07-06|EPI_ISL_789277|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORW-EE81F/2020|2020-07-05|EPI_ISL_493542|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-247/2020|2020-00-00|EPI_ISL_523226|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYCPHL-000784/2020|2020-03-21|EPI_ISL_632164|Original|hCoV-19^^New York|Human|Richmond University Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/CAMC-B52A7F/2020|2020-11-09|EPI_ISL_657516|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13576/2020|2020-08-01|EPI_ISL_563763|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/FL-BPHL-0966/2020|2020-07-09|EPI_ISL_517856|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/HI-H200644/2020|2020-11-23|EPI_ISL_753168|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/LIVE-DCC434/2020|2020-11-25|EPI_ISL_724507|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-B5CBAF/2020|2020-11-09|EPI_ISL_655815|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-B02B7B/2020|2020-10-24|EPI_ISL_647808|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3446/2020|2020-06-11|EPI_ISL_544200|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-42409-01/2020|2020-04-09|EPI_ISL_525663|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/Sweden/20-08946/2020|2020-08-09|EPI_ISL_560981|Original|hCoV-19^^Stockholm|Human|Capio S|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Wales/PHWC-33ACA/2020|2020-04-20|EPI_ISL_446783|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A1E472/2020|2020-09-29|EPI_ISL_587390|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6265/2020|2020-06-22|EPI_ISL_547350|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB3027/2020|2020-04-03|EPI_ISL_488993|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C06138/2020|2020-12-05|EPI_ISL_721517|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-486/2020|2020-08-13|EPI_ISL_700134|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Finland/15LS6BE3/2020|2020-10-15|EPI_ISL_756178|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/NY-NYUMC210/2020|2020-04-03|EPI_ISL_427505|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/CAMB-1BA9CD/2020|2020-11-13|EPI_ISL_664770|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-9D8EE0/2020|2020-09-18|EPI_ISL_576682|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98003545/2020|2020-03-28|EPI_ISL_537971|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC32/2020|2020-03-10|EPI_ISL_419751|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/India/OR-ILSCV16512/2020|2020-05-12|EPI_ISL_463051|Original|hCoV-19^^Odisha|Human|Institute of Life Sciences|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-14325/2020|2020-10-05|EPI_ISL_787610|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4352/2020|2020-09-07|EPI_ISL_615554|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2500/2020|2020-12-30|EPI_ISL_779332|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/MILK-A7C876/2020|2020-10-15|EPI_ISL_607549|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/VEN-IZSVE-20RS2160-33/2020|2020-11-26|EPI_ISL_747463|Original|hCoV-19^^Veneto|Human|Ospedale San Bonifacio|Istituto Zooprofilattico Sperimentale delle Venezie|Quaranta|Italy

>Spike|hCoV-19/England/QEUA-BCCAE9/2020|2020-11-25|EPI_ISL_704396|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EFBA/2020|2020-10-05|EPI_ISL_587123|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC17146/2020|2020-08-14|EPI_ISL_663762|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CZB-10903/2020|2020-08-20|EPI_ISL_583132|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/CA-IGI-0091/2020|2020-06-11|EPI_ISL_511845|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001193/2020|2020-10-30|EPI_ISL_683937|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/BRIS-1853E27/2020|2020-04-27|EPI_ISL_492410|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22617/2020|2020-12-14|EPI_ISL_757672|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001018/2020|2020-09-14|EPI_ISL_633036|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Japan/PG-0443/2020|2020-03-30|EPI_ISL_480108|Original|hCoV-19^^Kanto|Human|Koshigaya City Public Health Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-956916/2020|2020-06-06|EPI_ISL_554142|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/GSTT-265DE95/2020|2020-03-28|EPI_ISL_484119|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/England/ALDP-B469DB/2020|2020-11-07|EPI_ISL_656141|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/France/OCC-SC543/2020|2020-03-30|EPI_ISL_645200|Original|hCoV-19^^Occitanie|Human|CHU N\u00eemes|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/ALAB-SSI-1261/2020|2020-03-09|EPI_ISL_444833|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/New Zealand/20VR0996/2020|2020-03-16|EPI_ISL_456179|Original|hCoV-19^^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/CA-ALSR-4130/2020|2020-07-02|EPI_ISL_648838|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/SHEF-C3DD5/2020|2020-11-09|EPI_ISL_680130|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-SEARCH-5416/2020|2020-11-30|EPI_ISL_755226|Original|hCoV-19^^California|Human|UCSD EXCITE lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Sweden/20-53612/2020|2020-11-21|EPI_ISL_766618|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Austria/CeMM0432/2020|2020-03-25|EPI_ISL_475859|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/North Macedonia/11890/2020|2020-09-09|EPI_ISL_678259|Original|hCoV-19^^Shtip|Human|Clinical Hospital - Shtip|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/USA/WI-QDX-194/2020|2020-04-30|EPI_ISL_494550|Original|hCoV-19^^Wisconsin|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/204960125/2020|2020-12-02|EPI_ISL_723010|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-06-UMTL-A388/2020|2020-06-09|EPI_ISL_479765|Original|hCoV-19^^Florida|Human|University of Miami Immunology and Histocompatibility Laboratory|University of Miami Immunology and Histocompatibility Laboratory|Margolles-Clark|USA

>Spike|hCoV-19/Germany/HH-hpi-p2180/2020|2020-03-28|EPI_ISL_776409|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/SHEF-CB1B3/2020|2020-04-11|EPI_ISL_442379|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/BRIS-12F7AB/2020|2020-03-07|EPI_ISL_488277|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F3BE8/2020|2020-09-24|EPI_ISL_588618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB2390/2020|2020-11-18|EPI_ISL_720140|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0139/2020|2020-04-30|EPI_ISL_515406|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Russia/AST-RII-MH4460S/2020|2020-08-15|EPI_ISL_733201|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/HI-H200097/2020|2020-04-24|EPI_ISL_752662|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Denmark/DCGC-8457/2020|2020-10-26|EPI_ISL_617405|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Czech Republic/IAB_10/2020|2020-03-31|EPI_ISL_426887|Original|hCoV-19^^Czech Republic|Human|Motol University Hospital|Institute of Applied Biotechnologies a.s.|Broz|Czech Republic

>Spike|hCoV-19/England/20129096504/2020|2020-03-11|EPI_ISL_424081|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-7515/2020|2020-08-00|EPI_ISL_686617|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC3103/2020|2020-07-04|EPI_ISL_520810|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-1603C8/2020|2020-05-15|EPI_ISL_472927|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0529/2020|2020-12-01|EPI_ISL_778906|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/United Arab Emirates/0470/2020|2020-05-18|EPI_ISL_698639|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/201360130/2020|2020-03-25|EPI_ISL_423220|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-480383/2020|2020-10-22|EPI_ISL_612878|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1663/2020|2020-08-29|EPI_ISL_644834|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/New Zealand/20CV0116/2020|2020-08-17|EPI_ISL_548002|Original|hCoV-19^^Combined Auckland|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/Japan/PG-1636/2020|2020-03-00|EPI_ISL_685242|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WI-UW-634/2020|2020-06-28|EPI_ISL_491327|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/LIVE-A9B80/2020|2020-03-24|EPI_ISL_517330|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Singapore/1319/2020|2020-05-21|EPI_ISL_648807|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Sweden/20-13107/2020|2020-12-29|EPI_ISL_775566|Original|hCoV-19^^Stockholm|Human|ABC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/LA-EVTL172/2020|2020-05-14|EPI_ISL_574307|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUH-CC7ADE/2020|2020-12-21|EPI_ISL_760262|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/GE-ETHZ-321475/2020|2020-10-14|EPI_ISL_603687|Original|hCoV-19^^Geneva|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/NSW1363/2020|2020-12-28|EPI_ISL_767929|Original|hCoV-19^^New South Wales|Human|Southern. IML Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/NY-NYCPHL-000982/2020|2020-09-28|EPI_ISL_633009|Original|hCoV-19^^New York|Human|DOHMH Central Harlem|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Ireland/WX-NVRL-72IRL33081/2020|2020-08-15|EPI_ISL_578334|Original|hCoV-19^^Wexford|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/WA-UW279/2020|2020-03-15|EPI_ISL_418064|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Germany/NW-HHU-462/2020|2020-12-11|EPI_ISL_770696|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Scotland/QEUH-9FF803/2020|2020-10-02|EPI_ISL_600132|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10579/2020|2020-07-08|EPI_ISL_789543|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S54/2020|2020-03-05|EPI_ISL_417107|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/WA-S1555/2020|2020-05-26|EPI_ISL_495981|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-B3B71B/2020|2020-11-01|EPI_ISL_679762|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUA-C4BBC0/2020|2020-12-14|EPI_ISL_736678|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-Broad-CMU_00116/2020|2020-11-10|EPI_ISL_765579|Original|hCoV-19^^Colorado|Human|Colorado Mesa University|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/CAMC-B21B49/2020|2020-11-01|EPI_ISL_647280|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00780/2020|2020-09-25|EPI_ISL_692916|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/England/ALDP-A2E22A/2020|2020-10-06|EPI_ISL_586919|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH2843S/2020|2020-09-25|EPI_ISL_733030|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Australia/VIC2524/2020|2020-06-30|EPI_ISL_522218|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Netherlands/FR-EMC-52/2020|2020-06-02|EPI_ISL_523144|Original|hCoV-19^^Friesland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/NoordBrabant_147/2020|2020-03-24|EPI_ISL_461182|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Wales/PHWC-16D598/2020|2020-09-20|EPI_ISL_574254|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-BDC5E5/2020|2020-11-27|EPI_ISL_709770|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-08125/2020|2020-03-09|EPI_ISL_454441|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-DSHS-1429/2020|2020-06-23|EPI_ISL_671613|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WI-GMF-06787/2020|2020-06-17|EPI_ISL_489910|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Japan/PG-0700/2020|2020-04-00|EPI_ISL_684310|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Jordan/AZ-ALSR-5227/2020|2020-10-18|EPI_ISL_730465|Original|hCoV-19^^Zarqa|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/TX-HMH-MCoV-14912/2020|2020-10-14|EPI_ISL_786396|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Northern Ireland/NIRE-2335B8/2020|2020-09-17|EPI_ISL_680301|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47EB44/2020|2020-10-07|EPI_ISL_595557|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-771/2020|2020-03-09|EPI_ISL_614764|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21040/2020|2020-12-21|EPI_ISL_759521|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2E7D0/2020|2020-10-05|EPI_ISL_586616|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5249/2020|2020-07-10|EPI_ISL_520014|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B7F2B0/2020|2020-11-14|EPI_ISL_668124|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4317/2020|2020-06-20|EPI_ISL_543526|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-310415/2020|2020-10-08|EPI_ISL_603489|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WI-UW-776/2020|2020-07-04|EPI_ISL_495480|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/India/GJ-GBRC228a/2020|2020-06-11|EPI_ISL_476865|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/MILK-A44C99/2020|2020-10-06|EPI_ISL_598685|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4231/2020|2020-07-15|EPI_ISL_519559|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-5810/2020|2020-06-30|EPI_ISL_547032|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-955768/2020|2020-06-12|EPI_ISL_554373|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0238/2020|2020-03-31|EPI_ISL_453952|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Spain/NC-IBV-001400/2020|2020-03-18|EPI_ISL_452501|Original|hCoV-19^^Navarra|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-MDHHS-SC21443/2020|2020-03-25|EPI_ISL_507697|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-B9FDD7/2020|2020-11-18|EPI_ISL_721090|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3995/2020|2020-09-14|EPI_ISL_615765|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AF580C/2020|2020-10-30|EPI_ISL_663056|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-95E8D5/2020|2020-08-09|EPI_ISL_532354|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/038/2020|2020-04-27|EPI_ISL_486421|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/USA/NM-NMDOH-2020328211/2020|2020-09-03|EPI_ISL_644588|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/England/20139024904/2020|2020-03-27|EPI_ISL_421895|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2536/2020|2020-06-19|EPI_ISL_514939|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/QEUEH-8AEDC9/2020|2020-07-21|EPI_ISL_532651|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9716C3/2020|2020-08-18|EPI_ISL_553232|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2095/2020|2020-04-10|EPI_ISL_493766|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20126008606/2020|2020-03-19|EPI_ISL_423882|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/reg-0403882/2020|2020-04-03|EPI_ISL_734532|Original|hCoV-19^^Beauvechain|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-B5E4FD/2020|2020-11-09|EPI_ISL_723662|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C1E7/2020|2020-11-03|EPI_ISL_666405|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR3012/2020|2020-04-23|EPI_ISL_461621|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-167/2020|2020-03-31|EPI_ISL_582244|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/MILK-ACD58E/2020|2020-10-21|EPI_ISL_634458|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F53B8/2020|2020-00-00|EPI_ISL_702744|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/SHEF-D028B/2020|2020-04-29|EPI_ISL_490636|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-390/2020|2020-04-08|EPI_ISL_437368|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/IC-0058/2020|2020-06-00|EPI_ISL_591400|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-7479/2020|2020-06-30|EPI_ISL_546790|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CDPHE-2008181790/2020|2020-08-17|EPI_ISL_677310|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/MILK-B56B1E/2020|2020-11-06|EPI_ISL_656733|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5968/2020|2020-00-00|EPI_ISL_518743|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14149/2020|2020-10-03|EPI_ISL_787434|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-AAA97C/2020|2020-10-21|EPI_ISL_652722|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_89/2020|2020-00-00|EPI_ISL_422883|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/QEUA-96AC07/2020|2020-08-17|EPI_ISL_531342|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12240/2020|2020-09-24|EPI_ISL_790261|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC935/2020|2020-03-25|EPI_ISL_430471|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-2064/2020|2020-05-10|EPI_ISL_545098|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MA-MGH-03261/2020|2020-10-19|EPI_ISL_765762|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Iceland/571/2020|2020-03-28|EPI_ISL_424591|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Japan/TKYT30430/2020|2020-08-00|EPI_ISL_649144|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Ryota|Japan

>Spike|hCoV-19/Japan/PG-4163/2020|2020-07-00|EPI_ISL_692402|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-290/2020|2020-07-14|EPI_ISL_498549|Original|hCoV-19^^Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/Spain/VC-FISABIO-274/2020|2020-03-26|EPI_ISL_436369|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiologia. Hospital Clinico Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/England/MILK-86F043/2020|2020-07-17|EPI_ISL_557365|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH071/2020|2020-03-18|EPI_ISL_434780|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-496A1C/2020|2020-11-22|EPI_ISL_726672|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/NSW691/2020|2020-07-20|EPI_ISL_513334|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Liverpool Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUA-8AE576/2020|2020-07-24|EPI_ISL_532717|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1315/2020|2020-06-08|EPI_ISL_618049|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-19709/2020|2020-11-22|EPI_ISL_784061|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Germany/SH-ChVir20305/2020|2020-11-15|EPI_ISL_729642|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/ALDP-AA4B8B/2020|2020-10-21|EPI_ISL_624447|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B117EE/2020|2020-11-02|EPI_ISL_642285|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/HI-H200616/2020|2020-11-23|EPI_ISL_753142|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Japan/PG-2980/2020|2020-04-00|EPI_ISL_691104|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-78926/2020|2020-04-07|EPI_ISL_433792|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-02781/2020|2020-09-24|EPI_ISL_765631|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-4993C3/2020|2020-12-04|EPI_ISL_727298|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1158/2020|2020-07-03|EPI_ISL_634959|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/South Africa/L00162/2020|2020-07-26|EPI_ISL_622955|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Scotland/EDB3895/2020|2020-05-01|EPI_ISL_439359|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS6614402/2020|2020-11-30|EPI_ISL_770862|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/MILK-970266/2020|2020-08-17|EPI_ISL_553227|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9A43DF/2020|2020-09-01|EPI_ISL_540166|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-2/2020|2020-04-11|EPI_ISL_537509|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/WI-UW-1283/2020|2020-08-21|EPI_ISL_536655|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/SHEF-CBA5E/2020|2020-10-31|EPI_ISL_651224|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-6E9D00/2020|2020-06-30|EPI_ISL_557733|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-95E811/2020|2020-08-07|EPI_ISL_532341|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1221B9/2020|2020-03-22|EPI_ISL_439953|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WA-S2271/2020|2020-06-10|EPI_ISL_497699|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B23172/2020|2020-11-02|EPI_ISL_651721|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/ST-MD006/2020|2020-04-16|EPI_ISL_728346|Original|hCoV-19^^Saxony-Anhalt|Human|Institute of medical Microbiology and hospital Hygiene|Institute of medical Microbiology and hospital Hygiene|Tersteegen|Germany

>Spike|hCoV-19/Australia/VIC17536/2020|2020-08-19|EPI_ISL_663914|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2190/2020|2020-04-11|EPI_ISL_477871|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL979/2020|2020-08-18|EPI_ISL_653670|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WA-S2196/2020|2020-06-08|EPI_ISL_497624|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/WA-S2365/2020|2020-06-11|EPI_ISL_496997|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Singapore/109/2020|2020-03-05|EPI_ISL_443201|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Portugal/PT0427/2020|2020-03-28|EPI_ISL_454151|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-MCoV-13763/2020|2020-08-17|EPI_ISL_788856|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/PE-IAM248/2020|2020-04-09|EPI_ISL_500871|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/England/ALDP-C3BC1B/2020|2020-12-11|EPI_ISL_731229|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49787B/2020|2020-11-22|EPI_ISL_726893|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1230/2020|2020-03-27|EPI_ISL_654731|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-AC83D4/2020|2020-10-21|EPI_ISL_629290|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-233767/2020|2020-10-01|EPI_ISL_680314|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Japan/PG-1452/2020|2020-04-00|EPI_ISL_685059|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B6AFFD/2020|2020-11-11|EPI_ISL_662547|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SR0412/2020|2020-04-21|EPI_ISL_458282|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-2125/2020|2020-07-27|EPI_ISL_618388|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B84D11/2020|2020-11-15|EPI_ISL_674484|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-126786/2020|2020-04-10|EPI_ISL_459011|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A8E8F/2020|2020-09-01|EPI_ISL_551159|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A45B4/2020|2020-07-03|EPI_ISL_584620|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-00986/2020|2020-04-06|EPI_ISL_426159|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-6261/2020|2020-10-05|EPI_ISL_620021|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-10762/2020|2020-11-02|EPI_ISL_670190|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-7521/2020|2020-08-00|EPI_ISL_686623|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Indonesia/BT-MRINUPH-200622-158/2020|2020-06-17|EPI_ISL_779384|Original|hCoV-19^^Banten|Human|Siloam Hospital Lippo Village|Mochtar Riady Institute for Nanotechnology-Universitas Pelita Harapan|Suriapranata|Indonesia

>Spike|hCoV-19/Scotland/EDB7808/2020|2020-09-22|EPI_ISL_572776|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/LIVE-9BA1B/2020|2020-04-19|EPI_ISL_440894|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D32F/2020|2020-10-08|EPI_ISL_586129|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD3A4A/2020|2020-10-26|EPI_ISL_629955|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E76F5/2020|2020-09-24|EPI_ISL_638212|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AD6704/2020|2020-10-26|EPI_ISL_649780|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00192/2020|2020-03-26|EPI_ISL_460304|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/201040046/2020|2020-03-04|EPI_ISL_464315|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2863D/2020|2020-03-30|EPI_ISL_432359|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21688/2020|2020-03-24|EPI_ISL_529807|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12609/2020|2020-08-31|EPI_ISL_790418|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-9F0A48/2020|2020-09-24|EPI_ISL_589612|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002384/2020|2020-07-22|EPI_ISL_515750|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Spain/CT-IBV-97009567/2020|2020-07-28|EPI_ISL_683633|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-21209/2020|2020-12-21|EPI_ISL_758815|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/BC_03452391/2020|2020-04-00|EPI_ISL_466741|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/VA-DCLS-0261/2020|2020-04-18|EPI_ISL_452834|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC15488/2020|2020-07-30|EPI_ISL_593328|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-B42386/2020|2020-11-08|EPI_ISL_657216|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8228/2020|2020-08-00|EPI_ISL_687327|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Guangzhou/GZMU0030/2020|2020-02-27|EPI_ISL_414686|Original|hCoV-19^^Guangdong|Human|State Key Laboratory of Respiratory Disease|The First Affiliated Hospital of Guangzhou Medical University & BGI-Shenzhen|Ji|China

>Spike|hCoV-19/Australia/WA24/2020|2020-04-01|EPI_ISL_470842|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA|Sikazwe|Australia

>Spike|hCoV-19/USA/UT-01822/2020|2020-04-10|EPI_ISL_509572|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/BRIS-122DD3/2020|2020-04-03|EPI_ISL_440726|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/PORT-2E8EC6/2020|2020-00-00|EPI_ISL_763603|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0543/2020|2020-03-12|EPI_ISL_485844|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/MILK-B06209/2020|2020-10-24|EPI_ISL_643016|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13347/2020|2020-07-30|EPI_ISL_563686|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-96E641/2020|2020-08-17|EPI_ISL_530587|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EE84/2020|2020-10-14|EPI_ISL_607047|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/3122/2020|2020-08-07|EPI_ISL_590921|Original|hCoV-19^^Viken|Human|Ostfold Hospital Trust - Kalnes|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Netherlands/ZH-EMC-855/2020|2020-10-16|EPI_ISL_632737|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S2668/2020|2020-06-22|EPI_ISL_497300|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000507/2020|2020-03-25|EPI_ISL_631968|Original|hCoV-19^^New York|Human|Flushing Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Scotland/CVR307/2020|2020-03-21|EPI_ISL_439025|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648625/2020|2020-04-27|EPI_ISL_695863|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Australia/SAP320/2020|2020-03-27|EPI_ISL_483100|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/ALDP-B85A73/2020|2020-11-14|EPI_ISL_675636|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4624/2020|2020-09-21|EPI_ISL_621293|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-4807/2020|2020-05-05|EPI_ISL_730154|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-B742BB/2020|2020-11-12|EPI_ISL_662063|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-289BC/2020|2020-04-03|EPI_ISL_432157|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-C61405/2020|2020-12-13|EPI_ISL_769326|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Romania/284783/2020|2020-05-14|EPI_ISL_455474|Original|hCoV-19^^Arges|Human|Laboratory for Respiratory Viruses|Cantacuzino Institute|Lazar|Romania

>Spike|hCoV-19/Denmark/DCGC-19023/2020|2020-12-07|EPI_ISL_748705|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-961198/2020|2020-08-05|EPI_ISL_532080|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-944386/2020|2020-06-07|EPI_ISL_554642|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12364/2020|2020-09-25|EPI_ISL_790313|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Poland/PL_MCB_6/2020|2020-04-07|EPI_ISL_645005|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Sweden/20-53570/2020|2020-11-26|EPI_ISL_710576|Original|hCoV-19^^Skane|Human|VC Sorgenfrimottagningen|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-C3C791/2020|2020-12-10|EPI_ISL_731155|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/TI-ETHZ-120202/2020|2020-04-28|EPI_ISL_468275|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Wales/PHWC-4A1489/2020|2020-12-09|EPI_ISL_743677|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-001366/2020|2020-03-12|EPI_ISL_452535|Original|hCoV-19^^Madrid|Human|Cl\u00ednica Universidad de Navarra. Servicio de Enfermedades Infecciosas y Microbiolog\u00eda cl\u00ednica|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Germany/BE-ChVir-D1938-8233/2020|2020-09-28|EPI_ISL_753786|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Denmark/DCGC-12300/2020|2020-11-16|EPI_ISL_682481|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-256/2020|2020-04-06|EPI_ISL_428730|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Spain/AR-IBV-2451/2020|2020-03-28|EPI_ISL_468770|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Australia/WA318/2020|2020-04-10|EPI_ISL_596861|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-15431/2020|2020-10-22|EPI_ISL_786915|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Netherlands/NA_170/2020|2020-03-16|EPI_ISL_422705|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/WA-S929/2020|2020-04-23|EPI_ISL_463419|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUEH-CC96F6/2020|2020-12-23|EPI_ISL_782115|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC22CD/2020|2020-11-22|EPI_ISL_704982|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/KLU-RII-MH3421S/2020|2020-10-06|EPI_ISL_733142|Original|hCoV-19^^Kaluga|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/ALDP-A6885F/2020|2020-10-12|EPI_ISL_608434|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS1639067/2020|2020-11-20|EPI_ISL_739966|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/FL-BPHL-1867/2020|2020-04-09|EPI_ISL_613757|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/204321425/2020|2020-10-20|EPI_ISL_649827|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D9EA/2020|2020-10-06|EPI_ISL_586764|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrein/BAH-02/2020|2020-03-11|EPI_ISL_483543|Original|hCoV-19^^Bahrain|Human|Kingdom of Bahrein Ministry of Health|Erasmus Medical Center|Oude Munnink|Bahrain

>Spike|hCoV-19/England/NORT-2A5399/2020|2020-09-24|EPI_ISL_584688|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000676/2020|2020-03-13|EPI_ISL_632094|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Denmark/DCGC-22386/2020|2020-12-14|EPI_ISL_757531|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E6AAF/2020|2020-09-24|EPI_ISL_580624|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14114/2020|2020-10-03|EPI_ISL_787400|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4928DA/2020|2020-11-20|EPI_ISL_725716|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1860/2020|2020-03-31|EPI_ISL_456287|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/England/MILK-A9178D/2020|2020-10-19|EPI_ISL_705983|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3102/2020|2020-08-31|EPI_ISL_615918|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21913/2020|2020-12-21|EPI_ISL_758452|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-S763/2020|2020-04-00|EPI_ISL_586439|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Switzerland/BL-UHB-42197767/2020|2020-03-18|EPI_ISL_528219|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-B26F48/2020|2020-11-04|EPI_ISL_664385|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-CEFBF7/2020|2020-12-21|EPI_ISL_781318|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1702/2020|2020-04-02|EPI_ISL_468636|Original|hCoV-19^^California|Human|Contra Costa Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/USA/VA-DCLS-0645/2020|2020-04-11|EPI_ISL_495317|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Japan/PG-1657/2020|2020-04-00|EPI_ISL_685263|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-10664/2020|2020-07-08|EPI_ISL_789189|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUIH-9433D2/2020|2020-07-31|EPI_ISL_532590|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-286E33/2020|2020-10-26|EPI_ISL_652340|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Canada/NS-NML-1366/2020|2020-04-14|EPI_ISL_579742|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-16166/2020|2020-10-29|EPI_ISL_785850|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-114C6E/2020|2020-10-10|EPI_ISL_584766|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A66BB2/2020|2020-10-12|EPI_ISL_630673|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201141474/2020|2020-03-09|EPI_ISL_464756|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Sweden/20-07919/2020|2020-04-24|EPI_ISL_450823|Original|hCoV-19^^Vastra Gotaland|Human|Narhalsan Backa vardcentral|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-9AA0B4/2020|2020-09-01|EPI_ISL_550949|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1663/2020|2020-06-24|EPI_ISL_710066|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12984/2020|2020-08-28|EPI_ISL_788135|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9A575/2020|2020-03-26|EPI_ISL_449346|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20065/2020|2020-03-23|EPI_ISL_437152|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUA-B11863/2020|2020-11-02|EPI_ISL_642454|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B8C283/2020|2020-11-12|EPI_ISL_674327|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12313/2020|2020-11-16|EPI_ISL_682494|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10290/2020|2020-07-23|EPI_ISL_540457|Original|hCoV-19^^Hainaut|Human|University of Li\u00e8ge COVID-19 testing center|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/UT-08645/2020|2020-05-07|EPI_ISL_524379|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-CZB-12872/2020|2020-10-16|EPI_ISL_648527|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/QEUA-9B9A1E/2020|2020-09-07|EPI_ISL_549794|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/PRI-RII-MH765S/2020|2020-08-11|EPI_ISL_733011|Original|hCoV-19^^Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-6132/2020|2020-09-21|EPI_ISL_621166|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036774731/2020|2020-11-04|EPI_ISL_728372|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Australia/VIC4595/2020|2020-07-13|EPI_ISL_518996|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/Rega-0328186/2020|2020-03-28|EPI_ISL_458156|Original|hCoV-19^^Kaggevinne|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Finland/15ES7C1/2020|2020-08-15|EPI_ISL_756166|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUA-A9F6FB/2020|2020-10-20|EPI_ISL_611408|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10029/2020|2020-03-30|EPI_ISL_421203|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/India/WB-IICB-022/2020|2020-08-12|EPI_ISL_581496|Original|hCoV-19^^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India

>Spike|hCoV-19/England/OXON-ADE92/2020|2020-00-00|EPI_ISL_448642|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Iran/SA-Isf-16/2020|2020-05-09|EPI_ISL_591062|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Haghjooy Javanmard,S.|Iran

>Spike|hCoV-19/England/NORW-F8821/2020|2020-11-10|EPI_ISL_650211|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17503/2020|2020-12-14|EPI_ISL_751027|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-15512/2020|2020-11-23|EPI_ISL_713861|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-495B83/2020|2020-11-25|EPI_ISL_726448|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-UW-1572/2020|2020-03-19|EPI_ISL_424171|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/LEED-2AA17C/2020|2020-04-09|EPI_ISL_538833|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C6E75/2020|2020-08-30|EPI_ISL_540735|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0022/2020|2020-03-13|EPI_ISL_513434|Original|hCoV-19^^Maine|Human|Maine HETL|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/QEUA-B41572/2020|2020-11-08|EPI_ISL_658709|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1620/2020|2020-09-04|EPI_ISL_594310|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/MA-MGH-00211/2020|2020-03-27|EPI_ISL_460425|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/Denmark/DCGC-8431/2020|2020-10-26|EPI_ISL_617925|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-GA57/2020|2020-06-20|EPI_ISL_508252|Original|hCoV-19^^Maharashtra|Human|Government Medical College|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Poland/PL_MCB_93/2020|2020-05-10|EPI_ISL_645092|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group|Poland

>Spike|hCoV-19/France/ARA-SC146/2020|2020-05-08|EPI_ISL_700410|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Denmark/DCGC-22664/2020|2020-11-02|EPI_ISL_757700|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/NS_32/2020|2020-03-15|EPI_ISL_429814|Original|hCoV-19^^Nova Scotia|Human|Queen Elizabeth II Health Science Centre|National Microbiology Laboratory|Majer|Canada

>Spike|hCoV-19/USA/WI-UW-1073/2020|2020-07-26|EPI_ISL_516499|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-9D4093/2020|2020-09-18|EPI_ISL_601626|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004548/2020|2020-10-27|EPI_ISL_660245|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-C25CD8/2020|2020-12-06|EPI_ISL_782993|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL_6318/2020|2020-03-02|EPI_ISL_420785|Original|hCoV-19^^Florida|Human|FL Bureau of Health Laboratories Tampa|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/South Africa/KRISP-K002588/2020|2020-07-31|EPI_ISL_535453|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/UN-CDC-7441/2020|2020-04-21|EPI_ISL_514070|Original|hCoV-19^^USA|Human|Navy and Marine Corps Public Health Center|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Belgium/UGent-333/2020|2020-12-14|EPI_ISL_745218|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/MILK-B06263/2020|2020-10-24|EPI_ISL_642839|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204561545/2020|2020-11-05|EPI_ISL_678693|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497213/2020|2020-11-26|EPI_ISL_726797|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EAB74/2020|2020-05-10|EPI_ISL_457357|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/QEUI-AAE732/2020|2020-10-22|EPI_ISL_652975|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUI-9B3E63/2020|2020-09-08|EPI_ISL_573553|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Nigeria/LA-CV262/2020|2020-04-05|EPI_ISL_729946|Original|hCoV-19^^Lagos State|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/England/ALDP-9508F1/2020|2020-06-14|EPI_ISL_554588|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/LI-EMC-154/2020|2020-11-24|EPI_ISL_763122|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-DC0931/2020|2020-11-04|EPI_ISL_702541|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Belgium/Rega-0331264/2020|2020-03-31|EPI_ISL_458234|Original|hCoV-19^^Leuven|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-A6D544/2020|2020-10-15|EPI_ISL_608300|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8E745/2020|2020-12-15|EPI_ISL_777627|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-C33105/2020|2020-12-11|EPI_ISL_757158|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004410/2020|2020-04-13|EPI_ISL_583917|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-99CE8E/2020|2020-08-31|EPI_ISL_549819|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1798/2020|2020-05-23|EPI_ISL_480622|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/AZ-TG395903/2020|2020-06-08|EPI_ISL_694747|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUH-96455D/2020|2020-08-10|EPI_ISL_536951|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3949541/2020|2020-12-01|EPI_ISL_770869|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Scotland/CVR2671/2020|2020-04-17|EPI_ISL_484633|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-B11265/2020|2020-11-02|EPI_ISL_642538|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-960F80/2020|2020-08-05|EPI_ISL_531943|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020641108/2020|2020-12-26|EPI_ISL_767060|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Wales/PHWC-49303B/2020|2020-11-28|EPI_ISL_725826|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-9D5DC/2020|2020-04-10|EPI_ISL_453215|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48023B/2020|2020-10-18|EPI_ISL_612866|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-96B19E/2020|2020-08-18|EPI_ISL_531349|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16C353/2020|2020-09-22|EPI_ISL_574044|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-2140/2020|2020-04-12|EPI_ISL_468906|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/20149008104/2020|2020-03-31|EPI_ISL_466133|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MD-HP12120/2020|2020-12-26|EPI_ISL_791433|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/Australia/VIC4028/2020|2020-07-12|EPI_ISL_519414|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-C06833/2020|2020-12-06|EPI_ISL_709560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG306003/2020|2020-04-30|EPI_ISL_694311|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Scotland/QEUEH-96E4CF/2020|2020-08-20|EPI_ISL_534501|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1781/2020|2020-03-19|EPI_ISL_775698|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Wales/ALDP-94C737/2020|2020-06-15|EPI_ISL_555888|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/309/2020|2020-05-15|EPI_ISL_462427|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/LIVE-A2FC7/2020|2020-05-18|EPI_ISL_499911|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/QLD1190/2020|2020-03-27|EPI_ISL_639781|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Wales/PHWC-30CD6/2020|2020-04-11|EPI_ISL_446349|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9DEAC8/2020|2020-09-21|EPI_ISL_601190|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10877/2020|2020-11-13|EPI_ISL_678420|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-480C1F/2020|2020-10-18|EPI_ISL_611564|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1798/2020|2020-05-00|EPI_ISL_685404|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16A8B0/2020|2020-09-12|EPI_ISL_560119|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/OXON-B440F/2020|2020-03-24|EPI_ISL_534953|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/LIVE-DC0D17/2020|2020-11-03|EPI_ISL_704057|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/OXON-AF4E9/2020|2020-00-00|EPI_ISL_478745|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII15228S/2020|2020-05-12|EPI_ISL_507262|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/DCGC-15792/2020|2020-11-23|EPI_ISL_713307|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CHLA-PLM50806022/2020|2020-12-04|EPI_ISL_753642|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/MILK-9D5399/2020|2020-09-19|EPI_ISL_577052|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/PORT-2F5CEA/2020|2020-04-04|EPI_ISL_512420|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1633/2020|2020-04-28|EPI_ISL_539827|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/United Arab Emirates/0100/2020|2020-05-19|EPI_ISL_698184|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Northern Ireland/MILK-970FAB/2020|2020-08-17|EPI_ISL_553239|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8454/2020|2020-10-26|EPI_ISL_617387|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B02971/2020|2020-10-24|EPI_ISL_642891|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC21FC/2020|2020-12-21|EPI_ISL_760682|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC928/2020|2020-04-23|EPI_ISL_489549|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-970460/2020|2020-08-17|EPI_ISL_581401|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00229/2020|2020-04-06|EPI_ISL_460188|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/BRIS-12DD50/2020|2020-05-30|EPI_ISL_481984|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9947E5/2020|2020-08-24|EPI_ISL_552285|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13119/2020|2020-10-27|EPI_ISL_672415|Original|hCoV-19^^California|Human|Madera County Department of Public Health|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/India/TG-CCMB-L1564/2020|2020-05-26|EPI_ISL_471620|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/CAMC-C98933/2020|2020-12-17|EPI_ISL_777632|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2020/2020|2020-05-03|EPI_ISL_486272|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/CAMC-B338B6/2020|2020-11-05|EPI_ISL_659145|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-495C62/2020|2020-11-25|EPI_ISL_726462|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/205160491/2020|2020-12-16|EPI_ISL_766422|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-874E6F/2020|2020-07-19|EPI_ISL_557470|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-260186/2020|2020-08-27|EPI_ISL_539475|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Spain/PV-IBV-003228/2020|2020-03-14|EPI_ISL_480985|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Wales/PHWC-361A4/2020|2020-04-29|EPI_ISL_474630|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E2126/2020|2020-09-20|EPI_ISL_581259|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15513/2020|2020-10-23|EPI_ISL_786997|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Italy/LAZ-INMI-134/2020|2020-12-22|EPI_ISL_765572|Original|hCoV-19^^Lazio|Human|National Institute for Infectious Diseases|National Institute for Infectious Diseases|Gruber|Italy

>Spike|hCoV-19/England/MILK-9573CC/2020|2020-06-13|EPI_ISL_554025|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6C888/2020|2020-10-15|EPI_ISL_608048|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036705555/2020|2020-10-30|EPI_ISL_682106|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/IL_1293/2020|2020-03-01|EPI_ISL_420790|Original|hCoV-19^^Illinois|Human|Illinois Department of Public Health Chicago Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/NORW-EA743/2020|2020-05-21|EPI_ISL_461863|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/NSW3075/2020|2020-11-16|EPI_ISL_678383|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/USA/MI-QDX-369/2020|2020-03-23|EPI_ISL_571112|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LOND-D656E/2020|2020-04-22|EPI_ISL_487578|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100016535/2020|2020-11-20|EPI_ISL_771324|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/CA-CZB-4081/2020|2020-08-10|EPI_ISL_548651|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/PHWC-4960ED/2020|2020-11-26|EPI_ISL_726531|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB7826/2020|2020-09-21|EPI_ISL_572414|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/AZ-TG666178/2020|2020-05-01|EPI_ISL_696255|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/TX-HMH-5183/2020|2020-06-19|EPI_ISL_544582|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/New Zealand/20CV0269/2020|2020-03-21|EPI_ISL_579063|Original|hCoV-19^^Hawkes Bay|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/CAMC-B7AF81/2020|2020-11-12|EPI_ISL_723973|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-A65D80/2020|2020-10-11|EPI_ISL_637516|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11862/2020|2020-09-16|EPI_ISL_790122|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Sichuan/SC-PHCC1-030/2020|2020-01-27|EPI_ISL_451351|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Spain/MD-IBV-99008558/2020|2020-09-19|EPI_ISL_654099|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-4923F7/2020|2020-11-17|EPI_ISL_706844|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-CFCDC/2020|2020-05-06|EPI_ISL_475482|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUA-A375E9/2020|2020-10-05|EPI_ISL_638728|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6DCA9/2020|2020-10-14|EPI_ISL_606993|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-126BE4/2020|2020-04-10|EPI_ISL_458978|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2151/2020|2020-03-23|EPI_ISL_498052|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Australia/VIC7115/2020|2020-08-03|EPI_ISL_564240|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-948E36/2020|2020-07-22|EPI_ISL_556522|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21960/2020|2020-12-21|EPI_ISL_758478|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/VS-ETHZ-321390/2020|2020-10-13|EPI_ISL_603631|Original|hCoV-19^^Valais|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-ACTREC-332/2020|2020-07-19|EPI_ISL_699981|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Japan/PG-2238/2020|2020-04-00|EPI_ISL_685843|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-9A9255/2020|2020-09-01|EPI_ISL_551166|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96DB07/2020|2020-08-20|EPI_ISL_534514|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/Gelderland_31/2020|2020-04-09|EPI_ISL_460931|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/FL-BPHL-2227/2020|2020-09-04|EPI_ISL_666849|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/NORW-F52AE/2020|2020-11-16|EPI_ISL_725239|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Portugal/PT1941/2020|2020-11-10|EPI_ISL_732169|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/WI-UW-2335/2020|2020-11-19|EPI_ISL_728101|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMC-AEAD29/2020|2020-10-26|EPI_ISL_633308|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9C54B/2020|2020-11-15|EPI_ISL_673348|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB013E/2020|2020-11-18|EPI_ISL_720123|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204961201/2020|2020-12-01|EPI_ISL_678830|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20192/2020|2020-03-21|EPI_ISL_447057|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-B42368/2020|2020-11-08|EPI_ISL_657123|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201090694/2020|2020-03-08|EPI_ISL_464598|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5669/2020|2020-09-28|EPI_ISL_619956|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-12822/2020|2020-10-19|EPI_ISL_683003|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Lithuania/AL-LUHS-Eilnr2/2020|2020-04-02|EPI_ISL_603083|Original|hCoV-19^^Alytaus apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/England/QEUH-9DDD1B/2020|2020-09-21|EPI_ISL_599736|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-380279/2020|2020-11-25|EPI_ISL_721875|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-1142D5/2020|2020-10-06|EPI_ISL_577156|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10817/2020|2020-07-05|EPI_ISL_789642|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-94CD80/2020|2020-06-15|EPI_ISL_556070|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18207/2020|2020-12-14|EPI_ISL_749387|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1118/2020|2020-05-04|EPI_ISL_470798|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/CAMB-7F558/2020|2020-04-08|EPI_ISL_442910|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012419/2020|2020-11-17|EPI_ISL_780039|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-CDF87F/2020|2020-12-26|EPI_ISL_782168|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S974/2020|2020-05-01|EPI_ISL_463464|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/NORT-298663/2020|2020-04-22|EPI_ISL_488149|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6127/2020|2020-07-07|EPI_ISL_547260|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CWAR-24FDD32/2020|2020-05-05|EPI_ISL_584515|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DFB8/2020|2020-10-01|EPI_ISL_585649|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9B44CA/2020|2020-09-02|EPI_ISL_573810|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Scotland/EDB8745/2020|2020-10-25|EPI_ISL_651989|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1586/2020|2020-03-23|EPI_ISL_468516|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13195/2020|2020-08-26|EPI_ISL_788346|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-6420/2020|2020-07-05|EPI_ISL_545986|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-482EBD/2020|2020-10-11|EPI_ISL_627750|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0451/2020|2020-05-05|EPI_ISL_477664|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/CT-Yale-310/2020|2020-03-30|EPI_ISL_476538|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/LIVE-AAF47/2020|2020-07-28|EPI_ISL_540624|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-S143/2020|2020-03-15|EPI_ISL_430180|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Scotland/CVR4938/2020|2020-10-02|EPI_ISL_594704|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20134006704/2020|2020-03-24|EPI_ISL_423072|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/EXET-13A619/2020|2020-11-09|EPI_ISL_664216|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Australia/VIC788/2020|2020-03-31|EPI_ISL_427063|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/CA-QDX-1540/2020|2020-03-18|EPI_ISL_603788|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MN-MDH-2079/2020|2020-10-31|EPI_ISL_683708|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Wales/PHWC-36450/2020|2020-04-30|EPI_ISL_474667|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-NIV-17547/2020|2020-04-29|EPI_ISL_479508|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-9CB27B/2020|2020-09-16|EPI_ISL_575451|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9473/2020|2020-11-09|EPI_ISL_668720|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-0368/2020|2020-03-25|EPI_ISL_480038|Original|hCoV-19^^Kanto|Human|Tochigi Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-49453B/2020|2020-11-19|EPI_ISL_726130|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC5283/2020|2020-07-17|EPI_ISL_520048|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/PORT-2F560A/2020|2020-00-00|EPI_ISL_703502|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Spain/AN-IBV-001086/2020|2020-03-27|EPI_ISL_452600|Original|hCoV-19^^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US.|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/NOTT-110655/2020|2020-04-17|EPI_ISL_441541|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2072/2020|2020-03-20|EPI_ISL_775734|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Ireland/D-NVRL-20G35265/2020|2020-03-20|EPI_ISL_605090|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/USA/WY-WPHL-20172755/2020|2020-12-31|EPI_ISL_770479|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/CA-CZB-216/2020|2020-08-26|EPI_ISL_583002|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LOND-124D3BE/2020|2020-03-29|EPI_ISL_507093|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-1708/2020|2020-04-20|EPI_ISL_496369|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/FL-BPHL-0945/2020|2020-07-16|EPI_ISL_517835|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-A6C35A/2020|2020-10-15|EPI_ISL_608342|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-CBFE28/2020|2020-12-20|EPI_ISL_760535|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-03992/2020|2020-05-09|EPI_ISL_493024|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/Australia/NSW1283/2020|2020-12-17|EPI_ISL_745107|Original|hCoV-19^^New South Wales|Human|Pathology North - Royal North Shore Hospital - NSW Health Pathology|CIDM-PH|Gall|Australia

>Spike|hCoV-19/Australia/VIC4133/2020|2020-07-14|EPI_ISL_519505|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-96AEE3/2020|2020-08-15|EPI_ISL_531258|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F60F5/2020|2020-09-25|EPI_ISL_588728|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-IGIB11305065/2020|2020-07-00|EPI_ISL_751307|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB|Max|Pandey|India

>Spike|hCoV-19/Belgium/reg-0621709/2020|2020-06-21|EPI_ISL_734775|Original|hCoV-19^^Brussel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/MILK-A0660E/2020|2020-10-01|EPI_ISL_600080|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-95E389/2020|2020-08-08|EPI_ISL_537045|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493772/2020|2020-11-29|EPI_ISL_725937|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292772-01/2020|2020-12-26|EPI_ISL_769944|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/20169002804/2020|2020-04-16|EPI_ISL_465172|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/IL-NM055/2020|2020-03-14|EPI_ISL_444551|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/Wales/PHWC-279EA/2020|2020-03-01|EPI_ISL_431938|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-16038/2020|2020-10-30|EPI_ISL_785722|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/VC-FISABIO-293/2020|2020-03-17|EPI_ISL_436388|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Consorcio Hospital General Universitario de Valencia|Sequencing and Bioinformatics Service and Molecular Epidemiology Research Group. FISABIO-Public Health|Gonzalez-Candelas|Spain

>Spike|hCoV-19/Scotland/GCVR-1706BD/2020|2020-03-23|EPI_ISL_459634|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10CA0A5/2020|2020-12-18|EPI_ISL_765166|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-400062/2020|2020-12-05|EPI_ISL_729115|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/United Arab Emirates/L6599/2020|2020-02-25|EPI_ISL_435138|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Canada/ON-PHL-20-03659/2020|2020-11-00|EPI_ISL_775097|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-19264/2020|2020-11-23|EPI_ISL_783724|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14985/2020|2020-10-17|EPI_ISL_786469|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A2FD2/2020|2020-12-14|EPI_ISL_744040|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1257/2020|2020-06-09|EPI_ISL_482978|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/MILK-ACFB99/2020|2020-10-22|EPI_ISL_652126|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004628/2020|2020-11-02|EPI_ISL_660644|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Japan/PG-5710/2020|2020-08-00|EPI_ISL_688833|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Panama/339644/2020|2020-04-12|EPI_ISL_496898|Original|hCoV-19^^Colon|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Australia/VIC8800/2020|2020-07-31|EPI_ISL_565203|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-13531/2020|2020-08-21|EPI_ISL_788656|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-7134/2020|2020-08-00|EPI_ISL_688239|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-B6A36A/2020|2020-11-11|EPI_ISL_662448|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0447/2020|2020-06-05|EPI_ISL_541982|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-9AB262/2020|2020-08-31|EPI_ISL_551199|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok_269/2020|2020-01-26|EPI_ISL_447915|Vero P2|hCoV-19^^Bangkok|Human|n/a|National Institute of Health. Department of medical Sciences|Okada|Thailand

>Spike|hCoV-19/England/ALDP-A2F748/2020|2020-10-05|EPI_ISL_587155|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/ARA-SC395/2020|2020-04-05|EPI_ISL_645196|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Wales/PHWC-4963C6/2020|2020-11-20|EPI_ISL_726573|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AC8073/2020|2020-10-22|EPI_ISL_629627|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8079/2020|2020-10-26|EPI_ISL_617176|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-HUD-96195073/2020|2020-03-25|EPI_ISL_475720|Original|hCoV-19^^Basque Country|Human|Microbiology|Microbiology|Submitter|Spain

>Spike|hCoV-19/Portugal/PT0132/2020|2020-03-25|EPI_ISL_453848|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Belgium/ULG-11041/2020|2020-11-30|EPI_ISL_722930|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Suriname/SR-61/2020|2020-07-16|EPI_ISL_518810|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00fcnger|Suriname

>Spike|hCoV-19/England/ALDP-B5D731/2020|2020-11-09|EPI_ISL_704957|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/India/DL-IGIB11304567/2020|2020-07-00|EPI_ISL_751241|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/England/QEUH-C4BBDF/2020|2020-12-14|EPI_ISL_769802|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BC8A0/2020|2020-11-30|EPI_ISL_764287|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-403/2020|2020-03-31|EPI_ISL_738305|Original|hCoV-19^^Connecticut|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/USA/NY-Wadsworth-242678-01/2020|2020-10-11|EPI_ISL_734336|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Germany/NW-RKI-NP-0010/2020|2020-11-23|EPI_ISL_763026|Original|hCoV-19^^North Rhine-Westphalia|Human|Unit 17|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|Germany

>Spike|hCoV-19/USA/NC-QDX-174/2020|2020-04-27|EPI_ISL_494526|Original|hCoV-19^^North Carolina|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-ACE471/2020|2020-10-21|EPI_ISL_629271|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A4B227/2020|2020-10-08|EPI_ISL_638936|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/BRIS-1234DD/2020|2020-04-06|EPI_ISL_442759|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3597/2020|2020-06-24|EPI_ISL_636103|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Belgium/ULG-10815/2020|2020-11-17|EPI_ISL_661213|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-337A5/2020|2020-04-17|EPI_ISL_446748|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-AD0430/2020|2020-10-25|EPI_ISL_629774|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B2C425/2020|2020-11-02|EPI_ISL_665707|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-1074B1/2020|2020-03-30|EPI_ISL_585157|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/QEUEH-B4092C/2020|2020-11-08|EPI_ISL_657065|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004478/2020|2020-03-25|EPI_ISL_583940|Original|hCoV-19^^Comunitat_Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MA-Yale-440/2020|2020-04-11|EPI_ISL_738256|Original|hCoV-19^^Massachusetts|Human|Connecticut Veterans' Affairs Hospital|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/20169001704/2020|2020-04-17|EPI_ISL_465167|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LOND-1250CDB/2020|2020-11-07|EPI_ISL_665808|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14254/2020|2020-11-30|EPI_ISL_711657|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-AD375/2020|2020-00-00|EPI_ISL_448577|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5298/2020|2020-09-14|EPI_ISL_615229|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A93E95/2020|2020-10-19|EPI_ISL_611238|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0276/2020|2020-03-14|EPI_ISL_693354|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/England/QEUEH-943615/2020|2020-07-30|EPI_ISL_532618|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A0AB47/2020|2020-09-30|EPI_ISL_599375|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A52463/2020|2020-10-07|EPI_ISL_598029|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-287419-01/2020|2020-12-15|EPI_ISL_767461|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/NOTT-113045/2020|2020-09-09|EPI_ISL_534758|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-941608/2020|2020-07-23|EPI_ISL_556861|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4064/2020|2020-06-18|EPI_ISL_543337|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-2958F7/2020|2020-04-02|EPI_ISL_478641|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2811/2020|2020-08-01|EPI_ISL_526745|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-DSHS-0755/2020|2020-05-14|EPI_ISL_584156|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Russia/OMS-ORINFI-7139S/2020|2020-05-14|EPI_ISL_639937|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/WA-S2250/2020|2020-06-09|EPI_ISL_497678|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Scotland/QEUH-B132DC/2020|2020-11-03|EPI_ISL_649613|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12804/2020|2020-08-19|EPI_ISL_790536|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6D580/2020|2020-10-14|EPI_ISL_607169|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20129163604/2020|2020-03-21|EPI_ISL_424126|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163EA6/2020|2020-05-06|EPI_ISL_474097|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00234333/2020|2020-03-23|EPI_ISL_536051|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Hull|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/CO-CDPHE-2011020168/2020|2020-11-01|EPI_ISL_771235|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Wales/MILK-BB17E0/2020|2020-11-18|EPI_ISL_767239|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68725/2020|2020-10-12|EPI_ISL_630579|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A8668E/2020|2020-10-17|EPI_ISL_605950|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C3FC26/2020|2020-12-10|EPI_ISL_719517|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1597/2020|2020-05-11|EPI_ISL_530193|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/WI-GMF-21045/2020|2020-09-18|EPI_ISL_660827|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Singapore/31/2020|2020-03-10|EPI_ISL_420108|Original|hCoV-19^^Singapore|Human|National Centre for Infectious Diseases|Programme in Emerging Infectious Diseases|Smith|Singapore

>Spike|hCoV-19/Denmark/DCGC-7763/2020|2020-10-19|EPI_ISL_618721|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8137/2020|2020-08-00|EPI_ISL_687236|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A004FB/2020|2020-10-02|EPI_ISL_584883|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5523/2020|2020-06-29|EPI_ISL_544843|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0349/2020|2020-12-19|EPI_ISL_733543|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Singapore/146nan/2020|2020-03-16|EPI_ISL_648075|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-950035/2020|2020-06-15|EPI_ISL_555304|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9E8CB6/2020|2020-09-24|EPI_ISL_584169|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Wales/MILK-9EFA4C/2020|2020-09-23|EPI_ISL_594972|Original|hCoV-19^^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012885604/2020|2020-08-08|EPI_ISL_745775|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/EXET-13E2B7/2020|2020-12-05|EPI_ISL_724316|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16125/2020|2020-11-16|EPI_ISL_714598|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1081/2020|2020-10-06|EPI_ISL_596471|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/VA-DCLS-1114/2020|2020-06-15|EPI_ISL_529916|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-BB5227/2020|2020-11-21|EPI_ISL_701799|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C6A3/2020|2020-04-04|EPI_ISL_441636|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/EXET-1384C6/2020|2020-09-13|EPI_ISL_611702|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-BBB3B5/2020|2020-11-21|EPI_ISL_702529|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1117/2020|2020-10-26|EPI_ISL_626628|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-9CEB6E/2020|2020-09-17|EPI_ISL_590034|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC9403/2020|2020-08-19|EPI_ISL_565537|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A5214E/2020|2020-10-07|EPI_ISL_598016|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-20453/2020|2020-09-15|EPI_ISL_660795|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Wales/PHWC-247B6/2020|2020-03-19|EPI_ISL_419445|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR5214/2020|2020-10-20|EPI_ISL_627391|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/CAMB-1B24E2/2020|2020-05-18|EPI_ISL_456686|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/AZ-TG547301/2020|2020-07-01|EPI_ISL_695473|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-48A8F3/2020|2020-11-03|EPI_ISL_652612|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/CVR5257/2020|2020-10-13|EPI_ISL_626927|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0760/2020|2020-03-04|EPI_ISL_568957|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Mexico/CMX-INDRE_12/2020|2020-03-12|EPI_ISL_455436|Original|hCoV-19^^Mexico City|Human|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Instituto de Diagnostico y Referencia Epidemiologicos (INDRE)|Mendieta|Mexico

>Spike|hCoV-19/Switzerland/SH-ETHZ-370462/2020|2020-11-16|EPI_ISL_693961|Original|hCoV-19^^Schaffhausen|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-9B1B13/2020|2020-09-04|EPI_ISL_566467|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-QDX-1489/2020|2020-03-16|EPI_ISL_603810|Original|hCoV-19^^Connecticut|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/MILK-C3033F/2020|2020-12-07|EPI_ISL_783010|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48F472/2020|2020-11-10|EPI_ISL_681096|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/North Macedonia/9359/2020|2020-08-05|EPI_ISL_677725|Original|hCoV-19^^Ohrid|Human|General Hospital - Ohrid|Research Center for Genetic Engineering and Biotechnology \u201d|Georgi D. Efremov|Dimovski|North Macedonia

>Spike|hCoV-19/England/PORT-2F50EE/2020|2020-00-00|EPI_ISL_706884|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0800/2020|2020-05-19|EPI_ISL_698940|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/CA-CHLA-PLM35584098/2020|2020-11-19|EPI_ISL_753392|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/USA/CA-LACPHL-AF00058/2020|2020-12-18|EPI_ISL_754133|Original|hCoV-19^^California|Human|USC Clinical Lab|Los Angeles County PHL|Hemarajata|USA

>Spike|hCoV-19/England/201060007/2020|2020-03-04|EPI_ISL_464357|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Brazil/RJ-00330/2020|2020-04-30|EPI_ISL_623133|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/MD-HP00114/2020|2020-03-24|EPI_ISL_457769|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Ramakrishnan|USA

>Spike|hCoV-19/England/ALDP-95CA59/2020|2020-06-15|EPI_ISL_553612|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-282305-01/2020|2020-12-02|EPI_ISL_754436|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Australia/VIC14117/2020|2020-08-17|EPI_ISL_563976|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Suriname/SR-32/2020|2020-06-25|EPI_ISL_517643|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/USA/HI-H200541/2020|2020-11-05|EPI_ISL_753072|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Ireland/LH-NVRL-20ILR08007/2020|2020-11-10|EPI_ISL_732411|Original|hCoV-19^^Louth|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Scotland/CVR5753/2020|2020-11-06|EPI_ISL_703829|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC9927/2020|2020-08-26|EPI_ISL_565784|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CO-CDPHE-2009170023/2020|2020-09-16|EPI_ISL_710282|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/WI-UW-964/2020|2020-06-04|EPI_ISL_509962|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Northern Ireland/NIRE-FCF82/2020|2020-04-26|EPI_ISL_489162|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0837D/2020|2020-10-29|EPI_ISL_643903|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9FF232/2020|2020-10-02|EPI_ISL_600219|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-048/2020|2020-03-25|EPI_ISL_419516|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Denmark/DCGC-6690/2020|2020-10-12|EPI_ISL_619593|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC5941/2020|2020-07-18|EPI_ISL_518720|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-AAAD9E/2020|2020-10-21|EPI_ISL_652741|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-003697/2020|2020-04-02|EPI_ISL_467207|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/204960184/2020|2020-12-02|EPI_ISL_747497|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/USA/HI-H200133/2020|2020-07-09|EPI_ISL_752696|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/Belgium/ULG-10485/2020|2020-09-23|EPI_ISL_581592|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-13551/2020|2020-08-21|EPI_ISL_788669|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW70/2020|2020-03-10|EPI_ISL_415598|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUH-C346AB/2020|2020-12-11|EPI_ISL_734054|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM-0486/2020|2020-04-23|EPI_ISL_626426|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/England/EXET-135A8B/2020|2020-04-04|EPI_ISL_457131|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3308/2020|2020-07-17|EPI_ISL_548329|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC7519/2020|2020-00-00|EPI_ISL_564465|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-8994/2020|2020-10-26|EPI_ISL_625696|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/OXON-B2753/2020|2020-04-13|EPI_ISL_479174|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Norway/4336/2020|2020-10-12|EPI_ISL_635182|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/WY-WPHL-20063117/2020|2020-08-17|EPI_ISL_769880|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/England/20149052404/2020|2020-04-04|EPI_ISL_466206|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0416/2020|2020-11-04|EPI_ISL_666786|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Thailand/Bangkok-0054/2020|2020-03-28|EPI_ISL_446996|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Denmark/DCGC-8139/2020|2020-10-26|EPI_ISL_617214|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18914/2020|2020-11-26|EPI_ISL_785218|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-AE52C5/2020|2020-10-27|EPI_ISL_633184|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5C46/2020|2020-09-10|EPI_ISL_567821|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-166/2020|2020-03-17|EPI_ISL_428262|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/England/CAMC-C6FE54/2020|2020-12-15|EPI_ISL_769091|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A656A3/2020|2020-10-10|EPI_ISL_608598|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-29758/2020|2020-09-28|EPI_ISL_717780|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/QEUEH-9FB0A5/2020|2020-09-29|EPI_ISL_588212|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-956EDB/2020|2020-06-08|EPI_ISL_554310|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B6363B/2020|2020-11-09|EPI_ISL_656616|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/471/2020|2020-03-15|EPI_ISL_476806|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine\nTan Tock Seng Hospital|Department of Laboratory Medicine\nTan Tock Seng Hospital|Chen|Singapore

>Spike|hCoV-19/France/ARA-SC397/2020|2020-04-07|EPI_ISL_641546|Original|hCoV-19^^Auvergne-Rhone-Alpes|Human|CHU Clermont-Ferrand|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/EDB8092/2020|2020-10-02|EPI_ISL_585478|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Scotland/CVR2937/2020|2020-04-22|EPI_ISL_438999|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10620/2020|2020-11-02|EPI_ISL_670094|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/IC-0405/2020|2020-12-00|EPI_ISL_736914|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Canada/BC_19803546/2020|2020-04-00|EPI_ISL_469223|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Scotland/CVR2531/2020|2020-04-15|EPI_ISL_438924|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1860/2020|2020-05-19|EPI_ISL_512210|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-49B376/2020|2020-11-11|EPI_ISL_742324|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B668C9/2020|2020-11-11|EPI_ISL_662531|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC14377/2020|2020-09-19|EPI_ISL_592475|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CO-QDX-2195/2020|2020-03-16|EPI_ISL_604516|Original|hCoV-19^^Colorado|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/MI-MDHHS-SC21785/2020|2020-08-14|EPI_ISL_529903|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/MILK-9EF9F4/2020|2020-09-23|EPI_ISL_594967|Original|hCoV-19^^Wales|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-B3BB1F/2020|2020-11-02|EPI_ISL_706095|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-410317/2020|2020-12-16|EPI_ISL_737547|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MA-MASPHL-00658/2020|2020-05-18|EPI_ISL_692975|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/USA/CO-CSU-D1068/2020|2020-04-02|EPI_ISL_527433|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/Belgium/reg-0408689/2020|2020-04-08|EPI_ISL_734544|Original|hCoV-19^^Koekeberg|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Wales/PHWC-49AF82/2020|2020-12-05|EPI_ISL_742277|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A51895/2020|2020-10-07|EPI_ISL_597964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C41298/2020|2020-12-10|EPI_ISL_719154|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9F789/2020|2020-04-21|EPI_ISL_472013|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-005569/2020|2020-03-26|EPI_ISL_508679|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/MILK-A6ABFA/2020|2020-10-09|EPI_ISL_608796|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZuidHolland_180/2020|2020-04-22|EPI_ISL_461352|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-B39513/2020|2020-11-02|EPI_ISL_658928|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-C98AC7/2020|2020-12-17|EPI_ISL_777454|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B5115D/2020|2020-11-08|EPI_ISL_657744|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-CCDD2A/2020|2020-12-24|EPI_ISL_782452|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Colombia/DC-INS-3569/2020|2020-06-30|EPI_ISL_653755|Original|hCoV-19^^Bogota|Human|Instituto Nacional de Salud|Instituto Nacional de Salud|Franco-Mu\u00f1oz|Colombia

>Spike|hCoV-19/Chile/RM-191993/2020|2020-09-28|EPI_ISL_746483|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/USA/VA-DCLS-1285/2020|2020-08-14|EPI_ISL_572299|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/MD-MDH-0274/2020|2020-10-13|EPI_ISL_629055|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/MILK-BB0FAD/2020|2020-11-18|EPI_ISL_720241|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-99010808/2020|2020-10-17|EPI_ISL_691679|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/India/DL-NCDC1613-CSIR-IGIB/2020|2020-05-17|EPI_ISL_482500|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC) |NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/Switzerland/LU-ETHZ-400372/2020|2020-12-09|EPI_ISL_729182|Original|hCoV-19^^Lucerne|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Japan/PG-4580/2020|2020-07-00|EPI_ISL_689717|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-50564/2020|2020-03-30|EPI_ISL_510818|Original|hCoV-19^^Vasternorrland|Human|Klinisk mikrobiologi Vasternorrland|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-3178/2020|2020-06-11|EPI_ISL_544052|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ecuador/USFQ-177/2020|2020-08-12|EPI_ISL_525431|Original|hCoV-19^^Zamora-Chinchipec|Human|Institute of Microbiology|Institute of Microbiology|Cardenas|Ecuador

>Spike|hCoV-19/USA/WI-UW-1399/2020|2020-09-03|EPI_ISL_536770|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-20603/2020|2020-12-21|EPI_ISL_759249|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-4180/2020|2020-06-18|EPI_ISL_543416|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG552537/2020|2020-07-29|EPI_ISL_695535|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/LA-CDC-1284/2020|2020-06-11|EPI_ISL_535325|Vero P1|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/CAMC-B7919B/2020|2020-11-12|EPI_ISL_668014|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-10CC36E/2020|2020-12-17|EPI_ISL_741990|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/ALDP-9E6DB5/2020|2020-09-24|EPI_ISL_580363|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BB2187/2020|2020-11-18|EPI_ISL_720419|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CBF29/2020|2020-09-16|EPI_ISL_575660|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-864/2020|2020-03-17|EPI_ISL_571671|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/NY-Wadsworth-269631-01/2020|2020-11-10|EPI_ISL_734436|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-3016/2020|2020-05-30|EPI_ISL_543936|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1868/2020|2020-03-30|EPI_ISL_622550|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC22172/2020|2020-10-12|EPI_ISL_614223|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Germany/NW-HHU-311/2020|2020-10-05|EPI_ISL_631314|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/WA-S2165/2020|2020-06-08|EPI_ISL_497593|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-C60D38/2020|2020-12-13|EPI_ISL_769508|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F8FE/2020|2020-10-15|EPI_ISL_607282|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-15392/2020|2020-11-23|EPI_ISL_713208|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13705/2020|2020-08-19|EPI_ISL_788801|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC16019/2020|2020-08-02|EPI_ISL_640566|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-ACC25B/2020|2020-10-21|EPI_ISL_629127|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR334/2020|2020-03-21|EPI_ISL_439053|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13448/2020|2020-11-30|EPI_ISL_712451|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-994A28/2020|2020-08-26|EPI_ISL_552429|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494F3D/2020|2020-11-25|EPI_ISL_726273|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6383/2020|2020-09-28|EPI_ISL_622308|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BL-UHB-42202243/2020|2020-03-22|EPI_ISL_528329|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/England/ALDP-661B51/2020|2020-07-03|EPI_ISL_555688|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A6488/2020|2020-03-18|EPI_ISL_499711|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1970/2020|2020-06-06|EPI_ISL_766736|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC9318/2020|2020-08-18|EPI_ISL_565503|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/AG-ETHZ-331076/2020|2020-10-20|EPI_ISL_614894|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/North Macedonia/ChVir7918/2020|2020-06-25|EPI_ISL_492086|Original|hCoV-19^^North Macedonia|Human|Institute for Public Health of the Republic of North Macedonia|Charite Universitatsmedizin Berlin|Muehlemann|North Macedonia

>Spike|hCoV-19/Australia/VIC4537/2020|2020-07-16|EPI_ISL_518948|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-5C9F5C/2020|2020-06-19|EPI_ISL_558607|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20135/2020|2020-03-26|EPI_ISL_436867|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/CA-LACPHL-AE00041/2020|2020-07-17|EPI_ISL_708733|Original|hCoV-19^^California|Human|Los Angeles County Public Health Laboratory|Los Angeles County Public Health Laboratory|Hemarajata|USA

>Spike|hCoV-19/South Africa/KRISP-EB00584394/2020|2020-11-25|EPI_ISL_736988|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-19135/2020|2020-12-07|EPI_ISL_748773|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S881/2020|2020-04-23|EPI_ISL_463371|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Hong Kong/HKU-200823-001/2020|2020-03-26|EPI_ISL_516798|Original|hCoV-19^^Hong Kong|Human|Department of Microbiology|Department of Microbiology|Chan|China

>Spike|hCoV-19/England/QEUH-C317D8/2020|2020-12-11|EPI_ISL_730875|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49779C/2020|2020-11-22|EPI_ISL_726879|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22446/2020|2020-12-14|EPI_ISL_757401|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-12536/2020|2020-11-16|EPI_ISL_682717|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-UW-987/2020|2020-07-16|EPI_ISL_509805|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research

Laboratories|University of Wisconsin-Madison AIDS Vaccine Research
Laboratories|Baczenas|USA
>Spike|hCoV-19/India/MH-ACTREC-570/2020|2020-08-31|EPI_ISL_700214|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India
>Spike|hCoV-19/England/CAMB-81025/2020|2020-04-20|EPI_ISL_438557|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom
>Spike|hCoV-19/USA/CA-ALSR-4141/2020|2020-06-27|EPI_ISL_648845|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/Wales/PHWC-49A67E/2020|2020-12-02|EPI_ISL_727579|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom
>Spike|hCoV-19/USA/CA-SR0237/2020|2020-04-26|EPI_ISL_437567|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA
>Spike|hCoV-19/England/QEUEH-9FA871/2020|2020-09-28|EPI_ISL_588080|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NSW918/2020|2020-09-02|EPI_ISL_544999|Original|hCoV-19^^New South Wales|Human|St Vincent's Pathology (SydPath)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia
>Spike|hCoV-19/England/MILK-ACCD4B/2020|2020-10-21|EPI_ISL_630246|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/ALDP-B840EB/2020|2020-11-14|EPI_ISL_674217|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/Germany/HH-hpi-p1968/2020|2020-03-25|EPI_ISL_776291|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany
>Spike|hCoV-19/England/QEUEH-BA1FFA/2020|2020-11-18|EPI_ISL_719822|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/England/CAMC-B98D29/2020|2020-11-15|EPI_ISL_673653|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WA-S1798/2020|2020-06-02|EPI_ISL_496224|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA
>Spike|hCoV-19/Denmark/DCGC-2962/2020|2020-08-24|EPI_ISL_616724|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark
>Spike|hCoV-19/England/MILK-9E0331/2020|2020-09-20|EPI_ISL_601474|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/WI-UW-1588/2020|2020-09-18|EPI_ISL_605465|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/Portugal/PT1907/2020|2020-11-11|EPI_ISL_732120|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal
>Spike|hCoV-19/England/QEUEH-9C9CD9/2020|2020-09-10|EPI_ISL_567359|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-HH65/2020|2020-03-17|EPI_ISL_429311|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/VA-DCLS-0887/2020|2020-04-30|EPI_ISL_516676|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Wales/PHWC-252B4/2020|2020-03-23|EPI_ISL_420985|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3021/2020|2020-08-24|EPI_ISL_616799|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-1852/2020|2020-05-00|EPI_ISL_685458|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-AFC5A/2020|2020-04-16|EPI_ISL_478816|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/NSW2152/2020|2020-03-15|EPI_ISL_509504|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Yeang|Australia

>Spike|hCoV-19/Japan/IC-0116/2020|2020-07-00|EPI_ISL_591457|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/ZH-EMC-953/2020|2020-10-29|EPI_ISL_722569|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Northern Ireland/NIRE-106F57/2020|2020-05-30|EPI_ISL_501023|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jiangsu/JS02/2020|2020-01-24|EPI_ISL_411952|P3|hCoV-19^^Jiangsu|Human|NHC Key laboratory of Enteric Pathogenic Microbiology|Jiangsu Provincial Center for Disease Control & Prevention|Cui|China

>Spike|hCoV-19/England/QEUEH-C4BBB1/2020|2020-12-14|EPI_ISL_736489|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13D9FF/2020|2020-00-00|EPI_ISL_724271|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMB-7D059/2020|2020-04-05|EPI_ISL_442059|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-18328/2020|2020-12-07|EPI_ISL_749324|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CZB-11188/2020|2020-09-15|EPI_ISL_625542|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/WA-S2336/2020|2020-06-11|EPI_ISL_496968|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/LOND-D6267/2020|2020-04-21|EPI_ISL_482162|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/SP-774/2020|2020-06-20|EPI_ISL_735422|Original|hCoV-19^^S\u00e3o Paulo|Human|UBS Dematchi|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/South Korea/KDCA0059/2020|2020-09-02|EPI_ISL_747300|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/204541010/2020|2020-11-02|EPI_ISL_678667|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Japan/PG-4532/2020|2020-07-00|EPI_ISL_689670|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-NCCS-NR570/2020|2020-05-08|EPI_ISL_496587|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Australia/VIC13670/2020|2020-08-14|EPI_ISL_563804|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-BC45A4/2020|2020-11-25|EPI_ISL_703654|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00216427/2020|2020-03-12|EPI_ISL_535747|Original|hCoV-19^^Quebec|Human|Centre de SSS de Trois-Rivières|Laboratoire de santé publique du Québec|Moreira|Canada

>Spike|hCoV-19/Canada/ON-S1559/2020|2020-09-04|EPI_ISL_755917|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Finland/25SS6H11/2020|2020-09-25|EPI_ISL_759924|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/ALDP-AA4383/2020|2020-10-21|EPI_ISL_624405|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/PL_MCB_67/2020|2020-04-16|EPI_ISL_645066|Original|hCoV-19^^Poland|Human|Human Genome Variation Research Group|Human Genome Variation Research Group||Poland

>Spike|hCoV-19/Denmark/DCGC-19002/2020|2020-12-07|EPI_ISL_748263|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0511/2020|2020-06-21|EPI_ISL_560954|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Wales/PHWC-484FC7/2020|2020-10-19|EPI_ISL_628133|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22351/2020|2020-12-14|EPI_ISL_758697|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-6FD8AE/2020|2020-06-30|EPI_ISL_557491|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-954D1C/2020|2020-06-12|EPI_ISL_553480|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B5C5/2020|2020-04-04|EPI_ISL_440616|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NORT-2943D9/2020|2020-07-31|EPI_ISL_573342|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9517/2020|2020-07-03|EPI_ISL_781160|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1670/2020|2020-07-05|EPI_ISL_594359|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/WA-S817/2020|2020-04-17|EPI_ISL_449987|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC3833/2020|2020-07-13|EPI_ISL_520546|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC10917/2020|2020-09-05|EPI_ISL_563153|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B529CD/2020|2020-11-09|EPI_ISL_657623|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/3LS6E7/2020|2020-10-03|EPI_ISL_756110|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/VIC12999/2020|2020-08-03|EPI_ISL_592144|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-ACDB7D/2020|2020-10-21|EPI_ISL_644067|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0405/2020|2020-05-14|EPI_ISL_489814|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/USA/NY-PV09077/2020|2020-03-20|EPI_ISL_421623|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/India/WB-IK19/2020|2020-04-24|EPI_ISL_508348|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Spain/MD-IBV-99008782/2020|2020-10-20|EPI_ISL_654325|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/MI-MDHHS-SC21639/2020|2020-03-31|EPI_ISL_516366|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-C7DC2/2020|2020-09-19|EPI_ISL_573714|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-3689/2020|2020-04-00|EPI_ISL_691942|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Sweden/20-50129/2020|2020-03-06|EPI_ISL_430861|Original|hCoV-19^^Varmland|Human|Klinisk mikrobiologi Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-ABBCAC/2020|2020-10-21|EPI_ISL_631252|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Poland/77242/2020|2020-11-00|EPI_ISL_732862|Original|hCoV-19^^Poland|Human|genXone SA|genXone SA|Kaszuba|Poland

>Spike|hCoV-19/USA/CA-ALSR-1112-SAN/2020|2020-06-22|EPI_ISL_483535|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-262B3/2020|2020-03-27|EPI_ISL_422196|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-CC2E31/2020|2020-12-21|EPI_ISL_760730|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B5B38A/2020|2020-11-09|EPI_ISL_655399|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16503/2020|2020-11-16|EPI_ISL_714805|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-12648F/2020|2020-04-10|EPI_ISL_458999|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-12512D8/2020|2020-11-11|EPI_ISL_665517|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/Japan/IC-0503/2020|2020-12-00|EPI_ISL_768712|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-B67B38/2020|2020-11-11|EPI_ISL_661506|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-299AA2/2020|2020-04-27|EPI_ISL_492478|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6085/2020|2020-05-11|EPI_ISL_478209|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC16350/2020|2020-08-03|EPI_ISL_640420|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-UW37/2020|2020-03-06|EPI_ISL_416454|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Austria/CeMM0391/2020|2020-03-10|EPI_ISL_475831|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Netherlands/ZH-EMC-928/2020|2020-10-27|EPI_ISL_722324|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/CA-UW-MAY052/2020|2020-04-11|EPI_ISL_500532|Original|hCoV-19^^California|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-19749/2020|2020-12-07|EPI_ISL_747756|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10069/2020|2020-04-03|EPI_ISL_424633|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/CAMC-A58940/2020|2020-10-06|EPI_ISL_596951|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4146/2020|2020-06-27|EPI_ISL_648850|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUEH-B2B383/2020|2020-11-03|EPI_ISL_646680|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-6472/2020|2020-10-00|EPI_ISL_740617|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/India/TG-CCMB-J048/2020|2020-03-31|EPI_ISL_447559|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Wales/PHWC-160726/2020|2020-05-20|EPI_ISL_472970|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-250098/2020|2020-08-19|EPI_ISL_535614|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Singapore/1023/2020|2020-03-24|EPI_ISL_574508|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/MA-MGH-03149/2020|2020-09-08|EPI_ISL_765720|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/USA/HI-H200050/2020|2020-04-20|EPI_ISL_752635|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/ALDP-955FBB/2020|2020-06-08|EPI_ISL_553903|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9AB36F/2020|2020-08-31|EPI_ISL_551105|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11544/2020|2020-09-11|EPI_ISL_789979|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-AC8DE5/2020|2020-10-22|EPI_ISL_629606|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96CEB4/2020|2020-08-21|EPI_ISL_534577|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC4781/2020|2020-00-00|EPI_ISL_519167|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Kenya/C2449/2020|2020-04-24|EPI_ISL_457878|Original|hCoV-19^^Kenya|Human|KEMRI-CGMR-C|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Denmark/DCGC-11844/2020|2020-10-26|EPI_ISL_671170|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUH-9C8B28/2020|2020-09-11|EPI_ISL_567093|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/155/2020|2020-03-15|EPI_ISL_417737|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/NJ-QDX-1216/2020|2020-03-17|EPI_ISL_571975|Original|hCoV-19^^New Jersey|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Belgium/ULG-10950/2020|2020-09-05|EPI_ISL_707729|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wuhan/HB-WH2-160/2020|2020-02-28|EPI_ISL_454928|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/Australia/WA254/2020|2020-08-24|EPI_ISL_594168|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/England/LOND-D58B1/2020|2020-04-17|EPI_ISL_457272|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20754/2020|2020-12-14|EPI_ISL_790816|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Australia/VIC3070/2020|2020-07-09|EPI_ISL_520777|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-2424/2020|2020-05-28|EPI_ISL_545305|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-S1727/2020|2020-06-01|EPI_ISL_496153|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-366C3/2020|2020-04-30|EPI_ISL_474700|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11546/2020|2020-07-24|EPI_ISL_625568|Original|hCoV-19^^California|Human|NaN|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Finland/5May84S2/2020|2020-05-05|EPI_ISL_481706|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/WI-GMF-05642/2020|2020-06-08|EPI_ISL_471148|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/USA/NY-NYCPHL-001146/2020|2020-10-25|EPI_ISL_671728|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Germany/BY-MVP-0118/2020|2020-03-20|EPI_ISL_451938|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Denmark/DCGC-2530/2020|2020-08-17|EPI_ISL_617800|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B83D6D/2020|2020-11-14|EPI_ISL_674465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1683/2020|2020-03-09|EPI_ISL_622429|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/KRISP-K001318/2020|2020-07-18|EPI_ISL_515803|Original|hCoV-19^^KwaZulu-Natal|Human|Medical Disagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/WI-UW-61/2020|2020-03-23|EPI_ISL_421319|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Canada/BC_64686/2020|2020-03-05|EPI_ISL_415586|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/OXON-B4038/2020|2020-03-23|EPI_ISL_534925|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CWAR-24FDA77/2020|2020-04-30|EPI_ISL_584472|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-100814/2020|2020-03-26|EPI_ISL_451764|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC5729/2020|2020-07-18|EPI_ISL_518530|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-6937/2020|2020-10-12|EPI_ISL_619783|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/NSW1107/2020|2020-08-11|EPI_ISL_593722|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology

- Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Japan/PG-3102/2020|2020-04-00|EPI_ISL_691224|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-295C37/2020|2020-04-04|EPI_ISL_478660|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4037/2020|2020-06-16|EPI_ISL_543316|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B48DEC/2020|2020-11-07|EPI_ISL_649337|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-49BE84/2020|2020-06-11|EPI_ISL_559329|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9256/2020|2020-11-04|EPI_ISL_652054|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/WI-UW-267/2020|2020-04-08|EPI_ISL_434613|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Denmark/DCGC-5451/2020|2020-09-21|EPI_ISL_620776|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-96C1AC/2020|2020-08-13|EPI_ISL_530867|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8042/2020|2020-10-24|EPI_ISL_638040|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16909/2020|2020-12-14|EPI_ISL_750637|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-A8B856/2020|2020-10-17|EPI_ISL_643119|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LAZ-INMI-52/2020|2020-06-04|EPI_ISL_603159|Original|hCoV-19^^Lazio|Human|INMI Lazzaro Spallanzani IRCCS|INMI Lazzaro Spallanzani IRCCS|Gruber|Italy

>Spike|hCoV-19/Denmark/DCGC-21688/2020|2020-12-21|EPI_ISL_758310|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS0423098/2020|2020-08-10|EPI_ISL_739773|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC3866/2020|2020-07-13|EPI_ISL_520579|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-4135/2020|2020-07-00|EPI_ISL_692374|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC92/2020|2020-03-15|EPI_ISL_419809|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/PA-MGEL-00207/2020|2020-04-15|EPI_ISL_681962|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Japan/PG-2368/2020|2020-05-00|EPI_ISL_685973|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-NIV-65819/2020|2020-06-16|EPI_ISL_479661|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/MILK-9C23BD/2020|2020-09-09|EPI_ISL_566479|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-SCCPHD-UC133/2020|2020-03-07|EPI_ISL_435612|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/Thailand/Bangkok-CONI-0333/2020|2020-12-08|EPI_ISL_728563|Original|hCoV-19^^Bangkok|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Denmark/DCGC-19670/2020|2020-12-07|EPI_ISL_749100|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB3790/2020|2020-04-29|EPI_ISL_439324|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/MILK-9A89BB/2020|2020-09-01|EPI_ISL_560081|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9F02B9/2020|2020-09-25|EPI_ISL_580831|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47DE2E/2020|2020-10-10|EPI_ISL_595367|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-C3044B/2020|2020-12-07|EPI_ISL_782958|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-14918/2020|2020-10-05|EPI_ISL_708816|Vero P1|hCoV-19^^Bangkok|Human|Urban Institute for Disease Prevention and Control|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/Germany/NW-HHU-476/2020|2020-12-11|EPI_ISL_770710|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/England/QEUEH-AD15B4/2020|2020-10-24|EPI_ISL_633865|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF69E/2020|2020-10-23|EPI_ISL_631063|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB9442/2020|2020-10-30|EPI_ISL_680531|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7530/2020|2020-10-12|EPI_ISL_618462|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-19238/2020|2020-11-28|EPI_ISL_783710|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B9F751/2020|2020-11-18|EPI_ISL_721103|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-17526/2020|2020-08-28|EPI_ISL_547744|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUA-AE2899/2020|2020-10-27|EPI_ISL_633571|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-296DF7/2020|2020-04-28|EPI_ISL_488168|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA74A/2020|2020-09-24|EPI_ISL_580020|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-H12-34/2020|2020-03-12|EPI_ISL_428697|Original|hCoV-19^^Madrid|Human|Hospital Universitario 12 de Octubre|Hospital Universitario 12 de Octubre|Viedma|Spain

>Spike|hCoV-19/England/QEUA-A5E142/2020|2020-10-12|EPI_ISL_597370|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28D43A/2020|2020-11-17|EPI_ISL_702823|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-C39512/2020|2020-12-09|EPI_ISL_731312|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_21466919/2020|2020-03-00|EPI_ISL_462816|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Singapore/892/2020|2020-09-04|EPI_ISL_536433|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-BB370C/2020|2020-11-19|EPI_ISL_703175|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A314D3/2020|2020-10-05|EPI_ISL_595896|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-79178/2020|2020-04-03|EPI_ISL_441136|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Ireland/D-NVRL-20Z06394/2020|2020-04-17|EPI_ISL_681899|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/MILK-ACC4A0/2020|2020-10-21|EPI_ISL_634430|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/UNIMAS-B072/2020|2020-11-06|EPI_ISL_718216|Original|hCoV-19^^Sarawak|Human|Borneo Medical Centre|Institute of Health and Community Medicine|Jonathan|Malaysia

>Spike|hCoV-19/USA/FL-BPHL-1937/2020|2020-04-08|EPI_ISL_613804|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/mink/Netherlands/NB-EMC-41-5/2020|2020-08-27|EPI_ISL_577792|Original|hCoV-19^^Limburg|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/CVR4345/2020|2020-09-10|EPI_ISL_573783|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MA-JLL-796350S/2020|2020-05-05|EPI_ISL_648270|Original|hCoV-19^^Massachusetts|Human|Brigham and Women's Hospital|Jonathan Li laboratory|Choudhary|USA

>Spike|hCoV-19/Ecuador/36230/2020|2020-05-08|EPI_ISL_491950|Original|hCoV-19^^Los Rios|Human|Instituto Nacional de Investigaci\u00f3n en Salud P\u00fablica - INSPI|INSPI - Charit\u00e9|Bruno Caicedo|Ecuador

>Spike|hCoV-19/Canada/ON-S1012/2020|2020-04-16|EPI_ISL_586280|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Australia/VIC4096/2020|2020-07-14|EPI_ISL_519477|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-08418/2020|2020-05-20|EPI_ISL_524196|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NE-11437/2020|2020-05-04|EPI_ISL_475211|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Belgium/reg-0417515/2020|2020-04-17|EPI_ISL_734607|Original|hCoV-19^^Lubbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/LIVE-9E1D7/2020|2020-04-03|EPI_ISL_453276|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47D574/2020|2020-10-07|EPI_ISL_586160|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LOND-D4490/2020|2020-04-08|EPI_ISL_444126|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008528/2020|2020-09-10|EPI_ISL_654052|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-CB6814/2020|2020-12-17|EPI_ISL_761814|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6E97E4/2020|2020-06-30|EPI_ISL_557608|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9DDB8A/2020|2020-09-21|EPI_ISL_599717|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Peru/LIM-UPCH-0169/2020|2020-10-12|EPI_ISL_729876|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Brazil/RJ-00335/2020|2020-03-30|EPI_ISL_623138|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Denmark/DCGC-11838/2020|2020-10-26|EPI_ISL_671165|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC10373/2020|2020-08-28|EPI_ISL_562892|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC16388/2020|2020-08-09|EPI_ISL_640604|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0556/2020|2020-05-19|EPI_ISL_698717|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUEH-549604/2020|2020-05-13|EPI_ISL_533395|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-307B7/2020|2020-04-08|EPI_ISL_446279|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B5C3C5/2020|2020-11-10|EPI_ISL_655857|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7A74D/2020|2020-11-12|EPI_ISL_741137|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Sweden/20-08110/2020|2020-03-09|EPI_ISL_454481|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Canada/QC-LSPQ-L00227476/2020|2020-03-18|EPI_ISL_535862|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-ABC32E/2020|2020-10-22|EPI_ISL_631076|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-C8857/2020|2020-05-04|EPI_ISL_457631|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4281/2020|2020-09-07|EPI_ISL_615718|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AK-PHL588/2020|2020-06-23|EPI_ISL_512153|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/USA/TX-HMH-2323/2020|2020-05-29|EPI_ISL_545243|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-489223/2020|2020-11-01|EPI_ISL_639551|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-EA224/2020|2020-05-12|EPI_ISL_457334|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-DC6A65/2020|2020-11-23|EPI_ISL_705286|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7929/2020|2020-10-26|EPI_ISL_618898|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2E907/2020|2020-10-05|EPI_ISL_586964|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-880E33/2020|2020-07-22|EPI_ISL_532691|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410304/2020|2020-12-15|EPI_ISL_737559|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/WA-S1589/2020|2020-05-26|EPI_ISL_496015|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Wales/PHWC-4A4152/2020|2020-12-15|EPI_ISL_764658|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-4A3D7D/2020|2020-06-03|EPI_ISL_559639|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134002104/2020|2020-03-18|EPI_ISL_423053|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-234DA0/2020|2020-10-19|EPI_ISL_763719|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E908/2020|2020-12-08|EPI_ISL_743066|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-163/2020|2020-06-04|EPI_ISL_699819|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Denmark/DCGC-16267/2020|2020-11-16|EPI_ISL_714673|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-20067/2020|2020-12-07|EPI_ISL_747572|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-C068E8/2020|2020-12-05|EPI_ISL_710662|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-13061/2020|2020-05-17|EPI_ISL_672331|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/NORT-1B71B0B/2020|2020-11-19|EPI_ISL_702495|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/NY-PV09334/2020|2020-03-18|EPI_ISL_450022|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/CA-CZB-11166/2020|2020-09-15|EPI_ISL_625524|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Wales/CAMC-AAF537/2020|2020-10-22|EPI_ISL_634789|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A6EBE/2020|2020-09-02|EPI_ISL_550148|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/11093/2020|2020-05-24|EPI_ISL_527527|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/Australia/WA127/2020|2020-04-10|EPI_ISL_596690|Original|hCoV-19^^Western Australia|Human|PathWest Laboratory Medicine WA|PathWest Laboratory Medicine WA Microbial Surveillance Unit|Sikazwe|Australia

>Spike|hCoV-19/USA/UT-UPHL-201103251/2020|2020-10-08|EPI_ISL_628944|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15870/2020|2020-07-10|EPI_ISL_785554|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR4125/2020|2020-09-07|EPI_ISL_573767|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/204200087/2020|2020-10-10|EPI_ISL_609862|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMB-81BCA/2020|2020-04-12|EPI_ISL_443083|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-A2F9F7/2020|2020-10-05|EPI_ISL_587138|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6F71F/2020|2020-10-14|EPI_ISL_607057|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9D0CA2/2020|2020-09-16|EPI_ISL_601840|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1589/2020|2020-05-21|EPI_ISL_594279|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Cyprus/001/2020|2020-03-11|EPI_ISL_463741|Original|hCoV-19^^Cyprus|Human|Department of Molecular Virology|Department of Molecular Virology|Richter|Cyprus

>Spike|hCoV-19/USA/NY-NYCPHL-000273/2020|2020-03-18|EPI_ISL_631799|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/MILK-C52A05/2020|2020-12-11|EPI_ISL_736452|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-9EC65A/2020|2020-09-24|EPI_ISL_580621|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-163FFE/2020|2020-05-08|EPI_ISL_474114|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1256/2020|2020-12-04|EPI_ISL_778922|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15275/2020|2020-10-19|EPI_ISL_786759|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2009731/2020|2020-07-27|EPI_ISL_605403|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Switzerland/VD-ETHZ-260016/2020|2020-08-21|EPI_ISL_539351|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Portugal/PT1936/2020|2020-11-15|EPI_ISL_732146|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-94CF99/2020|2020-06-14|EPI_ISL_556008|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A9A74/2020|2020-03-24|EPI_ISL_517314|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-BCA6C9/2020|2020-11-23|EPI_ISL_703271|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4529/2020|2020-09-22|EPI_ISL_585389|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/NM-UNM-00320/2020|2020-04-20|EPI_ISL_508066|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory Division|Center for Global Health|Domman|USA

>Spike|hCoV-19/USA/WI-WSLH-200723/2020|2020-10-03|EPI_ISL_631479|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/CT-CDC-2-3714070/2020|2020-11-24|EPI_ISL_751729|Original|hCoV-19^^Connecticut|Human|CT-Dr. Katherine A. Kelley State Public Health Lab|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Ireland/TA-UHL36/2020|2020-04-10|EPI_ISL_681772|Original|hCoV-19^^Tipperary|Human|University Hospital Limerick|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/India/DL-NCDC2192-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482547|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/Singapore/735/2020|2020-04-16|EPI_ISL_500541|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/Austria/CeMM0919/2020|2020-03-16|EPI_ISL_583771|Original|hCoV-19^^Austria|Human|Dr. Gernot Walder GmbH|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Vietnam/38142/2020|2020-01-24|EPI_ISL_416427|Vero|hCoV-19^^Thanhhoa|Human|National Influenza Center|National Influenza Center|Ung|Vietnam

>Spike|hCoV-19/USA/MD-MDH-0486/2020|2020-11-30|EPI_ISL_778871|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/South Africa/L00161/2020|2020-07-26|EPI_ISL_622964|Original|hCoV-19^^Gauteng|Human|Lancet Laboratories|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/MI-MDHHS-SC21298/2020|2020-04-06|EPI_ISL_507553|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/SHEF-C1C25/2020|2020-05-02|EPI_ISL_457588|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p1563/2020|2020-03-15|EPI_ISL_776044|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/England/MILK-BB1373/2020|2020-11-17|EPI_ISL_720008|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-AAF3B5/2020|2020-10-22|EPI_ISL_653019|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC13602/2020|2020-08-14|EPI_ISL_563778|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/GCVR-173A54/2020|2020-04-07|EPI_ISL_459152|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A3F5E1/2020|2020-10-06|EPI_ISL_609683|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1E08C1/2020|2020-10-10|EPI_ISL_611750|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K005324/2020|2020-11-16|EPI_ISL_678614|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/LOND-1264797/2020|2020-11-16|EPI_ISL_679548|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4322/2020|2020-10-13|EPI_ISL_648970|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Sweden/20-14087/2020|2020-04-27|EPI_ISL_450826|Original|hCoV-19^^Uppsala|Human|Uppsala Narakut Aleris|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Thailand/Bangkok-CONI-0313/2020|2020-03-17|EPI_ISL_693384|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/USA/TX-HMH-5489/2020|2020-06-24|EPI_ISL_544811|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-0370/2020|2020-03-25|EPI_ISL_480040|Original|hCoV-19^^Kanto|Human|Tochigi Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-80C8C/2020|2020-04-10|EPI_ISL_442886|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/204290227/2020|2020-10-16|EPI_ISL_613601|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/EDB5735/2020|2020-04-08|EPI_ISL_473851|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-9F0AEE/2020|2020-09-24|EPI_ISL_589751|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2009/2020|2020-03-21|EPI_ISL_776319|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Scotland/CVR3123/2020|2020-04-26|EPI_ISL_439035|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Russia/PRI-RII-MH770S/2020|2020-08-11|EPI_ISL_733014|Original|hCoV-19^^Primorsky|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/France/NAQ-SC223/2020|2020-04-27|EPI_ISL_649971|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUEH-9BACEA/2020|2020-09-07|EPI_ISL_573634|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0952/2020|2020-07-16|EPI_ISL_602249|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Switzerland/GE-SNRCI-8452/2020|2020-03-00|EPI_ISL_548228|Original|hCoV-19^^Geneve|Human|Laboratoire de Virologie|Swiss National Reference Centre for Influenza|Gon\u00e7alves Cabecinhas|Switzerland

>Spike|hCoV-19/England/QEUEH-962A8D/2020|2020-08-10|EPI_ISL_531798|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4912CE/2020|2020-11-07|EPI_ISL_706637|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1021/2020|2020-03-00|EPI_ISL_684631|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-C404A2/2020|2020-12-10|EPI_ISL_718619|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204841766/2020|2020-00-00|EPI_ISL_671332|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Australia/NSW657/2020|2020-07-19|EPI_ISL_498776|Original|hCoV-19^^New South Wales|Human|Pathology West - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-828/2020|2020-04-20|EPI_ISL_614740|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/Krasnodar-80902/2020|2020-03-23|EPI_ISL_428892|Vero|hCoV-19^^Krasnodar|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/England/203660642/2020|2020-09-02|EPI_ISL_566076|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC3114/2020|2020-07-06|EPI_ISL_520821|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-03843/2020|2020-04-01|EPI_ISL_560861|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/AZ-TG480074/2020|2020-07-08|EPI_ISL_695062|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Northern Ireland/QEUI-962346/2020|2020-08-10|EPI_ISL_531663|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1160/2020|2020-12-10|EPI_ISL_768429|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Scotland/QEUI-9AE214/2020|2020-09-04|EPI_ISL_637671|Original|hCoV-19^^Scotland|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-30E3A/2020|2020-04-09|EPI_ISL_446366|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-6887/2020|2020-00-00|EPI_ISL_687995|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-A7D884/2020|2020-10-13|EPI_ISL_606546|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUI-9B5265/2020|2020-09-03|EPI_ISL_590425|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5989/2020|2020-09-28|EPI_ISL_621098|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/DL-NCDC2214-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482552|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/England/ALDP-952E2A/2020|2020-06-11|EPI_ISL_553655|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AK-PHL041/2020|2020-03-23|EPI_ISL_437514|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Chen|USA

>Spike|hCoV-19/England/ALDP-B5B575/2020|2020-11-07|EPI_ISL_655342|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2199/2020|2020-04-11|EPI_ISL_448159|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/France/OCC-SC480/2020|2020-03-24|EPI_ISL_660681|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/BRIS-12F79C/2020|2020-03-11|EPI_ISL_488199|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A2F87/2020|2020-12-14|EPI_ISL_744038|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-77963/2020|2020-03-30|EPI_ISL_439476|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Norway/4016/2020|2020-09-28|EPI_ISL_590877|original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/NY-Wadsworth-200235-01/2020|2020-07-07|EPI_ISL_677069|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUEH-B6A625/2020|2020-11-11|EPI_ISL_662430|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CN-IBV-97006518/2020|2020-04-05|EPI_ISL_537723|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00ededn|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-14362/2020|2020-11-30|EPI_ISL_711124|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-8893/2020|2020-11-02|EPI_ISL_626164|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B2047C/2020|2020-11-02|EPI_ISL_647507|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-HLP-90/2020|2020-05-02|EPI_ISL_530087|Original|hCoV-19^^Madrid|Human|Hospital Universitario La Paz|Hospital Universitario La Paz|Viedma|Spain

>Spike|hCoV-19/England/OXON-AE550/2020|2020-00-00|EPI_ISL_448701|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1437/2020|2020-03-27|EPI_ISL_494603|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/UT-UPHL-2012067509/2020|2020-08-02|EPI_ISL_745732|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-B81488/2020|2020-11-14|EPI_ISL_668248|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1069/2020|2020-04-13|EPI_ISL_542516|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-484079/2020|2020-10-24|EPI_ISL_627961|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1745/2020|2020-09-17|EPI_ISL_605618|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-AC8240/2020|2020-10-22|EPI_ISL_629451|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/LI-RIVM-20448/2020|2020-12-09|EPI_ISL_728667|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-8324/2020|2020-10-26|EPI_ISL_617300|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-298250/2020|2020-04-28|EPI_ISL_488077|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_2554/2020|2020-03-11|EPI_ISL_471547|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague and The National Institute of Public Health|Nagy|Czech Republic

>Spike|hCoV-19/USA/NY-PV09492/2020|2020-03-21|EPI_ISL_450164|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/France/ARA-SC088/2020|2020-03-05|EPI_ISL_693391|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/QEUH-AD6388/2020|2020-10-24|EPI_ISL_644001|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL077/2020|2020-05-08|EPI_ISL_451238|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Netherlands/UT-EMC-139/2020|2020-10-19|EPI_ISL_632732|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-9B61EF/2020|2020-08-28|EPI_ISL_572992|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-10040/2020|2020-06-11|EPI_ISL_672197|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/MILK-9C399C/2020|2020-09-10|EPI_ISL_566872|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A1D4CE/2020|2020-10-03|EPI_ISL_595063|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Japan/PG-7208/2020|2020-07-00|EPI_ISL_688312|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Peru/LIM-UPCH-0148/2020|2020-08-28|EPI_ISL_568542|Original|hCoV-19^^Lima|Human|Laboratorio de Referencia Nacional de Virus Respiratorios|Laboratorio de Gen\u00f3mica Microbiana|Tsukayama|Peru

>Spike|hCoV-19/Latvia/143/2020|2020-09-09|EPI_ISL_639640|Original|hCoV-19^^Latvia|Human|Centr\u0101l\u0101 Laboratorija|Latvian Biomedical Research and Study Centre|Zrel\u0113vs|Latvia

>Spike|hCoV-19/Germany/HH-hpi-p1276/2020|2020-03-15|EPI_ISL_775759|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/France/NAQ-SC212/2020|2020-03-27|EPI_ISL_649964|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU Bordeaux|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/EDB1496/2020|2020-04-12|EPI_ISL_526460|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/EDB5906/2020|2020-04-30|EPI_ISL_487843|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS2964698/2020|2020-06-30|EPI_ISL_740227|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMB-7CF7B/2020|2020-04-06|EPI_ISL_442224|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/20100004806/2020|2020-02-29|EPI_ISL_415134|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1555/2020|2020-03-18|EPI_ISL_468495|Original|hCoV-19^^California|Human|Ventura County Public Health Lab|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/TX-HMH-4307/2020|2020-06-18|EPI_ISL_543517|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB3042/2020|2020-04-03|EPI_ISL_488920|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0703/2020|2020-05-15|EPI_ISL_698854|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Portugal/IGC4392/2020|2020-06-07|EPI_ISL_491245|Original|hCoV-19^^Portugal|Human|Instituto Gulbenkian de Ci\u00eancia|Instituto Gulbenkian de Ci\u00eancia|Leite|Portugal

>Spike|hCoV-19/England/CAMC-B345CD/2020|2020-11-06|EPI_ISL_659727|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/IMR_WC413/2020|2020-02-08|EPI_ISL_455791|Vero E6|hCoV-19^^Selangor|Human|Institutē for Medical Research|Malaysia Genome Institute|Mat Isa|Malaysia

>Spike|hCoV-19/Belgium/ULG-10280/2020|2020-07-24|EPI_ISL_540447|Original|hCoV-19^^Anvers|Human|University of Li\u00e8ge COVID-19 testing center|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/MILK-B3916A/2020|2020-11-02|EPI_ISL_650163|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15DD93/2020|2020-05-14|EPI_ISL_472775|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NMDOH-2020324000/2020|2020-09-01|EPI_ISL_542091|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/Wales/PHWC-49FD38/2020|2020-12-08|EPI_ISL_743348|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-C5BCBB/2020|2020-12-14|EPI_ISL_735894|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004033/2020|2020-10-12|EPI_ISL_635014|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/CruiseA-8/2020|2020-02-17|EPI_ISL_413613|Original|hCoV-19^^USA|Human|unknown|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Hong Kong/VB20175873/2020|2020-08-14|EPI_ISL_539822|Original|hCoV-19^^Hong Kong|Human|Communicable Disease Branch|Hong Kong Department of Health|Tsang|China

>Spike|hCoV-19/Denmark/DCGC-6912/2020|2020-10-12|EPI_ISL_619758|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08615/2020|2020-05-26|EPI_ISL_524356|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUEH-9DE372/2020|2020-09-21|EPI_ISL_599637|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-CCD63/2020|2020-10-05|EPI_ISL_650283|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/CAMC-B087CC/2020|2020-10-30|EPI_ISL_643828|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12E214/2020|2020-04-10|EPI_ISL_481981|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AR-IBV-2413/2020|2020-03-23|EPI_ISL_468845|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/MA-MASPHL-00081/2020|2020-04-03|EPI_ISL_791570|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/QEUH-9F4B7E/2020|2020-09-25|EPI_ISL_600637|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-420680/2020|2020-12-23|EPI_ISL_768040|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUH-9B77A0/2020|2020-09-08|EPI_ISL_590614|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20608/2020|2020-12-10|EPI_ISL_790691|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM) |Meijer|Netherlands

>Spike|hCoV-19/USA/TX-HMH-MCoV-9770/2020|2020-07-06|EPI_ISL_780265|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-18235/2020|2020-12-14|EPI_ISL_749831|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/FL-BPHL-1610/2020|2020-07-28|EPI_ISL_594300|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Scotland/QEUH-9CEA16/2020|2020-09-17|EPI_ISL_601939|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12A88F/2020|2020-04-29|EPI_ISL_458299|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0109742/2020|2020-10-26|EPI_ISL_739715|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-B331D9/2020|2020-11-05|EPI_ISL_659140|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-138235/2020|2020-10-06|EPI_ISL_612392|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-953CA7/2020|2020-06-12|EPI_ISL_554525|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-995A18/2020|2020-08-23|EPI_ISL_551668|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/205141202/2020|2020-12-16|EPI_ISL_756149|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/USA/OK-CDC-2-3693595/2020|2020-11-16|EPI_ISL_747157|Original|hCoV-19^^Oklahoma|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/England/MILK-A7DBC7/2020|2020-10-13|EPI_ISL_638470|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Australia/VIC9839/2020|2020-08-17|EPI_ISL_565741|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/GJ-GBRC311a/2020|2020-06-20|EPI_ISL_495065|Original|hCoV-19^^Gujarat|Human|GAIMS & G K General Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/204121781/2020|2020-10-05|EPI_ISL_609848|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/AZ-TG666171/2020|2020-05-01|EPI_ISL_696250|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-1169/2020|2020-03-16|EPI_ISL_614639|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR929/2020|2020-03-28|EPI_ISL_433362|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A54FE/2020|2020-12-16|EPI_ISL_764877|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0407/2020|2020-04-02|EPI_ISL_569492|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Brazil/RO-03/2020|2020-05-11|EPI_ISL_514133|Original|hCoV-19^^Rond\u00f4nia|Human|Rond\u00f4nia Central Public Health Laboratory (LACEN/RO)|Molecular Virology Laboratory of Oswaldo Cruz Foundation of Rond\u00f4nia|Souza Botelho|Brazil

>Spike|hCoV-19/Brazil/SP-777/2020|2020-07-01|EPI_ISL_776765|Original|hCoV-19^^S\u00e3o Paulo|Human|Instituto Adolfo Lutz - Regional de Santo Andre|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/England/CAMC-C9870C/2020|2020-12-18|EPI_ISL_777439|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A8F04B/2020|2020-10-15|EPI_ISL_650588|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7047940/2020|2020-10-19|EPI_ISL_744502|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-9F34CF/2020|2020-09-24|EPI_ISL_588574|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B7B005/2020|2020-11-12|EPI_ISL_723976|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-D2957/2020|2020-03-26|EPI_ISL_442510|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-109033/2020|2020-10-13|EPI_ISL_650535|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/LIVE-1D4C00/2020|2020-09-04|EPI_ISL_611629|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-80F47/2020|2020-04-15|EPI_ISL_444450|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97007960/2020|2020-09-14|EPI_ISL_654524|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/TX-HMH-MCoV-15009/2020|2020-10-16|EPI_ISL_786493|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/PORT-2CFD04/2020|2020-05-07|EPI_ISL_461988|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/EXET-136273/2020|2020-04-13|EPI_ISL_457214|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/MILK-AC9045/2020|2020-10-22|EPI_ISL_629580|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E1260/2020|2020-09-20|EPI_ISL_580904|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2527/2020|2020-06-01|EPI_ISL_545363|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-484747/2020|2020-10-20|EPI_ISL_628039|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-QDX-565/2020|2020-03-16|EPI_ISL_571319|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-B20922/2020|2020-11-02|EPI_ISL_647585|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0358/2020|2020-04-27|EPI_ISL_516687|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/MD-MDH-0531/2020|2020-11-30|EPI_ISL_778908|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/Denmark/DCGC-7055/2020|2020-10-12|EPI_ISL_619904|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-303/2020|2020-04-13|EPI_ISL_436597|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-CB63E6/2020|2020-12-18|EPI_ISL_761768|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13740/2020|2020-09-01|EPI_ISL_592313|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-UM-10036858504/2020|2020-11-09|EPI_ISL_728456|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/TX-HMH-3526/2020|2020-06-10|EPI_ISL_544224|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-19022/2020|2020-12-07|EPI_ISL_748292|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-A05A7C/2020|2020-09-29|EPI_ISL_599990|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8459/2020|2020-10-26|EPI_ISL_617920|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/MB-NML-818/2020|2020-07-10|EPI_ISL_582319|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/WA-S325/2020|2020-04-03|EPI_ISL_434085|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Netherlands/UT-RIVM-20601/2020|2020-12-16|EPI_ISL_790684|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-6510/2020|2020-10-05|EPI_ISL_619410|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-UPHL-04476/2020|2020-05-20|EPI_ISL_525342|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-3651/2020|2020-08-31|EPI_ISL_615423|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2A12B/2020|2020-04-04|EPI_ISL_432178|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-003733/2020|2020-04-04|EPI_ISL_480995|Original|hCoV-19^^Catalunya|Human|ISGlobal|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/ALDP-94E5FF/2020|2020-06-17|EPI_ISL_555369|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1067/2020|2020-06-16|EPI_ISL_628727|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/NY-Wadsworth-290384-01/2020|2020-12-17|EPI_ISL_765562|Original|hCoV-19^^New York|Human|MONTEFIORE MEDICAL CENTER LABORATORIES|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-6AF1DD/2020|2020-07-01|EPI_ISL_557780|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A4FD9B/2020|2020-10-06|EPI_ISL_597740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-27C0F/2020|2020-03-31|EPI_ISL_432298|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-117366/2020|2020-10-21|EPI_ISL_679925|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-2683/2020|2020-05-04|EPI_ISL_700415|Original|hCoV-19^^Western Cape|Human|Guguletu CHC wc GDH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Mexico/BCN-ALSR-4951/2020|2020-08-02|EPI_ISL_730226|Original|hCoV-19^^Baja California|Human|Genomica Lab Molecular|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/Wales/PHWC-490C85/2020|2020-11-16|EPI_ISL_706555|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2154/2020|2020-10-28|EPI_ISL_734237|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/North Macedonia/3122/2020|2020-06-11|EPI_ISL_516421|Original|hCoV-19^^Skopje|Human|Center for public health - Skopje|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/Iceland/289/2020|2020-03-18|EPI_ISL_417617|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/20128041504/2020|2020-03-19|EPI_ISL_423962|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-CC677/2020|2020-10-09|EPI_ISL_613386|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6572/2020|2020-06-24|EPI_ISL_546095|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/NAQ-SC280/2020|2020-03-30|EPI_ISL_644673|Original|hCoV-19^^Nouvelle-Aquitaine|Human|CHU de Limoges|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Singapore/1224/2020|2020-04-24|EPI_ISL_648640|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/CAMC-BBE1F4/2020|2020-11-22|EPI_ISL_705405|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Portugal/PT1013/2020|2020-03-26|EPI_ISL_511560|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-166395/2020|2020-05-26|EPI_ISL_493989|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC13479/2020|2020-08-03|EPI_ISL_592255|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Jordan/AM-ALSR-4094/2020|2020-10-03|EPI_ISL_636454|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/QEUEH-C93E2A/2020|2020-12-18|EPI_ISL_777622|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B521A7/2020|2020-11-08|EPI_ISL_658007|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8430/2020|2020-10-16|EPI_ISL_612189|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F5A25/2020|2020-09-27|EPI_ISL_588933|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20106004902/2020|2020-03-05|EPI_ISL_417241|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/204991196/2020|2020-12-05|EPI_ISL_723034|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-C32B35/2020|2020-12-11|EPI_ISL_782497|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487076/2020|2020-11-01|EPI_ISL_639161|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A85A38/2020|2020-10-18|EPI_ISL_610560|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-QDX-1945/2020|2020-03-15|EPI_ISL_604265|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-14778/2020|2020-10-12|EPI_ISL_786263|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/CA-CZB-13082/2020|2020-05-07|EPI_ISL_672053|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA
>Spike|hCoV-19/New Zealand/20CV0426/2020|2020-10-13|EPI_ISL_622808|Original|hCoV-19^^South Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand
>Spike|hCoV-19/USA/WI-UW-2381/2020|2020-10-29|EPI_ISL_728146|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA
>Spike|hCoV-19/England/CAMC-A82206/2020|2020-10-12|EPI_ISL_610680|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/HI-H200078/2020|2020-06-05|EPI_ISL_752646|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA
>Spike|hCoV-19/England/CAMC-B07EAA/2020|2020-10-29|EPI_ISL_643581|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom
>Spike|hCoV-19/USA/CT-QDX-1405/2020|2020-03-16|EPI_ISL_572101|Original|hCoV-19^^Connecticut|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA
>Spike|hCoV-19/England/QEUEH-96C379/2020|2020-08-12|EPI_ISL_530947|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/England/MILK-9D3CCD/2020|2020-09-17|EPI_ISL_601490|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/Australia/NSW2128/2020|2020-04-30|EPI_ISL_500623|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia
>Spike|hCoV-19/USA/TX-HMH-MCoV-13474/2020|2020-08-22|EPI_ISL_788604|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/USA/LA-EVTL521/2020|2020-06-25|EPI_ISL_578925|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA
>Spike|hCoV-19/USA/TX-HMH-MCoV-8558/2020|2020-07-02|EPI_ISL_780626|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA
>Spike|hCoV-19/England/MILK-A47EFA/2020|2020-10-05|EPI_ISL_598275|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom
>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH993/2020|2020-06-17|EPI_ISL_513067|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia
>Spike|hCoV-19/Japan/PG-0648/2020|2020-04-00|EPI_ISL_684258|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan
>Spike|hCoV-19/Australia/WA03/2020|2020-03-14|EPI_ISL_420533|Original|hCoV-19^^Western Australia|Human|Department of Microbiology|Department of Microbiology|Sikazwe|Australia
>Spike|hCoV-19/Australia/VIC5594/2020|2020-07-19|EPI_ISL_518410|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia
>Spike|hCoV-19/USA/WI-UW-1892/2020|2020-09-22|EPI_ISL_605761|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/FL-BPHL-0484/2020|2020-03-20|EPI_ISL_495390|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-B387B4/2020|2020-11-01|EPI_ISL_658950|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C50C2/2020|2020-09-10|EPI_ISL_567558|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CB7F4/2020|2020-09-16|EPI_ISL_575545|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-1260519/2020|2020-04-07|EPI_ISL_524667|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-488F1E/2020|2020-11-01|EPI_ISL_639516|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Iran/K1r-69/2020|2020-04-00|EPI_ISL_591324|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/USA/CA-CZB-13663/2020|2020-11-04|EPI_ISL_738720|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/ALDP-A67C72/2020|2020-10-12|EPI_ISL_630668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20176041104/2020|2020-04-21|EPI_ISL_465411|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-B53470/2020|2020-11-08|EPI_ISL_662635|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A417F5/2020|2020-10-06|EPI_ISL_609398|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-95E29B/2020|2020-08-08|EPI_ISL_537023|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2236/2020|2020-11-07|EPI_ISL_734216|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/England/LOND-D4BB9/2020|2020-04-11|EPI_ISL_449658|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20071/2020|2020-12-07|EPI_ISL_747668|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-CDPH254/2020|2020-11-14|EPI_ISL_755090|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/England/MILK-B5A619/2020|2020-11-06|EPI_ISL_658295|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AAEDD6/2020|2020-10-20|EPI_ISL_653007|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-96E26B/2020|2020-08-20|EPI_ISL_534476|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC - University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1137/2020|2020-03-25|EPI_ISL_447888|Original|hCoV-19^^California|Human|University of California|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000781/2020|2020-03-20|EPI_ISL_632161|Original|hCoV-19^^New York|Human|SUNY Downstate Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Wales/ALDP-9D8BF8/2020|2020-09-18|EPI_ISL_577383|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14841/2020|2020-11-20|EPI_ISL_739299|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUA-9BAC17/2020|2020-09-07|EPI_ISL_572924|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-A7784E/2020|2020-10-14|EPI_ISL_638945|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14069/2020|2020-06-24|EPI_ISL_738892|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/QEUA-9B72DC/2020|2020-09-07|EPI_ISL_590620|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AF61E2/2020|2020-10-30|EPI_ISL_676488|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B549CB/2020|2020-11-09|EPI_ISL_658228|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-2170/2020|2020-05-22|EPI_ISL_545159|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CO-CDPHE-2008063260/2020|2020-08-05|EPI_ISL_710320|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/ALDP-B73DF7/2020|2020-11-12|EPI_ISL_664495|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2680/2020|2020-08-17|EPI_ISL_617901|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MASPHL-00148/2020|2020-04-03|EPI_ISL_791619|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Ireland/OY-NVRL-75IRL70179/2020|2020-10-12|EPI_ISL_671926|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Finland/21A19S11/2020|2020-04-21|EPI_ISL_481607|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Luxembourg/LNS4463577/2020|2020-10-26|EPI_ISL_740474|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Luxembourg/LNS6755246/2020|2020-10-22|EPI_ISL_744465|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de santé|Laboratoire national de santé|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-A1FCA6/2020|2020-10-01|EPI_ISL_587690|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-977DE6/2020|2020-07-27|EPI_ISL_550500|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL352/2020|2020-05-25|EPI_ISL_578758|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/C200037134/2020|2020-00-00|EPI_ISL_636728|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B3864E/2020|2020-11-01|EPI_ISL_658822|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F065C/2020|2020-00-00|EPI_ISL_627585|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Ireland/DL-NVRL-20G48972/2020|2020-04-05|EPI_ISL_666699|Original|hCoV-19^^Donegal|Human|National Virus Reference Lab (NVRL)|Irish Coronavirus Sequencing Consortium-Teagasc Grange|McCabe|Ireland

>Spike|hCoV-19/USA/CA-ALSR-2631/2020|2020-07-09|EPI_ISL_635598|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/OR-PROV-014/2020|2020-04-01|EPI_ISL_482301|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Northern Ireland/NIRE-102C63/2020|2020-04-20|EPI_ISL_489193|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/480/2020|2020-03-20|EPI_ISL_424503|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Denmark/DCGC-19956/2020|2020-12-07|EPI_ISL_747889|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-12203/2020|2020-11-16|EPI_ISL_682384|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/BRIS-124D86/2020|2020-03-26|EPI_ISL_443977|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16DAD5/2020|2020-09-19|EPI_ISL_577488|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Sweden/20-08969/2020|2020-08-04|EPI_ISL_654942|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Denmark/DCGC-7523/2020|2020-10-12|EPI_ISL_619387|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/SAP121/2020|2020-03-19|EPI_ISL_492110|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/USA/WA-S168/2020|2020-03-18|EPI_ISL_430206|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC3034/2020|2020-07-02|EPI_ISL_563987|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/WA-S457/2020|2020-04-02|EPI_ISL_434217|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/QEUH-B1355B/2020|2020-11-01|EPI_ISL_641711|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-NIV-3472/2020|2020-03-17|EPI_ISL_454528|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/OXON-B4EC5/2020|2020-03-20|EPI_ISL_535021|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/DL-NCDC2330-CSIR-IGIB/2020|2020-05-19|EPI_ISL_482559|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/England/MILK-A7B8C2/2020|2020-10-15|EPI_ISL_607611|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97007957/2020|2020-10-01|EPI_ISL_654510|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/South Korea/KCDC2447/2020|2020-06-04|EPI_ISL_514850|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/France/ARA-67363/2020|2020-09-03|EPI_ISL_683385|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/WA-S2843/2020|2020-09-16|EPI_ISL_574685|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMB-8127A/2020|2020-04-11|EPI_ISL_442976|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/NOTT-10E14A/2020|2020-03-17|EPI_ISL_425502|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AAB629/2020|2020-10-21|EPI_ISL_652802|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15364/2020|2020-10-21|EPI_ISL_786848|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/ARA-70764/2020|2020-09-10|EPI_ISL_693491|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Australia/VIC11324/2020|2020-07-24|EPI_ISL_563330|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-9CA519/2020|2020-09-10|EPI_ISL_567321|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3207/2020|2020-04-00|EPI_ISL_690621|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B0A0FC/2020|2020-10-29|EPI_ISL_672998|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2001/2020|2020-03-26|EPI_ISL_653154|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-15743/2020|2020-11-23|EPI_ISL_713994|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-WSLH-200390/2020|2020-04-23|EPI_ISL_578556|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Australia/SAP481/2020|2020-08-05|EPI_ISL_513911|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/204221492/2020|2020-00-00|EPI_ISL_593991|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-F062F/2020|2020-10-14|EPI_ISL_595186|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/MILK-9C2EBC/2020|2020-09-10|EPI_ISL_566483|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A46B12/2020|2020-10-06|EPI_ISL_598312|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4092/2020|2020-07-00|EPI_ISL_692333|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG648646/2020|2020-04-27|EPI_ISL_695878|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/LA-EVTL436/2020|2020-06-11|EPI_ISL_578842|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/Donner24/2020|2020-04-20|EPI_ISL_438968|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/Scotland/EDB3233/2020|2020-04-07|EPI_ISL_488983|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-AR36/2020|2020-05-28|EPI_ISL_508183|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/LOND-12600DC/2020|2020-03-19|EPI_ISL_516847|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9775FD/2020|2020-07-24|EPI_ISL_550515|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-4479/2020|2020-06-17|EPI_ISL_543654|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-AA181E/2020|2020-10-22|EPI_ISL_625179|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9AF21/2020|2020-11-15|EPI_ISL_673862|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5384/2020|2020-08-00|EPI_ISL_690487|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/BS-UHB-42203106/2020|2020-03-23|EPI_ISL_528344|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/LA-EVTL1111/2020|2020-12-04|EPI_ISL_768381|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Spain/MD-IBV-99008802/2020|2020-09-21|EPI_ISL_654153|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/QEUH-BCB464/2020|2020-11-26|EPI_ISL_704188|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B66313/2020|2020-11-09|EPI_ISL_661490|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-228/2020|2020-04-16|EPI_ISL_537533|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/TX-HMH-2261/2020|2020-05-24|EPI_ISL_545211|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/LA-BIE-SUS3/2020|2020-04-06|EPI_ISL_767407|Original|hCoV-19^^Louisiana|Human|Ochsner Health|BioInfo Experts|Cross|USA

>Spike|hCoV-19/Israel/701002458/2020|2020-03-24|EPI_ISL_447297|Original|hCoV-19^^South Coast District|Human|Microbiology Division|Stern Lab|Miller|Israel

>Spike|hCoV-19/England/MILK-ACE602/2020|2020-10-21|EPI_ISL_629217|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/GE-EMC-257/2020|2020-04-19|EPI_ISL_523236|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Japan/PG-8338/2020|2020-08-00|EPI_ISL_687437|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-AAF634/2020|2020-10-23|EPI_ISL_630972|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2A489B/2020|2020-09-11|EPI_ISL_573387|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/ALDP-AA1DE2/2020|2020-10-22|EPI_ISL_625224|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR3188/2020|2020-04-28|EPI_ISL_453097|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/EXET-13C4FF/2020|2020-11-21|EPI_ISL_705134|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/ALDP-6C1D95/2020|2020-07-01|EPI_ISL_557806|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/919/2020|2020-03-21|EPI_ISL_538450|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Northern Ireland/NIRE-10728A/2020|2020-03-30|EPI_ISL_585131|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-B56CEE/2020|2020-11-05|EPI_ISL_657003|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99D078/2020|2020-08-30|EPI_ISL_549828|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1831/2020|2020-09-22|EPI_ISL_609987|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/ALDP-A701B3/2020|2020-10-15|EPI_ISL_608182|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-10800/2020|2020-07-06|EPI_ISL_789631|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B41527/2020|2020-11-08|EPI_ISL_658536|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483AB8/2020|2020-10-11|EPI_ISL_627891|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NM-DOH-2020641030/2020|2020-12-26|EPI_ISL_767051|Original|hCoV-19^^New Mexico|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Malone|USA

>Spike|hCoV-19/Scotland/QEUEH-96D78B/2020|2020-08-20|EPI_ISL_534530|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1295/2020|2020-03-31|EPI_ISL_648222|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/NORT-1B71D23/2020|2020-11-20|EPI_ISL_705067|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/UT-02516/2020|2020-04-23|EPI_ISL_493104|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-986/2020|2020-04-10|EPI_ISL_545948|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/FL-BPHL-1988/2020|2020-04-18|EPI_ISL_653141|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Russia/AST-RII-MH4494S/2020|2020-08-06|EPI_ISL_733211|Original|hCoV-19^^Astrakhan|Human|Pathogenic Microorganisms Variability Laboratory|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/NORT-288F7A/2020|2020-03-25|EPI_ISL_458653|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1448/2020|2020-03-30|EPI_ISL_511407|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Nigeria/NCDC-08/2020|2020-08-21|EPI_ISL_737200|Original|hCoV-19^^FCT|Human|National Reference Laboratory|National Reference Laboratory|Ndodo|Nigeria

>Spike|hCoV-19/USA/NV-NSPHL-A0152/2020|2020-05-14|EPI_ISL_515416|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Australia/VIC6004/2020|2020-07-23|EPI_ISL_518779|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-47FA0A/2020|2020-10-16|EPI_ISL_612758|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2455/2020|2020-08-03|EPI_ISL_617415|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A41CAB/2020|2020-10-06|EPI_ISL_609486|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG389333/2020|2020-06-17|EPI_ISL_694698|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Australia/VIC17159/2020|2020-08-16|EPI_ISL_663772|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-169F52/2020|2020-08-28|EPI_ISL_529713|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21513/2020|2020-12-21|EPI_ISL_758204|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-99A2C/2020|2020-04-12|EPI_ISL_439788|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUE-9CFF9E/2020|2020-09-14|EPI_ISL_589906|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC7D4D/2020|2020-11-17|EPI_ISL_705930|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-81702/2020|2020-04-11|EPI_ISL_442531|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/India/WB-S32/2020|2020-05-01|EPI_ISL_455661|Original|hCoV-19^^West Bengal|Human|ICMR-National Institute of Cholera and Enteric Diseases|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/ALDP-9336BE/2020|2020-06-21|EPI_ISL_552945|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9FD216/2020|2020-10-02|EPI_ISL_588050|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009571/2020|2020-07-18|EPI_ISL_605250|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUE-AE30AF/2020|2020-10-26|EPI_ISL_633523|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B2260/2020|2020-05-11|EPI_ISL_469909|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21704/2020|2020-06-16|EPI_ISL_529823|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-2670F/2020|2020-03-27|EPI_ISL_422231|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC16072/2020|2020-08-02|EPI_ISL_640467|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-4933/2020|2020-07-00|EPI_ISL_690053|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Beijing/BJ709/2020|2020-02-07|EPI_ISL_430729|Original|hCoV-19^^Beijing|Human|Chinese PLA Institute for Disease Control and Prevention|Chinese PLA Institute for Disease Control and Prevention|Li|China

>Spike|hCoV-19/USA/TX-DSHS-0788/2020|2020-05-22|EPI_ISL_590856|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-DSHS-1019/2020|2020-03-23|EPI_ISL_644173|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Iran/SA-Isf-48/2020|2020-06-24|EPI_ISL_672600|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh, S.|Iran

>Spike|hCoV-19/England/ALDP-C4996E/2020|2020-12-13|EPI_ISL_718871|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_04286257/2020|2020-04-00|EPI_ISL_466765|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/ALDP-AC5D42/2020|2020-10-14|EPI_ISL_631215|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12008/2020|2020-06-15|EPI_ISL_671255|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-9F2E2/2020|2020-05-02|EPI_ISL_453443|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-20209/2020|2020-11-26|EPI_ISL_723362|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-9C447C/2020|2020-09-09|EPI_ISL_566900|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7703/2020|2020-10-19|EPI_ISL_618614|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/UN-1100/2020|2020-03-10|EPI_ISL_421664|Original|hCoV-19^^India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/England/204300795/2020|2020-10-19|EPI_ISL_649816|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/204180611/2020|2020-10-07|EPI_ISL_609856|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-A6471A/2020|2020-10-09|EPI_ISL_609101|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1479/2020|2020-03-27|EPI_ISL_511438|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/20129106504/2020|2020-03-11|EPI_ISL_424091|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/UT-05/2020|2020-03-13|EPI_ISL_415543|Vero|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Singapore/546/2020|2020-05-27|EPI_ISL_482693|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/MILK-B94473/2020|2020-11-13|EPI_ISL_676049|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5971/2020|2020-07-20|EPI_ISL_518746|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-6173/2020|2020-07-04|EPI_ISL_547291|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-1359/2020|2020-03-30|EPI_ISL_622209|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/DL-NCDC3803-CSIR-IGIB/2020|2020-05-20|EPI_ISL_482573|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/Belgium/ULG-10368/2020|2020-08-04|EPI_ISL_540535|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-CB4CA1/2020|2020-12-18|EPI_ISL_761879|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7652/2020|2020-08-00|EPI_ISL_686754|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/GE-EMC-229/2020|2020-06-02|EPI_ISL_523209|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/QEUA-A9DFD4/2020|2020-10-20|EPI_ISL_652674|Original|hCoV-19^^Scotland|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Australia/VIC15671/2020|2020-08-02|EPI_ISL_593407|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14277/2020|2020-10-04|EPI_ISL_787562|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-5259/2020|2020-09-07|EPI_ISL_615190|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-6B2DD3/2020|2020-07-01|EPI_ISL_557839|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Indonesia/AC-NIHRD-PME4523/2020|2020-06-18|EPI_ISL_791981|Original|hCoV-19^^Aceh|Human|Balai Litbang Aceh|National Institute of Health Research and Development|Setiawati|Indonesia

>Spike|hCoV-19/England/ALDP-AA3B8C/2020|2020-10-22|EPI_ISL_624442|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B9EE02/2020|2020-11-18|EPI_ISL_719923|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5007/2020|2020-09-21|EPI_ISL_621800|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16288B/2020|2020-05-22|EPI_ISL_473132|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-9D402A/2020|2020-09-18|EPI_ISL_601695|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-7923B8/2020|2020-07-15|EPI_ISL_533018|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2631/2020|2020-07-21|EPI_ISL_678325|Original|hCoV-19^^New South Wales|Human|Area of Virology|Virology Research Laboratory; Area of Virology|Foster|Australia

>Spike|hCoV-19/England/CAMC-C2690D/2020|2020-12-07|EPI_ISL_782920|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9D7A65/2020|2020-09-17|EPI_ISL_576610|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/CAMC-B21CDD/2020|2020-11-01|EPI_ISL_647290|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A064D7/2020|2020-09-30|EPI_ISL_600071|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8B98E/2020|2020-12-16|EPI_ISL_756452|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95AF89/2020|2020-06-15|EPI_ISL_555667|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-1124D1/2020|2020-05-31|EPI_ISL_484385|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1442/2020|2020-03-28|EPI_ISL_468409|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/Japan/PG-4864/2020|2020-07-00|EPI_ISL_689985|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Ireland/D-NVRL-MPV53968/2020|2020-04-05|EPI_ISL_767765|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/CAMC-B548EC/2020|2020-11-09|EPI_ISL_658202|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4978A8/2020|2020-11-22|EPI_ISL_726896|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-GMF-21836/2020|2020-09-22|EPI_ISL_660841|Original|hCoV-19^^Minnesota|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUH-544D9B/2020|2020-05-14|EPI_ISL_533345|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/538/2020|2020-06-02|EPI_ISL_482686|Original|hCoV-19^^Singapore|Human|Singapore General Hospital|Department of Microbiology|Abdul Rahman|Singapore

>Spike|hCoV-19/England/BIRM-5FCA4/2020|2020-05-15|EPI_ISL_473394|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Netherlands/GE-RIVM-10095/2020|2020-03-10|EPI_ISL_547461|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/NORT-289753/2020|2020-04-01|EPI_ISL_458679|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-16FF10/2020|2020-03-21|EPI_ISL_459525|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13798/2020|2020-08-17|EPI_ISL_592318|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Sweden/20-53233/2020|2020-10-26|EPI_ISL_648208|Original|hCoV-19^^Sweden|Human|Orebro|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Ireland/WX-NVRL-76IRL29790/2020|2020-10-18|EPI_ISL_732462|Original|hCoV-19^^Wexford|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/USA/NE-10851/2020|2020-05-04|EPI_ISL_475189|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/Denmark/DCGC-10360/2020|2020-11-02|EPI_ISL_669924|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-4A1717/2020|2020-12-10|EPI_ISL_743715|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/NOTT-10F695/2020|2020-04-03|EPI_ISL_433034|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-B25055/2020|2020-11-04|EPI_ISL_646532|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/201040083/2020|2020-03-03|EPI_ISL_464324|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/HI-H200413/2020|2020-08-07|EPI_ISL_752957|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/QEUEH-A9B738/2020|2020-10-20|EPI_ISL_611327|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A863B4/2020|2020-10-17|EPI_ISL_606077|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B84634/2020|2020-11-15|EPI_ISL_675409|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012404/2020|2020-11-16|EPI_ISL_780060|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-20675/2020|2020-12-21|EPI_ISL_759292|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-53256/2020|2020-10-15|EPI_ISL_648155|Original|hCoV-19^^Sweden|Human|Stockholm|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-94FCBD/2020|2020-06-16|EPI_ISL_555224|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49850A/2020|2020-12-01|EPI_ISL_727086|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-12D145/2020|2020-04-26|EPI_ISL_481864|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-127FAB/2020|2020-04-18|EPI_ISL_469613|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CN-IBV-97006509/2020|2020-03-30|EPI_ISL_537717|Original|hCoV-19^^Canary Islands|Human|Hospital Universitario de Gran Canaria Dr. Negr\u00e9d\u00e9n|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMC-B37D86/2020|2020-11-06|EPI_ISL_659018|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RS-00622/2020|2020-11-23|EPI_ISL_770573|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/England/GSTT-265D615/2020|2020-03-24|EPI_ISL_483988|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|COVID-19 Genomics UK (COG-UK) Consortium|Awan|United Kingdom

>Spike|hCoV-19/Switzerland/SO-ETHZ-410122/2020|2020-12-16|EPI_ISL_737792|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-C23126/2020|2020-12-06|EPI_ISL_733783|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20194148101/2020|2020-05-04|EPI_ISL_465620|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LOND-D512F/2020|2020-04-14|EPI_ISL_444203|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-A66AE2/2020|2020-10-12|EPI_ISL_630459|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/HMJ-0330330/2020|2020-03-30|EPI_ISL_462184|Original|hCoV-19^^Beerse|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Portugal/PT0940/2020|2020-04-08|EPI_ISL_511490|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/TX-HMH-7459/2020|2020-06-26|EPI_ISL_546780|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/MN-MDH-84/2020|2020-03-15|EPI_ISL_460068|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/UT-02921/2020|2020-04-30|EPI_ISL_509543|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/South Korea/KDCA0403/2020|2020-11-05|EPI_ISL_760187|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/ALDP-4A7492/2020|2020-06-08|EPI_ISL_559641|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-486921/2020|2020-10-28|EPI_ISL_639091|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-AA5382/2020|2020-10-21|EPI_ISL_625153|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6108/2020|2020-09-21|EPI_ISL_621142|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A84B09/2020|2020-10-18|EPI_ISL_610490|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A68EF3/2020|2020-10-12|EPI_ISL_608543|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20434/2020|2020-12-07|EPI_ISL_728653|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-9EF10B/2020|2020-09-25|EPI_ISL_594901|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Scotland/EDB9050/2020|2020-10-31|EPI_ISL_652039|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1818/2020|2020-05-20|EPI_ISL_512196|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-Wadsworth-49019-01/2020|2020-04-16|EPI_ISL_676858|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CT-UW-6259/2020|2020-04-01|EPI_ISL_430960|Original|hCoV-19^^Connecticut|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/South Africa/R10315/2020|2020-05-28|EPI_ISL_490270|Original|hCoV-19^^Western Cape|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/USA/NY-Wadsworth-41107-01/2020|2020-04-05|EPI_ISL_525659|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/20124003404/2020|2020-03-17|EPI_ISL_465773|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NC_200445/2020|2020-05-00|EPI_ISL_458292|Original|hCoV-19^^North Carolina|Human|Dirk Dittmer|Dirk Dittmer|Moorad|USA

>Spike|hCoV-19/England/NOTT-111EF2/2020|2020-05-03|EPI_ISL_472423|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B22823/2020|2020-11-01|EPI_ISL_647165|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12059/2020|2020-07-24|EPI_ISL_591911|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Ireland/WW-NVRL-20G35325/2020|2020-03-20|EPI_ISL_605074|Original|hCoV-19^^Wicklow|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/England/NOTT-11A6C4/2020|2020-11-06|EPI_ISL_638595|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12383/2020|2020-09-26|EPI_ISL_790322|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Costa Rica/INC-0115/2020|2020-07-21|EPI_ISL_682255|Original|hCoV-19^^Heredia|Human|HOSPITAL SAN VICENTE DE PAUL|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Netherlands/OV-RIVM-20124/2020|2020-11-10|EPI_ISL_723299|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-3702/2020|2020-08-31|EPI_ISL_615480|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/AZ-TG532052/2020|2020-07-01|EPI_ISL_695400|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Sweden/20-22278/2020|2020-09-17|EPI_ISL_654893|Original|hCoV-19^^Skane|Human|Klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-980281/2020|2020-08-06|EPI_ISL_529537|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1819/2020|2020-09-22|EPI_ISL_614139|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/LOND-124C768/2020|2020-00-00|EPI_ISL_490428|Original|hCoV-19^^England|Human|University College London Hospital|COVID-19 Genomics UK (COG-UK) Consortium|Byott|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1819/2020|2020-09-09|EPI_ISL_605691|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/CAMB-7F50D/2020|2020-04-08|EPI_ISL_470397|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32A52/2020|2020-04-14|EPI_ISL_474386|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-21326/2020|2020-12-21|EPI_ISL_759679|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B234F1/2020|2020-11-02|EPI_ISL_651731|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18122/2020|2020-11-17|EPI_ISL_784470|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-2A695/2020|2020-04-06|EPI_ISL_445603|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B7344D/2020|2020-11-12|EPI_ISL_662358|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NI-ChVir-W1701-6761/2020|2020-08-10|EPI_ISL_754044|Original|hCoV-19^^Lower Saxony|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Switzerland/VD-ETHZ-270174/2020|2020-08-29|EPI_ISL_541498|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Canada/ON-S1836/2020|2020-11-24|EPI_ISL_729300|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/MI-MDHHS-SC22277/2020|2020-10-19|EPI_ISL_666943|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/ALDP-AA5355/2020|2020-10-21|EPI_ISL_625259|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-954D76/2020|2020-06-12|EPI_ISL_553485|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3228/2020|2020-06-29|EPI_ISL_520911|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-22344/2020|2020-12-14|EPI_ISL_758692|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B76723/2020|2020-11-12|EPI_ISL_723776|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3A49/2020|2020-12-16|EPI_ISL_764597|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0E40B/2020|2020-11-02|EPI_ISL_641925|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1875/2020|2020-05-04|EPI_ISL_622540|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S2454/2020|2020-06-16|EPI_ISL_497086|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/CA-ALSR-2647/2020|2020-07-11|EPI_ISL_635610|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/NORW-E710C/2020|2020-04-22|EPI_ISL_453552|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-1BAFE9/2020|2020-11-11|EPI_ISL_664812|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1193/2020|2020-05-18|EPI_ISL_614839|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-18474/2020|2020-11-18|EPI_ISL_784822|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/SHEF-C74BE/2020|2020-10-06|EPI_ISL_613372|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-300251/2020|2020-09-30|EPI_ISL_603283|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MA-MASPHL-00728/2020|2020-09-21|EPI_ISL_692944|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Scotland/EDB8687/2020|2020-10-25|EPI_ISL_650182|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Bahrain/340861245_S21/2020|2020-10-14|EPI_ISL_632254|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/USA/NY-NYUMC685/2020|2020-04-02|EPI_ISL_450402|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Scotland/EDB5668/2020|2020-04-12|EPI_ISL_473827|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483B97/2020|2020-10-18|EPI_ISL_627902|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B966B7/2020|2020-11-14|EPI_ISL_676205|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Greece/202_32984/2020|2020-03-12|EPI_ISL_437876|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/England/CAMC-A3F4E4/2020|2020-10-06|EPI_ISL_609648|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1BC56D/2020|2020-11-27|EPI_ISL_723879|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1558/2020|2020-05-12|EPI_ISL_494660|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10515/2020|2020-07-08|EPI_ISL_789511|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20172060804/2020|2020-04-20|EPI_ISL_465372|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-B74752/2020|2020-11-12|EPI_ISL_662156|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/AS-IBV-98006633/2020|2020-04-01|EPI_ISL_654625|Original|hCoV-19^^Asturias|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/QEUH-9B9C54/2020|2020-09-07|EPI_ISL_549554|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94D03B/2020|2020-06-15|EPI_ISL_555879|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Austria/CeMM0314/2020|2020-03-30|EPI_ISL_475786|Original|hCoV-19^^Vienna|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/BRIS-127CA4/2020|2020-04-18|EPI_ISL_469644|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Cote d'Ivoire/BKE0189/2020|2020-06-16|EPI_ISL_614360|Original|hCoV-19^^Boauk\u00e9|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|C\u00f4te d'Ivoire

>Spike|hCoV-19/England/20179042804/2020|2020-04-24|EPI_ISL_528432|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0110/2020|2020-03-12|EPI_ISL_455913|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Japan/PG-7117/2020|2020-08-00|EPI_ISL_688222|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYCPHL-000222/2020|2020-03-18|EPI_ISL_631752|Original|hCoV-19^^New York|Human|NYC HH Lincoln Medical And Mental Health Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Belgium/ULG-10494/2020|2020-09-23|EPI_ISL_581656|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-B1A75E/2020|2020-11-02|EPI_ISL_645768|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7B273/2020|2020-04-11|EPI_ISL_433934|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D48F/2020|2020-10-06|EPI_ISL_586818|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/LOM-INMI-13075-B/2020|2020-03-01|EPI_ISL_451308|Original|hCoV-19^^Lombardy|Human|Molecular Virology Unit|Laboratory of Virology|Gruber|Italy

>Spike|hCoV-19/England/QEUH-B2DC86/2020|2020-11-03|EPI_ISL_646937|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/200940527/2020|2020-02-25|EPI_ISL_414005|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A1E3DF/2020|2020-10-01|EPI_ISL_598836|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-76E47/2020|2020-03-31|EPI_ISL_439415|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B215B4/2020|2020-11-03|EPI_ISL_647381|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11973/2020|2020-07-26|EPI_ISL_563500|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW620/2020|2020-06-19|EPI_ISL_490029|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Wales/PHWC-4A39D3/2020|2020-12-16|EPI_ISL_763538|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20146064304/2020|2020-04-01|EPI_ISL_421994|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2C165/2020|2020-04-04|EPI_ISL_474282|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-0040/2020|2020-03-05|EPI_ISL_479807|Original|hCoV-19^^Kanto|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Nigeria/OY608-CV172/2020|2020-06-11|EPI_ISL_527903|Original|hCoV-19^^Oyo|Human|Nigeria Centre for Disease Control (NCDC)|African Centre of Excellence for Genomics of Infectious Diseases (ACEGID)|Oluniyi|Nigeria

>Spike|hCoV-19/USA/MI-MDHHS-SC22395/2020|2020-11-11|EPI_ISL_708375|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/Australia/VIC6199/2020|2020-07-23|EPI_ISL_518201|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-483757/2020|2020-10-08|EPI_ISL_626850|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC4076/2020|2020-07-11|EPI_ISL_519458|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MI-UM-2006S001102/2020|2020-04-15|EPI_ISL_495581|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Scotland/QEUA-A78FEE/2020|2020-10-12|EPI_ISL_638985|Original|hCoV-19^^Scotland|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15780/2020|2020-07-10|EPI_ISL_785464|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR2403/2020|2020-04-13|EPI_ISL_438900|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Singapore/951/2020|2020-04-07|EPI_ISL_538485|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Netherlands/NH-RIVM-21074/2020|2020-12-15|EPI_ISL_791081|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUA-BCBDB4/2020|2020-11-27|EPI_ISL_704458|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3863/2020|2020-07-02|EPI_ISL_636250|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/India/DL-NCDC-01475/2020|2020-03-15|EPI_ISL_435065|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Gibraltar/204421201/2020|2020-10-27|EPI_ISL_613662|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/USA/NMDOH-2020320942/2020|2020-09-01|EPI_ISL_542065|Original|hCoV-19^^Texas|Human|New Mexico Department of Health Scientific Laboratory|New Mexico Department of Health Scientific Laboratory|Johnson|USA

>Spike|hCoV-19/New Zealand/20VR3192/2020|2020-03-26|EPI_ISL_579479|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/FL-BPHL-2174/2020|2020-08-18|EPI_ISL_653327|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/South Africa/KRISP-K003490/2020|2020-09-14|EPI_ISL_602820|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMB-79925/2020|2020-04-01|EPI_ISL_441302|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201009890/2020|2020-05-31|EPI_ISL_594014|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-S1101/2020|2020-05-04|EPI_ISL_463591|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Scotland/EDB4679/2020|2020-05-08|EPI_ISL_449320|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Wales/PHWC-162B28/2020|2020-05-30|EPI_ISL_473165|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A693A/2020|2020-12-17|EPI_ISL_765086|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Gambia/3749/2020|2020-07-30|EPI_ISL_561012|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Switzerland/GE-ETHZ-120005/2020|2020-04-17|EPI_ISL_468206|Original|hCoV-19^^Geneve|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/India/MH-ACTREC-135/2020|2020-05-28|EPI_ISL_699791|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/QEUEH-962407/2020|2020-08-10|EPI_ISL_531849|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-p2463/2020|2020-04-29|EPI_ISL_776522|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/India/GJ-GBRC243/2020|2020-06-14|EPI_ISL_483824|Original|hCoV-19^^Gujarat|Human|GMERS Medical College Himmatnagar|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/England/CAMC-A5895F/2020|2020-10-06|EPI_ISL_597144|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-697/2020|2020-09-18|EPI_ISL_632419|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/MN-MDH-1205/2020|2020-04-30|EPI_ISL_477294|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/UN-UW-1403/2020|2020-03-16|EPI_ISL_422982|Original|hCoV-19^^USA|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Norway/2872/2020|2020-07-10|EPI_ISL_500791|Original|hCoV-19^^Norway|Human|Hospital of Southern Norway - Kristiansand|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/South Africa/Tygerberg_334_CC2/2020|2020-10-10|EPI_ISL_660141|Original|hCoV-19^^Western Cape|Human|Hamadi|National Health Laboratory Service (NHLS)|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUEH-B2B4F9/2020|2020-11-03|EPI_ISL_646570|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A33529/2020|2020-10-05|EPI_ISL_628390|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4486/2020|2020-09-07|EPI_ISL_615671|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4596/2020|2020-08-00|EPI_ISL_689733|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB6437/2020|2020-04-27|EPI_ISL_487669|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10432/2020|2020-11-02|EPI_ISL_669966|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-ACTREC-631/2020|2020-09-11|EPI_ISL_723068|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/USA/MI-UM-10036662641/2020|2020-10-28|EPI_ISL_650079|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Japan/PG-3904/2020|2020-07-00|EPI_ISL_692155|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-C8EA2E/2020|2020-12-14|EPI_ISL_777228|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22426/2020|2020-12-14|EPI_ISL_757557|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-825AD/2020|2020-04-13|EPI_ISL_443558|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_58/2020|2020-03-11|EPI_ISL_415514|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B2D363/2020|2020-11-04|EPI_ISL_660012|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-5B35CC/2020|2020-06-17|EPI_ISL_558751|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B374FA/2020|2020-11-05|EPI_ISL_645420|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9C2CC1/2020|2020-09-10|EPI_ISL_566505|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-126A05/2020|2020-04-08|EPI_ISL_459062|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/OR-ILSCV32889/2020|2020-06-05|EPI_ISL_481171|Original|hCoV-19^^Odisha|Human|Immunogenomics lab|Immunogenomics lab|Raghav|India

>Spike|hCoV-19/Denmark/DCGC-20408/2020|2020-12-21|EPI_ISL_759130|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/CM-IBV-003816/2020|2020-05-25|EPI_ISL_474820|Original|hCoV-19^^Castilla La Mancha|Human|Complejo Hospitalario Universitario de Albacete|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WI-GMF-26052/2020|2020-10-15|EPI_ISL_660945|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/CAMB-1B9973/2020|2020-11-07|EPI_ISL_664954|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LIVE-9FACC/2020|2020-06-05|EPI_ISL_472037|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/NJ-NYUMC627/2020|2020-04-02|EPI_ISL_444744|Original|hCoV-19^^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/CA-ALSR-1098-SAN/2020|2020-06-17|EPI_ISL_483525|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Australia/SAP603/2021|2021-01-02|EPI_ISL_771368|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/Latvia/201/2020|2020-09-21|EPI_ISL_770034|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Finland/5LS20D9/2020|2020-10-05|EPI_ISL_756053|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/USA/MI-MDHHS-SC20641/2020|2020-04-23|EPI_ISL_462723|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-9C851B/2020|2020-09-11|EPI_ISL_567001|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC3027/2020|2020-07-01|EPI_ISL_521856|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMB-8308D/2020|2020-04-13|EPI_ISL_443605|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-9CBAA0/2020|2020-09-15|EPI_ISL_575526|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC_AN5/2020|2020-04-19|EPI_ISL_515219|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/South Africa/KRISP-0067/2020|2020-04-03|EPI_ISL_467451|Original|hCoV-19^^KwaZulu-Natal|Human|AMPATH-DBN|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/HI-H200454/2020|2020-09-02|EPI_ISL_752997|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/LIVE-DBE839/2020|2020-10-28|EPI_ISL_664664|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99007337/2020|2020-08-25|EPI_ISL_582823|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-36784/2020|2020-04-28|EPI_ISL_474710|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22558/2020|2020-12-14|EPI_ISL_757635|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NORT-29AD3F/2020|2020-05-25|EPI_ISL_492457|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/TI-ETHZ-420514/2020|2020-12-22|EPI_ISL_768238|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NOTT-11C826/2020|2020-11-17|EPI_ISL_652412|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D2C5/2020|2020-10-14|EPI_ISL_608288|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9C23CC/2020|2020-09-09|EPI_ISL_566587|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2117/2020|2020-07-27|EPI_ISL_618379|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-4764/2020|2020-06-21|EPI_ISL_544314|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/ALDP-BB94D2/2020|2020-11-20|EPI_ISL_710734|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/Buryatia-87105/2020|2020-03-30|EPI_ISL_428920|Vero|hCoV-19^^Buryatia|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Spain/MD-IBV-003668/2020|2020-04-01|EPI_ISL_467209|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/WA-S265/2020|2020-03-05|EPI_ISL_430119|Original|hCoV-19^^Washington|Human|Seattle Flu Study|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMB-1AB349/2020|2020-04-19|EPI_ISL_470159|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F8011/2020|2020-09-27|EPI_ISL_589006|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-96D69D/2020|2020-08-20|EPI_ISL_534567|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2225/2020|2020-04-00|EPI_ISL_685830|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-233503/2020|2020-10-04|EPI_ISL_680297|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20676/2020|2020-05-14|EPI_ISL_471700|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Portugal/PT0163/2020|2020-03-28|EPI_ISL_453879|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/UT-UPHL-201214564/2020|2020-04-03|EPI_ISL_672535|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR4361/2020|2020-09-14|EPI_ISL_573786|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0880/2020|2020-05-19|EPI_ISL_699018|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/MA-MGH-00091/2020|2020-03-26|EPI_ISL_460348|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/USA/ID-UW-1935/2020|2020-03-22|EPI_ISL_424319|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMC-94774B/2020|2020-07-22|EPI_ISL_556551|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-67/2020|2020-03-25|EPI_ISL_523938|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Wales/ALDP-AA1B42/2020|2020-10-22|EPI_ISL_634768|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7324E/2020|2020-03-22|EPI_ISL_440132|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1607/2020|2020-08-18|EPI_ISL_614017|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUH-A4D137/2020|2020-10-05|EPI_ISL_596094|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LIVE-A9CBA/2020|2020-03-24|EPI_ISL_517348|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00217833/2020|2020-03-13|EPI_ISL_535768|Original|hCoV-19^^Quebec|Human|Centre hospitalier de St-Mary|Laboratoire de sant e publique du Qu bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-ACEB03/2020|2020-10-20|EPI_ISL_629745|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A67F1F/2020|2020-10-12|EPI_ISL_608366|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB8440/2020|2020-10-16|EPI_ISL_612359|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Australia/VIC5549/2020|2020-07-21|EPI_ISL_518378|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A48D9/2020|2020-03-10|EPI_ISL_499824|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/AZ-TG395399/2020|2020-06-22|EPI_ISL_694721|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/Netherlands/Tilburg_/2020|2020-00-00|EPI_ISL_413585|Original|hCoV-19^^Tilburg|Human|unknown|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/NY-NYUMC578/2020|2020-03-30|EPI_ISL_444695|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/England/20124036202/2020|2020-03-17|EPI_ISL_418717|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Chile/RM-165839/2020|2020-08-31|EPI_ISL_746696|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Japan/PG-6898/2020|2020-08-00|EPI_ISL_688006|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-16F8E8/2020|2020-10-07|EPI_ISL_586036|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2538/2020|2020-06-20|EPI_ISL_514941|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/UT-02543/2020|2020-04-24|EPI_ISL_487200|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/England/QEUH-9B8DAD/2020|2020-09-07|EPI_ISL_549770|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-2538/2020|2020-11-19|EPI_ISL_734254|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services (DCLS)|Virginia Division of Consolidated Laboratory Services (DCLS)|St. Jacques|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13321/2020|2020-08-24|EPI_ISL_788469|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-485A4D/2020|2020-10-25|EPI_ISL_628241|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Guangzhou/GZMU0077/2020|2020-02-11|EPI_ISL_457689|Original|hCoV-19^^Guangzhou|Human|The First Affiliated Hospital of Guangzhou Medical University|BGI-shenzhen & The First Affiliated Hospital of Guangzhou Medical University|Ji|China

>Spike|hCoV-19/England/CAMC-B7967E/2020|2020-11-13|EPI_ISL_667968|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-16FC73/2020|2020-03-21|EPI_ISL_489667|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/TAS95/2020|2020-04-09|EPI_ISL_522765|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC3989/2020|2020-07-16|EPI_ISL_519379|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-7329/2020|2020-10-12|EPI_ISL_619296|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A81E7C/2020|2020-10-14|EPI_ISL_610802|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD2058/2020|2020-10-26|EPI_ISL_634063|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-122F37/2020|2020-04-04|EPI_ISL_440639|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K002898/2020|2020-09-04|EPI_ISL_602710|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/LIVE-9C519/2020|2020-03-21|EPI_ISL_449547|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW-13016/2020|2020-06-30|EPI_ISL_570837|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-20163/2020|2020-11-30|EPI_ISL_747577|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-11921/2020|2020-10-19|EPI_ISL_670537|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-B398B0/2020|2020-11-01|EPI_ISL_679649|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-943387/2020|2020-07-29|EPI_ISL_532574|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hungary/US-57572w/2020|2020-10-02|EPI_ISL_677796|Original|hCoV-19^^B\u00e9k\u00e9s county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/United Arab Emirates/0164/2020|2020-05-18|EPI_ISL_698351|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/QEUEH-9FF584/2020|2020-10-02|EPI_ISL_600202|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-233345/2020|2020-09-29|EPI_ISL_680282|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6798/2020|2020-06-25|EPI_ISL_546250|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC13306/2020|2020-07-27|EPI_ISL_563662|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-9F6462/2020|2020-09-25|EPI_ISL_589013|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-624CEE/2020|2020-07-06|EPI_ISL_557917|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B55827/2020|2020-11-06|EPI_ISL_657417|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A507D5/2020|2020-10-07|EPI_ISL_597538|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A69F0E/2020|2020-10-09|EPI_ISL_608725|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUEH-96406B/2020|2020-08-12|EPI_ISL_536871|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-955A8D/2020|2020-06-12|EPI_ISL_555414|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-21542/2020|2020-08-02|EPI_ISL_582784|Original|hCoV-19^^Uppsala|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/OR-OHSU-2743/2020|2020-08-28|EPI_ISL_667299|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Germany/BE-ChVir1959/2020|2020-03-07|EPI_ISL_729489|Original|hCoV-19^^Berlin|Human|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/USA/TX-HMH-2419/2020|2020-05-27|EPI_ISL_545300|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-A8C0B7/2020|2020-10-16|EPI_ISL_643312|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D459D/2020|2020-04-08|EPI_ISL_444136|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-4034/2020|2020-10-03|EPI_ISL_636394|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/ALDP-CB4F3F/2020|2020-12-17|EPI_ISL_761804|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-S1770/2020|2020-11-08|EPI_ISL_755771|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/England/CAMC-AAF9FF/2020|2020-10-22|EPI_ISL_631135|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48B35B/2020|2020-11-05|EPI_ISL_666225|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12839/2020|2020-10-20|EPI_ISL_648485|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-B3279C/2020|2020-11-05|EPI_ISL_659695|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC12859/2020|2020-07-28|EPI_ISL_591798|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC1574/2020|2020-00-00|EPI_ISL_456493|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-AD01C0/2020|2020-10-26|EPI_ISL_649764|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC8170/2020|2020-08-13|EPI_ISL_562663|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/CVR2215/2020|2020-04-12|EPI_ISL_438879|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUH-B1264A/2020|2020-11-02|EPI_ISL_642616|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/SHEF-BFCEE/2020|2020-03-07|EPI_ISL_416733|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/Australia/VIC8189/2020|2020-08-14|EPI_ISL_564891|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-1DDA58/2020|2020-09-28|EPI_ISL_611517|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/CT-CDC-2-3693591/2020|2020-11-05|EPI_ISL_747134|Original|hCoV-19^^Connecticut|Human|Respiratory Viruses Branch|Respiratory Viruses Branch|Queen|USA

>Spike|hCoV-19/USA/WA-UW-3340/2020|2020-03-26|EPI_ISL_491017|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-1B628A/2020|2020-09-16|EPI_ISL_572472|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Japan/PG-2293/2020|2020-04-00|EPI_ISL_685898|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Luxembourg/LNS6222636/2020|2020-10-29|EPI_ISL_744384|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Luxembourg/LNS3955853/2020|2020-11-22|EPI_ISL_740395|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUH-AD5A48/2020|2020-10-26|EPI_ISL_634693|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20138088004/2020|2020-03-24|EPI_ISL_421845|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/NORW-E760D/2020|2020-05-04|EPI_ISL_461805|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/BRIS-12B165/2020|2020-05-10|EPI_ISL_469827|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5375/2020|2020-08-00|EPI_ISL_690478|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-Wadsworth-264178-01/2020|2020-11-05|EPI_ISL_734419|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Japan/PG-4132/2020|2020-07-00|EPI_ISL_692371|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-UPHL-2012514756/2020|2020-08-10|EPI_ISL_745861|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-11695/2020|2020-10-26|EPI_ISL_670522|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-BBB8E3/2020|2020-11-21|EPI_ISL_704297|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-C14911/2020|2020-12-06|EPI_ISL_710672|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-CAD1D9/2020|2020-12-20|EPI_ISL_760956|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-AA475/2020|2020-05-20|EPI_ISL_517456|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18364/2020|2020-11-18|EPI_ISL_784712|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-310385/2020|2020-10-08|EPI_ISL_603459|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORT-2843AF/2020|2020-03-19|EPI_ISL_488673|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F3878/2020|2020-09-24|EPI_ISL_588719|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/253/2020|2020-03-17|EPI_ISL_417581|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-94E1A0/2020|2020-06-17|EPI_ISL_555547|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-12557/2020|2020-11-16|EPI_ISL_682738|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Russia/StPetersburg-RII7658S/2020|2020-04-21|EPI_ISL_450265|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Norway/CS-13/2020|2020-04-14|EPI_ISL_666593|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f8vestad|Norway

>Spike|hCoV-19/England/ALDP-C230CF/2020|2020-12-06|EPI_ISL_733605|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-03195/2020|2020-05-06|EPI_ISL_576368|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Canada/QC-LSPQ-L00242576/2020|2020-03-29|EPI_ISL_536328|Original|hCoV-19^^Quebec|Human|H\u00f8pital Charles-LeMoyn\u00e9|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/USA/TX-HMH-7974/2020|2020-06-30|EPI_ISL_545756|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-16E97D/2020|2020-10-01|EPI_ISL_585796|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/20126104304/2020|2020-03-18|EPI_ISL_423914|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Sweden/20-13176/2020|2020-12-28|EPI_ISL_766719|Original|hCoV-19^^Stockholm|Human|A05 Biomedicum|The Public Health Agency of Sweden|Svartstr\u00f8m|Sweden

>Spike|hCoV-19/England/QEUA-A0B038/2020|2020-10-01|EPI_ISL_599351|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NB-RIVM-20272/2020|2020-11-25|EPI_ISL_723414|Original|hCoV-19^^Noord-Brabant|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Norway/7051/2020|2020-12-17|EPI_ISL_775458|Original|hCoV-19^^Troms og Finnmark|Human|University Hospital of Northern Norway|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/BRIS-12C577/2020|2020-05-15|EPI_ISL_469475|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1908/2020|2020-10-05|EPI_ISL_614151|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Spain/EX-ISCI-201899/2020|2020-03-09|EPI_ISL_539561|Original|hCoV-19^^Extremadura|Human|Hospital San Pedro de Alc\u00e1ntara|Instituto de Salud Carlos III|Caballero|Spain

>Spike|hCoV-19/England/BRIS-126BA8/2020|2020-04-10|EPI_ISL_458982|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A8B3D/2020|2020-08-31|EPI_ISL_550120|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2934/2020|2020-04-22|EPI_ISL_461598|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/20134025704/2020|2020-03-24|EPI_ISL_423131|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12678/2020|2020-08-31|EPI_ISL_790460|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DBD409/2020|2020-10-27|EPI_ISL_664355|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1864/2020|2020-09-10|EPI_ISL_605736|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/ALDP-B5C35C/2020|2020-11-10|EPI_ISL_655687|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG666126/2020|2020-05-02|EPI_ISL_696212|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/USA/AZ-TG654291/2020|2020-04-11|EPI_ISL_695948|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-7251/2020|2020-10-12|EPI_ISL_619011|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-C3AC49/2020|2020-12-08|EPI_ISL_731626|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-IK23/2020|2020-04-25|EPI_ISL_508353|Original|hCoV-19^^West Bengal|Human|Institute of Post Graduate Medical Education & Research|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/Thailand/Nonthaburi_68/2020|2020-01-15|EPI_ISL_447910|Vero P2|hCoV-19^^Nonthaburi|Human|n/a|National Institute of Health. Department of medical Sciences|Okada|Thailand

>Spike|hCoV-19/England/QEUEH-C9321F/2020|2020-12-17|EPI_ISL_762022|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/IST-GLAB-284/2020|2020-05-21|EPI_ISL_735332|Original|hCoV-19^^Istanbul|Human|Genomic Laboratory (GLAB) (Conjoint lab of Health Directorate of Istanbul and Istanbul Technical University)|Genomic Laboratory (GLAB)|Karacan|Turkey

>Spike|hCoV-19/Australia/VIC635/2020|2020-03-28|EPI_ISL_426876|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMB-1BA022/2020|2020-11-04|EPI_ISL_651576|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Belgium/reg-0917992/2020|2020-09-17|EPI_ISL_734984|Original|hCoV-19^^Herk-de-Stad|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-4215/2020|2020-09-14|EPI_ISL_622108|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4064/2020|2020-07-09|EPI_ISL_519446|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Canada/ON-E30/2020|2020-05-25|EPI_ISL_593508|Original|hCoV-19^^Ontario|Human|Eastern Ontario Regional Laboratory Association|McMaster University|McArthur|Canada

>Spike|hCoV-19/Scotland/EDB2661/2020|2020-04-25|EPI_ISL_439253|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Russia/Buryatia-87104/2020|2020-03-30|EPI_ISL_428914|Vero|hCoV-19^^Buryatia|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Wales/PHWC-16C159/2020|2020-09-16|EPI_ISL_574016|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS3433209/2020|2020-11-22|EPI_ISL_740309|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/MN-MDH-1547/2020|2020-08-03|EPI_ISL_527612|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/MA-UW-MAYO45/2020|2020-03-23|EPI_ISL_500529|Original|hCoV-19^^Massachusetts|Human|Mayo Clinic Laboratories|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB5510/2020|2020-04-19|EPI_ISL_487662|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-982CDC/2020|2020-08-10|EPI_ISL_552574|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9DD4BC/2020|2020-09-22|EPI_ISL_599726|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/ACT0043/2020|2020-03-27|EPI_ISL_498510|Original|hCoV-19^^Australian Capital Territory|Human|ACT Pathology|Schwessinger Lab|Hall|Australia

>Spike|hCoV-19/England/LIVE-DC7FED/2020|2020-11-16|EPI_ISL_703219|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-RIVM-21021/2020|2020-12-13|EPI_ISL_791037|Original|hCoV-19^^Zuid-holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-5215/2020|2020-09-14|EPI_ISL_621753|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUH-96413B/2020|2020-08-12|EPI_ISL_534400|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-47F3B4/2020|2020-10-07|EPI_ISL_612668|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0567/2020|2020-05-15|EPI_ISL_698726|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Saudi Arabia/KAUST-MAKKAH1515/2020|2020-04-14|EPI_ISL_678099|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Belgium/ULG-10778/2020|2020-10-31|EPI_ISL_644624|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Wales/PHWC-15E855/2020|2020-05-13|EPI_ISL_472838|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A68EB7/2020|2020-10-12|EPI_ISL_608657|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3DE6F/2020|2020-11-01|EPI_ISL_741403|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Singapore/1201/2020|2020-04-21|EPI_ISL_648617|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/MILK-9959B1/2020|2020-08-23|EPI_ISL_551577|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A369FD/2020|2020-10-05|EPI_ISL_638933|Original|hCoV-19^^Scotland|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1573/2020|2020-06-15|EPI_ISL_618143|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-DAB1D/2020|2020-11-04|EPI_ISL_724694|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-92DD49/2020|2020-06-22|EPI_ISL_551392|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7350/2020|2020-07-24|EPI_ISL_564354|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-2B272/2020|2020-04-08|EPI_ISL_431928|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-K004080/2020|2020-10-19|EPI_ISL_635056|Original|hCoV-19^^KwaZulu-Natal|Human|National Health Laboratory Service - Inkosi Albert Luthuli Central Hospital (NHLS-IALCH)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUH-9F6F25/2020|2020-09-27|EPI_ISL_595646|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/201380236/2020|2020-03-25|EPI_ISL_465835|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-11146/2020|2020-07-17|EPI_ISL_547626|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/France/PAC-IHU-1210/2020|2020-08-17|EPI_ISL_569086|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/USA/VA-DCLS-2424/2020|2020-11-23|EPI_ISL_723488|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/NORT-2959D6/2020|2020-04-03|EPI_ISL_478644|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/QEUH-B9F51B/2020|2020-11-18|EPI_ISL_720937|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48800C/2020|2020-10-29|EPI_ISL_639338|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2007151943/2020|2020-07-15|EPI_ISL_771230|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Peru/LAM-INS-035/2020|2020-04-01|EPI_ISL_491460|Original|hCoV-19^^Lambayeque|Human|Laboratorio de Referencia Nacional de Virus Respiratorio. Instituto Nacional de Salud Per\u00fa|Laboratorio de Referencia Nacional de Biotecnolog\u00eda y Biolog\u00eda Molecular. Instituto Nacional de Salud Per\u00fa|Padilla Rojas|Peru

>Spike|hCoV-19/England/ALDP-95A6C0/2020|2020-06-12|EPI_ISL_553426|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-40149-01/2020|2020-04-07|EPI_ISL_676811|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Switzerland/TI-ETHZ-100042/2020|2020-03-11|EPI_ISL_466965|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-ACDA43/2020|2020-10-21|EPI_ISL_630046|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6640/2020|2020-05-28|EPI_ISL_493963|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUH-A9D305/2020|2020-10-20|EPI_ISL_727779|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/India/TG-CCMB-L1959/2020|2020-06-04|EPI_ISL_495174|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Scotland/EDB8712/2020|2020-10-24|EPI_ISL_651120|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Israel/CVL-45646/2020|2020-12-09|EPI_ISL_745051|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/CAMC-BC1F8B/2020|2020-11-22|EPI_ISL_705011|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9C5CA0/2020|2020-09-10|EPI_ISL_567647|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49AD79/2020|2020-12-03|EPI_ISL_727682|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0178/2020|2020-05-18|EPI_ISL_698365|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/India/MH-BJMC-1701/2020|2020-04-19|EPI_ISL_497889|Original|hCoV-19^^Maharashtra|Human|B.J. Govt. Medical College|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/England/MILK-BB0A9D/2020|2020-11-18|EPI_ISL_720126|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9548DF/2020|2020-06-09|EPI_ISL_555420|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-130E75/2020|2020-03-21|EPI_ISL_501580|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-982823/2020|2020-08-09|EPI_ISL_552681|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15687/2020|2020-07-09|EPI_ISL_785371|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A85D3F/2020|2020-10-17|EPI_ISL_610522|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7C03C/2020|2020-04-13|EPI_ISL_433982|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Portugal/PT2052/2020|2020-11-13|EPI_ISL_732266|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/20139036104/2020|2020-03-27|EPI_ISL_421922|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC3675/2020|2020-11-25|EPI_ISL_704010|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5699/2020|2020-07-00|EPI_ISL_688823|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-4A0226/2020|2020-12-04|EPI_ISL_743414|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DC1806/2020|2020-11-05|EPI_ISL_702708|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-702C7C/2020|2020-06-30|EPI_ISL_557571|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/PAC-IHU-0623/2020|2020-04-12|EPI_ISL_568896|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00a9Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/England/LIVE-AAE3B/2020|2020-07-28|EPI_ISL_540621|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Chile/RM-203937/2020|2020-10-10|EPI_ISL_746759|Original|hCoV-19^^Region Metropolitana de Santiago|Human|Genetica Molecular and Subdepartamento de Virologia ISP Chile|Instituto de Salud Publica de Chile|Tognarelli|Chile

>Spike|hCoV-19/Denmark/DCGC-2595/2020|2020-08-17|EPI_ISL_617831|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-496311/2020|2020-11-26|EPI_ISL_726563|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/ID-QDX-1720/2020|2020-03-17|EPI_ISL_604029|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-3282/2020|2020-08-31|EPI_ISL_616034|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/NIRE-1002FA/2020|2020-05-02|EPI_ISL_489343|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B244/2020|2020-05-17|EPI_ISL_469813|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-B13AB/2020|2020-04-23|EPI_ISL_479008|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/BIRM-60781/2020|2020-06-05|EPI_ISL_483887|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/QEUEH-B12167/2020|2020-11-02|EPI_ISL_642274|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B31EA7/2020|2020-11-04|EPI_ISL_646265|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15609/2020|2020-10-23|EPI_ISL_787093|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/D-NVRL-20G35221/2020|2020-03-20|EPI_ISL_605095|Original|hCoV-19^^Dublin|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Helixworks|Chalapati|Ireland

>Spike|hCoV-19/Switzerland/TI-ETHZ-100048/2020|2020-03-11|EPI_ISL_466970|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-A1DC20/2020|2020-09-29|EPI_ISL_587513|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F8E71/2020|2020-09-27|EPI_ISL_588790|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008983/2020|2020-05-11|EPI_ISL_525300|Original|hCoV-19^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-87009A/2020|2020-07-16|EPI_ISL_557422|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BAC645/2020|2020-11-18|EPI_ISL_681501|Original|hCoV-19^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13297/2020|2020-11-30|EPI_ISL_712717|Original|hCoV-19^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-9E0085/2020|2020-09-21|EPI_ISL_576956|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15193/2020|2020-10-19|EPI_ISL_786677|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/AN-IBV-98001646/2020|2020-04-07|EPI_ISL_538123|Original|hCoV-19^Andalucia|Human|Servicio de Microbiolog\u00eda y Parasitolog\u00eda cl\u00ednica. UCEIMP. Hospital Universitario Virgen del Roc\u00edo/IBIS/CSIC/US|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/AZ-TG491543/2020|2020-06-21|EPI_ISL_695159|Original|hCoV-19^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/PA-MGEL-00165/2020|2020-04-11|EPI_ISL_681953|Original|hCoV-19^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/CAMC-B22674/2020|2020-11-02|EPI_ISL_647184|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-BC0793/2020|2020-11-22|EPI_ISL_705142|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/MH-ACTREC-226/2020|2020-07-01|EPI_ISL_699880|Original|hCoV-19^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Jordan/AM-ALSR-4056/2020|2020-10-03|EPI_ISL_636416|Original|hCoV-19^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/SC-DHEC-0618/2020|2020-06-19|EPI_ISL_538426|Original|hCoV-19^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/Jordan/AQ-ALSR-5243/2020|2020-10-18|EPI_ISL_730481|Original|hCoV-19^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/United Arab Emirates/0027/2020|2020-05-17|EPI_ISL_698236|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Northern Ireland/NIRE-10740C/2020|2020-03-31|EPI_ISL_585147|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Netherlands/NoordBrabant_131/2020|2020-04-08|EPI_ISL_461166|Original|hCoV-19^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/LIVE-DCA788/2020|2020-12-06|EPI_ISL_724384|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D896/2020|2020-10-14|EPI_ISL_607721|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1170/2020|2020-03-28|EPI_ISL_571817|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-7541/2020|2020-10-12|EPI_ISL_618453|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B62EE9/2020|2020-11-08|EPI_ISL_655279|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Thailand/Bangkok-CONI-0265/2020|2020-03-14|EPI_ISL_693344|Original|hCoV-19^^Bangkok|Human|Ramathibodi Hospital|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/South Africa/KRISP-K003703/2020|2020-10-06|EPI_ISL_602883|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-A06097/2020|2020-10-01|EPI_ISL_600085|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11060/2020|2020-11-02|EPI_ISL_670371|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4293/2020|2020-07-00|EPI_ISL_692522|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Japan/PG-6910/2020|2020-09-00|EPI_ISL_688018|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUEH-9CE1F3/2020|2020-09-15|EPI_ISL_590024|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0647/2020|2020-05-15|EPI_ISL_698803|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/AZ-TG396377/2020|2020-06-11|EPI_ISL_694830|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-49FAF5/2020|2020-12-09|EPI_ISL_743320|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/BG-030551/2020|2020-03-05|EPI_ISL_418806|Original|hCoV-19^^Beersel|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Pakistan/JRCGR-KHI47/2020|2020-08-10|EPI_ISL_779285|Original|hCoV-19^^Karachi|Human|Jamil-ur-Rahman Center for Genome Research|Jamil-ur-Rahman Center for Genome Research|Shakeel|Pakistan

>Spike|hCoV-19/USA/TX-HMH-MCoV-15164/2020|2020-10-20|EPI_ISL_786648|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-NYCPHL-000152/2020|2020-04-06|EPI_ISL_631688|Original|hCoV-19^^New York|Human|Wildlife Conservation Society - Bronx Zoo|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/USA/MA-MGH-02809/2020|2020-09-26|EPI_ISL_765642|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Northern Ireland/QEUEH-9622D0/2020|2020-08-10|EPI_ISL_531767|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C48D45/2020|2020-12-10|EPI_ISL_736543|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0094/2020|2020-07-01|EPI_ISL_682236|Original|hCoV-19^^San Jose|Human|AREA DE SALUD LOS CHILES|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/Northern Ireland/NIRE-108FDD/2020|2020-10-13|EPI_ISL_652307|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13141/2020|2020-08-26|EPI_ISL_788292|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Hungary/US-31847w/2020|2020-08-31|EPI_ISL_677735|Original|hCoV-19^^Csongr\u00e9ld county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/India/TG-CDFD-C1325/2020|2020-06-06|EPI_ISL_528555|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD) - DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Denmark/DCGC-15435/2020|2020-11-23|EPI_ISL_713826|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-258525-01/2020|2020-10-29|EPI_ISL_734412|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/20129143004/2020|2020-03-11|EPI_ISL_424109|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4723/2020|2020-09-29|EPI_ISL_730106|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/OXON-BOD62/2020|2020-00-00|EPI_ISL_478961|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20026/2020|2020-12-07|EPI_ISL_747569|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/IC-0170/2020|2020-09-00|EPI_ISL_667599|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Thailand/SamutSakhon-CONI-0359/2020|2020-12-19|EPI_ISL_733553|Original|hCoV-19^^Samut Sakhon|Human|Institute for Urban Disease Control and Prevention|COVID-19 Network Investigations (CONI) Alliance|Batty|Thailand

>Spike|hCoV-19/Scotland/EDB4153/2020|2020-04-18|EPI_ISL_456924|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Scotland/CVR410/2020|2020-03-22|EPI_ISL_439077|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-BB510C/2020|2020-11-21|EPI_ISL_701734|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC13947/2020|2020-07-23|EPI_ISL_563888|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/20134001304/2020|2020-03-19|EPI_ISL_423048|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000866/2020|2020-03-25|EPI_ISL_632939|Original|hCoV-19^^New York|Human|Jamaica Hospital Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/EXET-1359AC/2020|2020-04-22|EPI_ISL_457121|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Gibraltar/204462834/2020|2020-10-29|EPI_ISL_615008|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Denmark/DCGC-14667/2020|2020-11-23|EPI_ISL_711899|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F918466/2020|2020-03-31|EPI_ISL_593970|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/USA/MN-MDH-1280/2020|2020-03-15|EPI_ISL_483001|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Japan/PG-3720/2020|2020-04-00|EPI_ISL_691973|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUA-A0ACDB/2020|2020-10-03|EPI_ISL_599154|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT2044/2020|2020-11-12|EPI_ISL_732259|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC14499/2020|2020-08-12|EPI_ISL_592523|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/QLD1302/2020|2020-03-24|EPI_ISL_693295|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/CAMB-1AEDEE/2020|2020-05-11|EPI_ISL_452866|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/ALDP-B4649E/2020|2020-11-07|EPI_ISL_656118|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0882/2020|2020-06-16|EPI_ISL_610018|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/MD-MDH-0135/2020|2020-07-10|EPI_ISL_534699|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/ALDP-9CB545/2020|2020-09-16|EPI_ISL_575585|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7886/2020|2020-08-07|EPI_ISL_564728|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-204625-01/2020|2020-08-26|EPI_ISL_677083|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/QEUA-B7EA6E/2020|2020-11-14|EPI_ISL_667898|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D70F3/2020|2020-04-10|EPI_ISL_478460|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8050/2020|2020-10-26|EPI_ISL_617159|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-10CCC72/2020|2020-12-03|EPI_ISL_741995|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/WA-S1213/2020|2020-05-07|EPI_ISL_463703|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Scotland/EDB7846/2020|2020-09-22|EPI_ISL_573798|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/BRIS-133874/2020|2020-08-06|EPI_ISL_524488|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1976/2020|2020-03-16|EPI_ISL_604218|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-4FA3EE/2020|2020-06-24|EPI_ISL_559129|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-288D9E/2020|2020-03-22|EPI_ISL_453488|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Australia/VIC3189/2020|2020-07-03|EPI_ISL_520876|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14162/2020|2020-10-03|EPI_ISL_787447|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-498FFD/2020|2020-12-01|EPI_ISL_727243|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/PORT-2E994C/2020|2020-11-05|EPI_ISL_727746|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17570/2020|2020-12-14|EPI_ISL_751075|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-96F19A/2020|2020-08-17|EPI_ISL_530493|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204390346/2020|2020-10-23|EPI_ISL_637138|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS0985896/2020|2020-10-19|EPI_ISL_739867|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/NY-Wadsworth-15616-01/2020|2020-03-14|EPI_ISL_426310|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/CA-SCCPHD-UC34/2020|2020-03-05|EPI_ISL_429879|Original|hCoV-19^^California|Human|Santa Clara County Public Health Department|Chiu Laboratory|Chiu|USA

>Spike|hCoV-19/Australia/VIC13036/2020|2020-07-20|EPI_ISL_592160|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9E2F68/2020|2020-09-21|EPI_ISL_581221|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-878/2020|2020-05-18|EPI_ISL_614818|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-362ED/2020|2020-04-30|EPI_ISL_474648|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B062EB/2020|2020-10-24|EPI_ISL_642854|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A3706/2020|2020-12-15|EPI_ISL_744129|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1841/2020|2020-06-23|EPI_ISL_745275|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/MILK-ACC0D9/2020|2020-10-21|EPI_ISL_629413|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE22B9/2020|2020-10-27|EPI_ISL_633491|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/UGent-89/2020|2020-03-17|EPI_ISL_468737|Original|hCoV-19^^Ghent|Human|Lab voor klinische biologie|Onderzoeksgroep Virologie|Lambrechts|Belgium

>Spike|hCoV-19/England/QEUEH-B0E878/2020|2020-11-02|EPI_ISL_642103|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-6701/2020|2020-04-11|EPI_ISL_461449|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/CAMB-78D48/2020|2020-04-03|EPI_ISL_441336|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3180E/2020|2020-04-11|EPI_ISL_446492|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF6F8/2020|2020-10-23|EPI_ISL_631078|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17039/2020|2020-12-14|EPI_ISL_750394|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DC7D5C/2020|2020-11-17|EPI_ISL_705168|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Scotland/GCVR-17235A/2020|2020-03-30|EPI_ISL_470001|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/MILK-9D4989/2020|2020-09-19|EPI_ISL_601516|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0583/2020|2020-03-23|EPI_ISL_508787|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-160002/2020|2020-06-22|EPI_ISL_486501|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/VIC7113/2020|2020-08-03|EPI_ISL_564238|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AD3EA8/2020|2020-10-26|EPI_ISL_629912|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-211749-01/2020|2020-09-04|EPI_ISL_677096|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18154/2020|2020-11-12|EPI_ISL_784502|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/DB-03023/2020|2020-03-02|EPI_ISL_416470|Original|hCoV-19^^Couthuin|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/BRIS-127FD8/2020|2020-04-18|EPI_ISL_469538|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664554/2020|2020-04-20|EPI_ISL_696170|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/England/204700692/2020|2020-11-16|EPI_ISL_678710|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A87210/2020|2020-10-14|EPI_ISL_606001|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NC-CDC-6999/2020|2020-03-03|EPI_ISL_452124|Original|hCoV-19^^North Carolina|Human|NC State Laboratory of Public Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/204290478/2020|2020-10-16|EPI_ISL_622860|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WA-S343/2020|2020-04-02|EPI_ISL_434103|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-5AF5E1/2020|2020-06-19|EPI_ISL_558765|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08420/2020|2020-05-20|EPI_ISL_524198|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20624/2020|2020-12-16|EPI_ISL_790702|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Canada/ON-PHL-20-00011/2020|2020-00-00|EPI_ISL_548694|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Canada/BC-BCCDC-7242/2020|2020-11-00|EPI_ISL_740633|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajecky|Canada

>Spike|hCoV-19/England/ALDP-C3C773/2020|2020-12-10|EPI_ISL_730917|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM55573502/2020|2020-12-01|EPI_ISL_753572|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/ALDP-B45F8F/2020|2020-11-07|EPI_ISL_656250|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-3558B/2020|2020-04-23|EPI_ISL_474446|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S1789/2020|2020-06-02|EPI_ISL_496215|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Germany/HH-hpi-p2333/2020|2020-03-28|EPI_ISL_776445|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/Australia/NSW971/2020|2020-09-09|EPI_ISL_545043|Original|hCoV-19^^New South Wales|Human|Sydney South West Pathology Service (SSWPS) - Royal Prince Alfred Hospital - NSW Health Pathology|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/204100511/2020|2020-10-03|EPI_ISL_609835|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C74F/2020|2020-11-08|EPI_ISL_666463|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-2281/2020|2020-04-00|EPI_ISL_685886|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/LA-SR0274/2020|2020-04-02|EPI_ISL_445129|Original|hCoV-19^^Louisiana|Human|Robert Garry lab|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/France/ARA-67140/2020|2020-09-02|EPI_ISL_692739|Original|hCoV-19^^Auvergne-Rhône-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/CAMB-1B9B8C/2020|2020-11-09|EPI_ISL_664960|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMB-839FB/2020|2020-04-16|EPI_ISL_443334|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200501/2020|2020-05-21|EPI_ISL_578642|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Morocco/HMIMV-Rabat102-03/2020|2020-03-31|EPI_ISL_471456|Original|hCoV-19^^Rabat|Human|Centre de Virologie des Maladies Tropicales|Functional Genomic Platform/Service Analyses Biologique/UATRS/ Centre National Pour la Recherche Scientifique Et Technique (CNRST)|El Fahime|Morocco

>Spike|hCoV-19/Scotland/QEUEH-BA2FCC/2020|2020-11-18|EPI_ISL_710830|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6595/2020|2020-06-24|EPI_ISL_546113|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A4538/2020|2020-12-16|EPI_ISL_764705|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Portugal/PT1242/2020|2020-03-31|EPI_ISL_511203|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/QEUEH-960D77/2020|2020-08-06|EPI_ISL_531993|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14464/2020|2020-11-30|EPI_ISL_711783|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Palestine/44/2020|2020-08-17|EPI_ISL_596527|Original|hCoV-19^^Jerusalem|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/Scotland/EDB10822/2020|2020-12-08|EPI_ISL_724240|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Wales/PHWC-168EFC/2020|2020-05-02|EPI_ISL_499365|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9F3F4/2020|2020-10-20|EPI_ISL_611342|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B3DE14/2020|2020-11-01|EPI_ISL_741399|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/India/DL-NCDC1733-CSIR-IGIB/2020|2020-05-18|EPI_ISL_482503|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Pandey|India

>Spike|hCoV-19/England/ALDP-9E8348/2020|2020-09-24|EPI_ISL_638246|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/CAMC-B34879/2020|2020-11-05|EPI_ISL_659625|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4247/2020|2020-07-00|EPI_ISL_692477|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-6362/2020|2020-09-21|EPI_ISL_622279|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0346/2020|2020-04-06|EPI_ISL_475806|Original|hCoV-19^^Lower Austria|Human|Center for Virology|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/WA-UW-1948/2020|2020-03-24|EPI_ISL_424301|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-ACDA5/2020|2020-10-20|EPI_ISL_630264|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2B7BF/2020|2020-04-12|EPI_ISL_445762|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Bosnia and Herzegovina/ChVir7353/2020|2020-03-21|EPI_ISL_462459|Original|hCoV-19^^Novi Travnik|Human|Clinical Center|Charite Universitatsmedizin Berlin|Muehlemann|Bosnia and Herzegovina

>Spike|hCoV-19/USA/UT-UPHL-2012212287/2020|2020-09-22|EPI_ISL_745982|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12133/2020|2020-09-22|EPI_ISL_790214|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Cote d'Ivoire/BKE0761/2020|2020-07-28|EPI_ISL_681839|Original|hCoV-19^^Bouafle|Human|Molecular diagnostic unit for viral haemorrhagic fevers and emerging viruses|Project group Epidemiology of Highly Pathogenic Microorganisms|Schubert|C\u00f4te d'Ivoire

>Spike|hCoV-19/Australia/VIC5082/2020|2020-07-17|EPI_ISL_519885|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/United Arab Emirates/0492/2020|2020-05-18|EPI_ISL_698659|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/NOTT-10EC58/2020|2020-03-27|EPI_ISL_432907|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1075-SAN/2020|2020-06-23|EPI_ISL_483502|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-A2DECD/2020|2020-10-05|EPI_ISL_586725|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-17/2020|2020-03-11|EPI_ISL_417462|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Austria/CeMM1091/2020|2020-08-03|EPI_ISL_583887|Original|hCoV-19^^St. Wolfgang|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/England/ALDP-94A186/2020|2020-06-11|EPI_ISL_556311|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2982/2020|2020-09-02|EPI_ISL_635771|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-20382/2020|2020-12-21|EPI_ISL_759117|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9E714F/2020|2020-09-24|EPI_ISL_580538|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Jordan/AM-ALSR-3961/2020|2020-09-30|EPI_ISL_636324|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/England/CAMC-A3F666/2020|2020-10-05|EPI_ISL_609729|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12365/2020|2020-10-12|EPI_ISL_648435|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/South Korea/KDCA0418/2020|2020-10-26|EPI_ISL_760202|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Norway/4637/2020|2020-10-19|EPI_ISL_635194|Original|hCoV-19^^Innlandet|Human|Akershus University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/QEUEH-9C8D04/2020|2020-09-11|EPI_ISL_567026|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9789059/2020|2020-11-17|EPI_ISL_744983|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Wales/PHWC-3481A/2020|2020-04-15|EPI_ISL_446980|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/CAMC-BC1C0C/2020|2020-11-22|EPI_ISL_710823|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Sweden/20-23091/2020|2020-10-08|EPI_ISL_648130|Original|hCoV-19^^Sweden|Human|Uppsala klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/India/MH-ACTREC-389/2020|2020-07-28|EPI_ISL_700038|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/Australia/VIC7596/2020|2020-07-24|EPI_ISL_564520|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-292734-01/2020|2020-12-06|EPI_ISL_767715|Original|hCoV-19^^New York|Human|MEMORIAL SLOAN KETTERING CANCER CENTER|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Singapore/102/2020|2020-03-16|EPI_ISL_443194|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-24886/2020|2020-03-00|EPI_ISL_432406|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG305802/2020|2020-04-28|EPI_ISL_694281|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/MILK-BAB9E3/2020|2020-11-18|EPI_ISL_681538|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC6746/2020|2020-07-25|EPI_ISL_564025|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-3683/2020|2020-09-07|EPI_ISL_615458|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9BE1F6/2020|2020-09-09|EPI_ISL_568016|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-A638FA/2020|2020-10-09|EPI_ISL_596162|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL108/2020|2020-05-06|EPI_ISL_451269|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/South Africa/KRISP-K000641/2020|2020-07-13|EPI_ISL_509290|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/USA/TX-HMH-6519/2020|2020-06-27|EPI_ISL_546053|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/NY-Wadsworth-290318-01/2020|2020-12-14|EPI_ISL_765519|Original|hCoV-19^^New York|Human|SARATOGA HOSPITAL LABORATORY|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/USA/LA-EVTL914/2020|2020-07-09|EPI_ISL_653605|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-6018/2020|2020-09-21|EPI_ISL_621127|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/CVR4030/2020|2020-08-29|EPI_ISL_535128|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Australia/VIC10954/2020|2020-07-31|EPI_ISL_563164|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-286380-01/2020|2020-12-11|EPI_ISL_754573|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/ALDP-B853E1/2020|2020-11-15|EPI_ISL_681665|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6BDF5A/2020|2020-07-01|EPI_ISL_557746|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9CE0BA/2020|2020-09-16|EPI_ISL_566294|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-B68A67/2020|2020-11-11|EPI_ISL_655240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036001658/2020|2020-09-17|EPI_ISL_583363|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/MILK-AB85FF/2020|2020-10-21|EPI_ISL_623573|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11998/2020|2020-07-25|EPI_ISL_640916|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A669E5/2020|2020-10-12|EPI_ISL_630632|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DB7B64/2020|2020-11-02|EPI_ISL_651251|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Spain/RI-IBV-99005856/2020|2020-03-25|EPI_ISL_537399|Original|hCoV-19^^La Rioja|Human|Centro de Investigaci\u00f3n Biom\u00e9dica de La Rioja - Hospital San Pedro Logro\u00f1o|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/EDB8360/2020|2020-10-13|EPI_ISL_612341|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/Australia/VIC2859/2020|2020-07-02|EPI_ISL_521690|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/QEUH-9E4EA5/2020|2020-09-24|EPI_ISL_601000|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1AC2B4/2020|2020-04-28|EPI_ISL_444388|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14775/2020|2020-11-23|EPI_ISL_711971|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/203290070/2020|2020-07-31|EPI_ISL_514353|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Mexico/BCN-ALSR-1694/2020|2020-04-27|EPI_ISL_496355|Original|hCoV-19^^Baja California|Human|Infectolab|Andersen lab at Scripps Research|Gangavarapu|Mexico

>Spike|hCoV-19/USA/MN-MDH-1882/2020|2020-10-12|EPI_ISL_603017|Original|hCoV-19^^Minnesota|Human|Essentia Health-St. Mary's Medical Center|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Northern Ireland/NIRE-232E36/2020|2020-09-24|EPI_ISL_680227|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/CAMB-74605/2020|2020-03-24|EPI_ISL_425315|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Singapore/1459/2020|2020-12-10|EPI_ISL_728195|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/CAMB-1BBC4B/2020|2020-11-17|EPI_ISL_679212|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-190086/2020|2020-07-07|EPI_ISL_500942|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/MD-MDH-0415/2020|2020-11-04|EPI_ISL_666785|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/BRIS-1270E4/2020|2020-04-23|EPI_ISL_469583|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-728/2020|2020-03-28|EPI_ISL_444879|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/QEUH-BCE8FC/2020|2020-11-26|EPI_ISL_704539|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA0ACE/2020|2020-10-22|EPI_ISL_625070|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BE-ETHZ-400080/2020|2020-12-06|EPI_ISL_729129|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Hong Kong/VM20002493-2/2020|2020-02-09|EPI_ISL_414527|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/England/LCST-24D67E6/2020|2020-05-30|EPI_ISL_478296|Original|hCoV-19^^England|Human|University Hospitals Of Leicester NHS Trust and DeepSeq Nottingham|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20781/2020|2020-04-22|EPI_ISL_471802|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/UT-UPHL-02833/2020|2020-04-25|EPI_ISL_575093|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-B08EE5/2020|2020-10-30|EPI_ISL_673081|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NV-CDC-2-3714281/2020|2020-12-04|EPI_ISL_751778|Original|hCoV-19^^Nevada|Human|NV State Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/Wales/MILK-A46356/2020|2020-10-05|EPI_ISL_609284|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW873/2020|2020-03-20|EPI_ISL_526697|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/QEUH-9CF927/2020|2020-09-16|EPI_ISL_590164|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1272/2020|2020-03-00|EPI_ISL_684881|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/OXON-AF9EA/2020|2020-00-00|EPI_ISL_478793|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-998893/2020|2020-08-23|EPI_ISL_540055|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/ALDP-C8A309/2020|2020-12-16|EPI_ISL_762643|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-881D53/2020|2020-07-24|EPI_ISL_532777|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-AD2261/2020|2020-10-26|EPI_ISL_634180|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/DRC/D09-0687/2020|2020-05-20|EPI_ISL_636986|Original|hCoV-19^^Kinshasa|Human|Virology Lab|Project group Epidemiology of Highly Pathogenic Microorganisms|Calvignac-Spencer|Democratic Republic of the Congo

>Spike|hCoV-19/England/ALDP-CB35C5/2020|2020-12-20|EPI_ISL_761216|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B788D3/2020|2020-11-11|EPI_ISL_783445|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/ME-HETL-J0367/2020|2020-12-07|EPI_ISL_755489|Original|hCoV-19^^Maine|Human|Maine Health and Environmental Testing Laboratory|Tewhey Lab|Tewhey|USA

>Spike|hCoV-19/England/CAMC-B990C5/2020|2020-11-15|EPI_ISL_673361|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5944/2020|2020-07-16|EPI_ISL_518723|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-30B15/2020|2020-04-10|EPI_ISL_446322|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E0FC4/2020|2020-09-20|EPI_ISL_581029|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0655/2020|2020-05-16|EPI_ISL_698810|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-B1A40C/2020|2020-11-01|EPI_ISL_646114|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1158/2020|2020-04-07|EPI_ISL_433412|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/QEUEH-B69529/2020|2020-11-11|EPI_ISL_655255|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_540/2020|2020-00-00|EPI_ISL_460713|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B0DD2F/2020|2020-11-02|EPI_ISL_642105|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-126124E/2020|2020-04-02|EPI_ISL_524628|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/204521764/2020|2020-11-02|EPI_ISL_678645|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Australia/VIC15403/2020|2020-07-30|EPI_ISL_593287|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Gibraltar/205000710/2020|2020-12-00|EPI_ISL_710032|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Australia/NSW1238/2020|2020-12-10|EPI_ISL_740869|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-18109/2020|2020-11-13|EPI_ISL_784457|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/IC-0357/2020|2020-12-00|EPI_ISL_721600|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/India/MH-ACTREC-582/2020|2020-09-02|EPI_ISL_700223|Original|hCoV-19^^Maharashtra|Human|Hematopathology Laboratory|Hematopathology Laboratory|Patkar|India

>Spike|hCoV-19/England/MILK-95704D/2020|2020-06-10|EPI_ISL_554306|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-431/2020|2020-08-11|EPI_ISL_523769|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-20011/2020|2020-12-07|EPI_ISL_747928|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-99A882/2020|2020-08-29|EPI_ISL_550317|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2EE62/2020|2020-10-05|EPI_ISL_587087|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Kenya/S338/2020|2020-03-29|EPI_ISL_457936|Original|hCoV-19^^Kenya|Human|KEMRI-Centre for Virus Research|KEMRI-Wellcome Trust Research Programme/KEMRI-CGMR-C Kilifi|Githinji|Kenya

>Spike|hCoV-19/Australia/VIC12339/2020|2020-07-25|EPI_ISL_591961|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-3346/2020|2020-04-00|EPI_ISL_691461|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/NY-NYUMC581/2020|2020-03-30|EPI_ISL_444698|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/USA/MN-MDH-1594/2020|2020-05-15|EPI_ISL_530190|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/United Arab Emirates/skmc-3607928/2020|2020-09-14|EPI_ISL_582672|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/USA/OR-OHSU-1223/2020|2020-07-13|EPI_ISL_509165|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Czech Republic/NRL_8814/2020|2020-09-11|EPI_ISL_626576|Original|hCoV-19^^Central Bohemian Region|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/MILK-ACC622/2020|2020-10-21|EPI_ISL_629110|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C4CC35/2020|2020-12-13|EPI_ISL_761018|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-21F79E/2020|2020-12-08|EPI_ISL_725049|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Wales/PHWC-25E56/2020|2020-03-25|EPI_ISL_422307|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-11015/2020|2020-11-17|EPI_ISL_708459|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/England/ALDP-9BCE5B/2020|2020-09-09|EPI_ISL_573080|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Bahrain/340859251_S1/2020|2020-10-14|EPI_ISL_632273|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/LIVE-9ED4C/2020|2020-04-04|EPI_ISL_453390|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13743/2020|2020-08-18|EPI_ISL_788836|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-94E36E/2020|2020-06-18|EPI_ISL_555307|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B546E2/2020|2020-11-08|EPI_ISL_658187|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B4699F/2020|2020-11-07|EPI_ISL_656058|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/DL-61015-CSIR-IGIB/2020|2020-08-06|EPI_ISL_636767|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-10448/2020|2020-07-08|EPI_ISL_789280|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/VIC2047/2020|2020-06-13|EPI_ISL_521908|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-48A5CF/2020|2020-11-04|EPI_ISL_652573|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3193/2020|2020-06-02|EPI_ISL_635907|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Singapore/1140/2020|2020-04-15|EPI_ISL_648049|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/ALDP-9525E9/2020|2020-06-09|EPI_ISL_554064|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/RJ-UFRJ-1640/2020|2020-04-29|EPI_ISL_492033|Original|hCoV-19^^Rio de Janeiro|Human|Instituto de Biologia do Ex\u00e9rcito|Laborat\u00f3rio Metabolismo Macromolecular FirminoTorres de Castro|Moura-Neto|Brazil

>Spike|hCoV-19/Scotland/MILK-A69E10/2020|2020-10-09|EPI_ISL_625419|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B99D82/2020|2020-11-15|EPI_ISL_673455|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-A9EE30/2020|2020-10-20|EPI_ISL_611463|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/ABR-IZSGC-TE46428/2020|2020-05-14|EPI_ISL_528996|Original|hCoV-19^^Abruzzo|Human|Servizio di igiene epidemiologia e sanit\u00e0 pubblica (SIESP)-Chieti|Istituto Zooprofilattico Sperimentale dell'Abruzzo e Molise \G.Caporale\|Lorusso|Italy

>Spike|hCoV-19/Wales/PHWC-488655/2020|2020-11-02|EPI_ISL_638062|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/SHEF-C290F/2020|2020-09-03|EPI_ISL_559901|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/PR-CDC-3578/2020|2020-03-08|EPI_ISL_447845|Original|hCoV-19^^Puerto Rico|Human|PR - Biological and Chemical Emergencies Lab Office of Public Health Preparedness and Response|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-B832B9/2020|2020-11-14|EPI_ISL_675648|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UT-AR9/2020|2020-05-22|EPI_ISL_508206|Original|hCoV-19^^Uttarakhand|Human|All india institute of Medical Sciences Rishikesh|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/USA/UT-UPHL-201211125/2020|2020-04-07|EPI_ISL_678527|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-7105/2020|2020-10-12|EPI_ISL_619144|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A857D7/2020|2020-10-17|EPI_ISL_610287|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00002/2020|2020-03-23|EPI_ISL_681940|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/England/MILK-817F3E/2020|2020-07-18|EPI_ISL_557189|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21568/2020|2020-03-22|EPI_ISL_516295|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/CAMB-1BCC59/2020|2020-12-01|EPI_ISL_763793|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/WA-S2098/2020|2020-06-05|EPI_ISL_497526|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-11495/2020|2020-11-02|EPI_ISL_670957|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/HR-THSTI-BAL-41/2020|2020-04-07|EPI_ISL_454859|Original|hCoV-19^^Haryana|Human|Translational Health Science and Technology Institute -ESIC medical college and hospital|THSTI Bioassay laboratory|Medigeshi|India

>Spike|hCoV-19/England/CAMC-B22D42/2020|2020-11-02|EPI_ISL_647277|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-9F89CB/2020|2020-09-25|EPI_ISL_588831|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-NM050/2020|2020-03-14|EPI_ISL_444547|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/CA-SR0432/2020|2020-03-26|EPI_ISL_467962|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-9EA73B/2020|2020-09-24|EPI_ISL_589782|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0281/2020|2020-06-13|EPI_ISL_527848|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-S2047/2020|2020-06-05|EPI_ISL_497475|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/BRIS-1310D8/2020|2020-03-14|EPI_ISL_501593|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B6993C/2020|2020-11-11|EPI_ISL_661343|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19516/2020|2020-11-30|EPI_ISL_783895|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Singapore/40/2020|2020-03-31|EPI_ISL_422433|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/USA/IN_72003/2020|2020-03-07|EPI_ISL_426422|Original|hCoV-19^^Indiana|Human|IN State Department of Health Laboratory Services|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/ALDP-BC8986/2020|2020-11-22|EPI_ISL_721189|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-BBA662/2020|2020-11-20|EPI_ISL_702446|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E0E9A/2020|2020-09-20|EPI_ISL_580940|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2417/2020|2020-06-03|EPI_ISL_514820|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Netherlands/GR-RIVM-20834/2020|2020-12-15|EPI_ISL_790889|Original|hCoV-19^^Groningen|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Northern Ireland/QEUA-96F0CA/2020|2020-08-18|EPI_ISL_530619|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC82B9/2020|2020-10-22|EPI_ISL_629579|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99012468/2020|2020-11-14|EPI_ISL_780092|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/South Africa/KRISP-0099/2020|2020-04-01|EPI_ISL_467463|Original|hCoV-19^^KwaZulu-Natal|Human|AMPATH-DBN|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMC-B99DA0/2020|2020-11-15|EPI_ISL_673506|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B4017F/2020|2020-11-08|EPI_ISL_657268|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-100333/2020|2020-03-18|EPI_ISL_575011|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-A7C3FD/2020|2020-10-15|EPI_ISL_606580|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC18034/2020|2020-12-31|EPI_ISL_779642|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Beck|Australia

>Spike|hCoV-19/England/ALDP-8DB75C/2020|2020-06-25|EPI_ISL_557067|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-A00974/2020|2020-09-30|EPI_ISL_600298|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2515/2020|2020-12-30|EPI_ISL_779347|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Denmark/DCGC-3013/2020|2020-08-24|EPI_ISL_616791|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/QLD1056/2020|2020-09-09|EPI_ISL_576141|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/EXET-1391DD/2020|2020-00-00|EPI_ISL_664148|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/ID-UW-2174/2020|2020-03-23|EPI_ISL_426061|Original|hCoV-19^^Idaho|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/OXON-AE2FF/2020|2020-00-00|EPI_ISL_448681|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/201790471/2020|2020-04-24|EPI_ISL_527257|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Miah|United Kingdom

>Spike|hCoV-19/England/MILK-99D588/2020|2020-08-30|EPI_ISL_549858|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/NA_264/2020|2020-03-30|EPI_ISL_422575|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Scotland/EDB2720/2020|2020-03-27|EPI_ISL_489018|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-107387/2020|2020-03-30|EPI_ISL_585141|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200240/2020|2020-04-14|EPI_ISL_578460|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Luxembourg/LNS3113282/2020|2020-11-14|EPI_ISL_740249|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Netherlands/OV-EMC-123/2020|2020-11-19|EPI_ISL_763163|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/TX-HMH-4987/2020|2020-06-22|EPI_ISL_544438|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-995368/2020|2020-08-24|EPI_ISL_552434|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-1115/2020|2020-03-21|EPI_ISL_571811|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMB-84A06/2020|2020-03-10|EPI_ISL_440543|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2260/2020|2020-05-12|EPI_ISL_510598|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/USA/UT-UPHL-2012762917/2020|2020-08-17|EPI_ISL_746054|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-A6E358/2020|2020-10-15|EPI_ISL_607222|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-28BF1D/2020|2020-05-10|EPI_ISL_457316|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3422/2020|2020-06-14|EPI_ISL_544180|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Africa/KRISP-K003519/2020|2020-09-26|EPI_ISL_602838|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMB-7B8DB/2020|2020-04-05|EPI_ISL_442117|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Oman/205033209/2020|2020-05-03|EPI_ISL_458128|Original|hCoV-19^^Muscat|Human|Oman National Influenza Centre|Department of Microbiology and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/USA/WA-UW-47378/2020|2020-12-14|EPI_ISL_776667|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/NORW-E9911/2020|2020-04-29|EPI_ISL_461837|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3861/2020|2020-07-01|EPI_ISL_636248|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/VA-DCLS-2129/2020|2020-10-28|EPI_ISL_677154|Original|hCoV-19^^Virginia|Human|Virginia Division of Consolidated Laboratory Services|Virginia Division of Consolidated Laboratory Services|St. Jacques|USA

>Spike|hCoV-19/Belgium/reg-10191285/2020|2020-10-19|EPI_ISL_735192|Original|hCoV-19^^Bierbeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/VIC785/2020|2020-03-30|EPI_ISL_427060|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/England/CAMC-AEBOE3/2020|2020-10-25|EPI_ISL_633105|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/ZH-ETHZ-100803/2020|2020-03-25|EPI_ISL_451753|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Ireland/OY-NVRL-MPS84145/2020|2020-04-11|EPI_ISL_767825|Original|hCoV-19^^Offaly|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/USA/NY-NYCPHL-001439/2020|2020-11-23|EPI_ISL_683804|Original|hCoV-19^^New York|Human|DOHMH Morrisania|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/Peru/LIM-INS-147/2020|2020-03-14|EPI_ISL_536542|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/Denmark/DCGC-1639/2020|2020-04-06|EPI_ISL_619151|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Saudi Arabia/KAUST-MADINAH605/2020|2020-05-06|EPI_ISL_513170|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/UT-UPHL-2012015753/2020|2020-08-17|EPI_ISL_746309|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/New Zealand/20VR1941/2020|2020-04-04|EPI_ISL_456317|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Denmark/DCGC-18281/2020|2020-12-07|EPI_ISL_749860|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-1694F9/2020|2020-04-01|EPI_ISL_499451|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-AD33D6/2020|2020-10-26|EPI_ISL_634044|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14438/2020|2020-10-08|EPI_ISL_787723|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-A3F4F3/2020|2020-10-06|EPI_ISL_609716|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9540/2020|2020-11-09|EPI_ISL_669029|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LIVE-DBAF1A/2020|2020-11-13|EPI_ISL_664643|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WI-UW-518/2020|2020-06-24|EPI_ISL_484893|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Spain/MD-IBV-005287/2020|2020-03-15|EPI_ISL_510173|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-8464E/2020|2020-04-27|EPI_ISL_438744|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0406/2020|2020-06-22|EPI_ISL_495531|Original|hCoV-19^^KwaZulu-Natal|Human|NHL-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/OXON-B3D8D/2020|2020-04-21|EPI_ISL_534912|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/ALDP-CB363B/2020|2020-12-20|EPI_ISL_761281|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-1159/2020|2020-03-16|EPI_ISL_614668|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Lithuania/MR-LUHS-Eilnr238326/2020|2020-12-22|EPI_ISL_770529|Original|hCoV-19^^Kauno apskritis|Human|Lithuanian University of Health Sciences Hospital|Lithuanian University of Health Sciences|Zemaitis|Lithuania

>Spike|hCoV-19/USA/CA-CZB-3338/2020|2020-07-13|EPI_ISL_548300|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Switzerland/BS-42395137/2020|2020-08-14|EPI_ISL_581954|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/CA-CZB-11920/2020|2020-10-04|EPI_ISL_625602|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Canada/ON-PHL-3350/2020|2020-03-00|EPI_ISL_418366|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratories|Public Health Ontario Laboratories|Eshaghi|Canada

>Spike|hCoV-19/England/LIVE-DB4F10/2020|2020-10-22|EPI_ISL_650381|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/MILK-ACE66C/2020|2020-10-21|EPI_ISL_629631|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02232/2020|2020-04-14|EPI_ISL_436929|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/QEUH-9F469B/2020|2020-09-27|EPI_ISL_600735|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12B7EB/2020|2020-05-20|EPI_ISL_487591|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0419532/2020|2020-04-19|EPI_ISL_734625|Original|hCoV-19^^Tournai|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/ALAB-SSI474/2020|2020-03-25|EPI_ISL_429554|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/EXET-13F31D/2020|2020-12-16|EPI_ISL_763535|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19411/2020|2020-12-07|EPI_ISL_748932|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4210/2020|2020-07-00|EPI_ISL_692448|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-08485/2020|2020-05-20|EPI_ISL_524254|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NC-QDX-202/2020|2020-04-30|EPI_ISL_494530|Original|hCoV-19^^North Carolina|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Portugal/PT1750/2020|2020-11-11|EPI_ISL_731987|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Australia/VIC8550/2020|2020-08-18|EPI_ISL_565087|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/TX-HMH-MCoV-12744/2020|2020-08-29|EPI_ISL_790501|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Switzerland/BS-42204745/2020|2020-03-24|EPI_ISL_581729|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Denmark/DCGC-2637/2020|2020-08-17|EPI_ISL_616516|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A2D416/2020|2020-10-06|EPI_ISL_586588|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-02699/2020|2020-04-27|EPI_ISL_522266|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WA-S1590/2020|2020-05-26|EPI_ISL_496016|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Oman/205039772/2020|2020-05-29|EPI_ISL_492007|Original|hCoV-19^^Muscat|Human|Oman-NIC|Department of Microbiology and Immunology-SQUH|AL Zadjali|Oman

>Spike|hCoV-19/Wales/PHWC-2415E/2020|2020-03-16|EPI_ISL_418149|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-1356/2020|2020-04-00|EPI_ISL_684964|Original|hCoV-19^^Japan|Human|Saitama Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-982085/2020|2020-08-09|EPI_ISL_552748|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Costa Rica/INC-0041/2020|2020-03-20|EPI_ISL_491452|Original|hCoV-19^^Alajuela|Human|Hospital San Rafael de Alajuela|Inciensa|Brenes Porras|Costa Rica

>Spike|hCoV-19/England/NORW-F6568/2020|2020-11-30|EPI_ISL_706368|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9436E8/2020|2020-08-02|EPI_ISL_532572|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uganda/UG015/2020|2020-04-27|EPI_ISL_451197|Original|hCoV-19^^Uganda|Human|Uganda Virus Research Institute|MRC/UVRI & LSHTM Uganda\00a0Research Unit|Cotten|Uganda

>Spike|hCoV-19/England/NORW-E7500/2020|2020-05-04|EPI_ISL_449044|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/PG-8686/2020|2020-09-00|EPI_ISL_686282|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A87061/2020|2020-10-17|EPI_ISL_605958|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3333/2020|2020-07-10|EPI_ISL_548272|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Portugal/PT0543/2020|2020-04-08|EPI_ISL_454267|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Wales/PHWC-35A6E/2020|2020-04-24|EPI_ISL_474518|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-AF5286/2020|2020-10-30|EPI_ISL_676471|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20005/2020|2020-12-07|EPI_ISL_747923|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BABAB3/2020|2020-11-18|EPI_ISL_720557|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-95E1E9/2020|2020-08-10|EPI_ISL_534432|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-9753/2020|2020-06-03|EPI_ISL_672165|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMC-B34DA7/2020|2020-11-05|EPI_ISL_659488|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-497547/2020|2020-11-30|EPI_ISL_726845|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Scotland/EDB5159/2020|2020-05-17|EPI_ISL_456981|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/ALDP-6DA986/2020|2020-06-30|EPI_ISL_556101|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC7795/2020|2020-08-05|EPI_ISL_564663|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-9E720/2020|2020-04-10|EPI_ISL_453326|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMB-1B4125/2020|2020-06-01|EPI_ISL_473459|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/QEUA-AACD9C/2020|2020-10-20|EPI_ISL_652915|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-0926/2020|2020-04-00|EPI_ISL_684536|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-72564/2020|2020-03-21|EPI_ISL_439938|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00227457/2020|2020-03-18|EPI_ISL_535861|Original|hCoV-19^^Quebec|Human|H\u00f4pital Pierre-Le Gardeur|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/England/MILK-B8C3EA/2020|2020-11-13|EPI_ISL_674378|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B9128/2020|2020-09-07|EPI_ISL_549776|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1312/2020|2020-12-11|EPI_ISL_778978|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/CAMC-B532A3/2020|2020-11-08|EPI_ISL_657404|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA085B/2020|2020-10-22|EPI_ISL_624990|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1500/2020|2020-04-07|EPI_ISL_542757|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-4748/2020|2020-09-14|EPI_ISL_622187|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-5094/2020|2020-09-21|EPI_ISL_621632|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC20682/2020|2020-05-15|EPI_ISL_471706|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-493174/2020|2020-11-28|EPI_ISL_725846|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-B74691/2020|2020-11-12|EPI_ISL_662227|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B25037/2020|2020-11-04|EPI_ISL_646549|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-675EA/2020|2020-10-29|EPI_ISL_651619|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS9462606/2020|2020-11-09|EPI_ISL_744920|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/India/DL-IGIB11305766/2020|2020-08-00|EPI_ISL_751276|Original|hCoV-19^^Delhi|Human|Devki Devi Foundation|CSIR-IGIB/Max|Pandey|India

>Spike|hCoV-19/England/SHEF-10CFD6D/2020|2020-12-21|EPI_ISL_763514|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Sweden/20-52687/2020|2020-08-17|EPI_ISL_648193|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk mikrobiologi SAS Borås|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Australia/SAP389/2020|2020-03-22|EPI_ISL_492154|Original|hCoV-19^^South Australia|Human|SA Pathology|SA Pathology|Leong|Australia

>Spike|hCoV-19/England/CAMC-B51612/2020|2020-11-08|EPI_ISL_657759|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B08F88/2020|2020-10-29|EPI_ISL_673037|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001076/2020|2020-10-15|EPI_ISL_633077|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/SHEF-10C611F/2020|2020-12-21|EPI_ISL_765151|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Luxembourg/LNS7459401/2020|2020-11-03|EPI_ISL_744572|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Singapore/889/2020|2020-09-03|EPI_ISL_536430|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Denmark/DCGC-14632/2020|2020-11-23|EPI_ISL_711881|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B2153C/2020|2020-11-02|EPI_ISL_647548|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC-BCCDC-7320/2020|2020-11-00|EPI_ISL_740683|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Prystajacky|Canada

>Spike|hCoV-19/England/QEUA-AD2C63/2020|2020-10-26|EPI_ISL_634136|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB75A5/2020|2020-10-21|EPI_ISL_623266|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CHLA-PLM52453720/2020|2020-11-30|EPI_ISL_753439|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/England/20138063104/2020|2020-03-26|EPI_ISL_423318|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-C15FB4/2020|2020-12-06|EPI_ISL_709446|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-94D5D2/2020|2020-06-18|EPI_ISL_555044|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6986/2020|2020-10-12|EPI_ISL_619832|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-4819/2020|2020-07-00|EPI_ISL_689943|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-16018/2020|2020-11-23|EPI_ISL_714538|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/ID-QDX-1082/2020|2020-03-19|EPI_ISL_571825|Original|hCoV-19^^Idaho|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/MILK-515944/2020|2020-06-11|EPI_ISL_558921|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036683197/2020|2020-10-29|EPI_ISL_650106|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/ALDP-CECCDD/2020|2020-12-20|EPI_ISL_781201|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-99008577/2020|2020-09-21|EPI_ISL_654117|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Germany/NW-HHU-479/2020|2020-12-06|EPI_ISL_770713|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Malaysia/3479/2020|2020-03-30|EPI_ISL_501204|Original|hCoV-19^^Kuala Lumpur|Human|Department of Medical Microbiology|Department of Medical Microbiology|Chan|Malaysia

>Spike|hCoV-19/Canada/ON-PHL-20-02457/2020|2020-09-00|EPI_ISL_671598|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/PORT-2D1DC3/2020|2020-04-03|EPI_ISL_499280|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NV-NSPHL-A0082/2020|2020-04-13|EPI_ISL_515359|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/India/DL-60907-CSIR-IGIB/2020|2020-08-06|EPI_ISL_636779|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/BRIS-12FD03/2020|2020-04-08|EPI_ISL_492517|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ireland/LK-NVRL-MPW54586/2020|2020-05-20|EPI_ISL_767811|Original|hCoV-19^^Limerick|Human|National Virus Reference Laboratory|Irish Coronavirus Sequencing Consortium - Teagasc Moorepark|Walsh|Ireland

>Spike|hCoV-19/England/ALDP-A686DD/2020|2020-10-12|EPI_ISL_630381|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-8926/2020|2020-08-00|EPI_ISL_686472|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB048/2020|2020-03-17|EPI_ISL_425852|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Australia/VIC5195/2020|2020-00-00|EPI_ISL_519960|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/SH-ChVir20744/2020|2020-11-19|EPI_ISL_729681|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/England/MILK-B051FE/2020|2020-10-24|EPI_ISL_638546|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/20169023204/2020|2020-04-18|EPI_ISL_465218|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14586/2020|2020-11-16|EPI_ISL_739275|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Denmark/DCGC-22211/2020|2020-12-14|EPI_ISL_758616|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/PORT-2D5D83/2020|2020-12-19|EPI_ISL_765144|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WI-GMF-18031/2020|2020-08-31|EPI_ISL_547752|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Denmark/DCGC-2717/2020|2020-08-17|EPI_ISL_616450|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B639F6/2020|2020-11-09|EPI_ISL_656410|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17269/2020|2020-12-14|EPI_ISL_750868|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-8279/2020|2020-08-00|EPI_ISL_687378|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-3670C/2020|2020-05-01|EPI_ISL_474703|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_65034/2020|2020-03-04|EPI_ISL_415585|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/England/MILK-A45A25/2020|2020-10-06|EPI_ISL_598700|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2100036501/2020|2020-11-24|EPI_ISL_771344|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/Scotland/CVR1498/2020|2020-04-02|EPI_ISL_433602|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Iceland/532/2020|2020-03-28|EPI_ISL_424552|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/USA/AZ-TG486481/2020|2020-07-08|EPI_ISL_695085|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/England/MILK-A4624A/2020|2020-09-29|EPI_ISL_709947|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-3247/2020|2020-03-28|EPI_ISL_491011|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Denmark/DCGC-19916/2020|2020-12-07|EPI_ISL_747865|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/IL-NM-0960/2020|2020-05-27|EPI_ISL_626486|Original|hCoV-19^^Illinois|Human|Northwestern Memorial Hospital|Ozer Lab|Ozer|USA

>Spike|hCoV-19/USA/LA-EVTL154/2020|2020-04-01|EPI_ISL_455997|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/UT-UPHL-2012933851/2020|2020-08-13|EPI_ISL_745989|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUAH-9642DE/2020|2020-08-12|EPI_ISL_536877|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-1309DE/2020|2020-03-13|EPI_ISL_492719|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2D30A/2020|2020-10-06|EPI_ISL_586793|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-B67C62/2020|2020-11-11|EPI_ISL_661362|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-1537/2020|2020-08-07|EPI_ISL_581532|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Australia/VIC1409/2020|2020-04-16|EPI_ISL_456428|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/EXET-13AD32/2020|2020-11-11|EPI_ISL_665093|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4931ED/2020|2020-11-28|EPI_ISL_725853|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-9038DF/2020|2020-06-24|EPI_ISL_552983|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5435/2020|2020-09-14|EPI_ISL_615367|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-7A7B1/2020|2020-04-03|EPI_ISL_441242|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4977/2020|2020-09-14|EPI_ISL_622748|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1110/2020|2020-05-01|EPI_ISL_470790|Original|hCoV-19^^Minnesota|Human|M Health Fairview|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-6D5DE9/2020|2020-07-02|EPI_ISL_556078|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2187/2020|2020-08-06|EPI_ISL_667140|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/MILK-9D3CBE/2020|2020-09-18|EPI_ISL_601782|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Ecuador/ZZ-SARS-1/2020|2020-03-23|EPI_ISL_681702|Original|hCoV-19^^Quito|Human|Zurita & Zurita Laboratorios|Zurita & Zurita Laboratorios|Sevillano|Ecuador

>Spike|hCoV-19/England/ALDP-B46601/2020|2020-11-07|EPI_ISL_656277|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-10381/2020|2020-06-04|EPI_ISL_501088|Original|hCoV-19^^Washington|Human|University of Washington Virology Lab|University of Washington Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/QEUA-A01357/2020|2020-10-02|EPI_ISL_595802|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13203/2020|2020-11-30|EPI_ISL_712649|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-15915/2020|2020-07-10|EPI_ISL_785599|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B99CEF/2020|2020-11-15|EPI_ISL_673340|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/India/WB-IICB-006/2020|2020-09-10|EPI_ISL_578080|Original|hCoV-19^^West Bengal|Human|CSIR-Indian Institute of Chemical Biology|CSIR-Indian Institute of Chemical Biology|Bhowmik|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-15310/2020|2020-10-21|EPI_ISL_786794|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-16335/2020|2020-11-16|EPI_ISL_714709|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/PG-6066/2020|2020-07-00|EPI_ISL_689178|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Norway/3027/2020|2020-08-05|EPI_ISL_549057|Original|hCoV-19^^Oslo|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/Canada/ON-S710/2020|2020-04-00|EPI_ISL_591144|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/USA/CA-QDX-1986/2020|2020-03-18|EPI_ISL_604297|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/LIVE-A1FE6/2020|2020-05-18|EPI_ISL_490372|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/QEUH-C5B85D/2020|2020-12-14|EPI_ISL_735920|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1175/2020|2020-03-23|EPI_ISL_511721|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Denmark/DCGC-5853/2020|2020-09-28|EPI_ISL_621040|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Spain/PV-IBV-001482/2020|2020-03-18|EPI_ISL_467178|Original|hCoV-19^^Basque Country|Human|Hospital Universitario Araba. Vitoria-Gasteiz|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Japan/PG-8248/2020|2020-08-00|EPI_ISL_687347|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMC-B07D9E/2020|2020-10-29|EPI_ISL_643396|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0504/2020|2020-04-05|EPI_ISL_480163|Original|hCoV-19^^HokurikuShinsyu|Human|Fukui Prefectural Institute of Public Health and Environmental Science|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/VA-DCLS-1867/2020|2020-09-23|EPI_ISL_614086|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/Singapore/1176/2020|2020-04-11|EPI_ISL_648104|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/Belgium/reg-0501636/2020|2020-05-01|EPI_ISL_734693|Original|hCoV-19^^Blicquy|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MN-MDH-1825/2020|2020-09-15|EPI_ISL_602960|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Peru/LIM-INS-156/2020|2020-03-20|EPI_ISL_536549|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/England/NORW-E97BD/2020|2020-04-23|EPI_ISL_448332|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-79D38/2020|2020-04-02|EPI_ISL_440615|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-A7BD87/2020|2020-10-15|EPI_ISL_607471|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SPE-RII-8542V/2020|2020-04-22|EPI_ISL_524051|Vero P1|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/NV-CDC-2-3714168/2020|2020-12-04|EPI_ISL_751557|Original|hCoV-19^^Nevada|Human|NV State Public Health Laboratory|Genomics and Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-B39425/2020|2020-11-01|EPI_ISL_658743|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Finland/2LS12G2/2020|2020-10-02|EPI_ISL_756113|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/QEUEH-9F7CA5/2020|2020-09-27|EPI_ISL_588892|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-2181/2020|2020-08-20|EPI_ISL_653334|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/BRIS-1298AE/2020|2020-03-31|EPI_ISL_458426|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/EXET-13E5EB/2020|2020-00-00|EPI_ISL_724334|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA421C/2020|2020-11-18|EPI_ISL_721079|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Bahrain/340861142/2020|2020-10-14|EPI_ISL_632252|Original|hCoV-19^^Bahrain|Human|Communicable Disease Laboratory|Communicable Disease Laboratory|Altaif|Bahrain

>Spike|hCoV-19/England/NORT-282E19/2020|2020-03-28|EPI_ISL_488517|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22131/2020|2020-12-14|EPI_ISL_758574|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0696/2020|2020-04-22|EPI_ISL_583652|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/MI-MDHHS-SC20040/2020|2020-03-19|EPI_ISL_437127|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/MILK-A457F1/2020|2020-10-06|EPI_ISL_598531|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B34A0A/2020|2020-11-05|EPI_ISL_659742|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VM20031411/2020|2020-07-08|EPI_ISL_510096|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/ALDP-A5290A/2020|2020-10-07|EPI_ISL_598034|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2009297/2020|2020-05-14|EPI_ISL_524906|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/CA-ALSR-4870/2020|2020-11-05|EPI_ISL_730189|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Denmark/DCGC-15148/2020|2020-11-23|EPI_ISL_713143|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/EDB3424/2020|2020-04-10|EPI_ISL_487826|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S769/2020|2020-04-14|EPI_ISL_449939|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/CAMC-B9A60E/2020|2020-11-15|EPI_ISL_673716|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/North Macedonia/3515/2020|2020-06-15|EPI_ISL_677707|Original|hCoV-19^^Kumanovo|Human|General Hospital - Kumanovo|Research Center for Genetic Engineering and Biotechnology \Georgi D. Efremov\u201d|Dimovski|North Macedonia

>Spike|hCoV-19/Netherlands/ZH-EMC-939/2020|2020-00-00|EPI_ISL_722491|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMC-BD16A1/2020|2020-11-28|EPI_ISL_702215|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48C651/2020|2020-11-03|EPI_ISL_666451|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A510F7/2020|2020-10-07|EPI_ISL_597946|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2960/2020|2020-09-01|EPI_ISL_635750|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-25B7D/2020|2020-03-25|EPI_ISL_422180|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL806/2020|2020-07-24|EPI_ISL_653497|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-BAA119/2020|2020-11-18|EPI_ISL_783229|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-PV09359/2020|2020-03-16|EPI_ISL_450047|Original|hCoV-19^^New York|Human|MSSS Clinical Microbiology Laboratories|MSSS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-18614/2020|2020-11-19|EPI_ISL_784962|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-B2484F/2020|2020-11-04|EPI_ISL_646924|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19501/2020|2020-12-07|EPI_ISL_748991|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Singapore/1183/2020|2020-04-12|EPI_ISL_648111|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/France/ARA-103382/2020|2020-11-09|EPI_ISL_683343|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Scotland/QEUH-BCCC10/2020|2020-11-26|EPI_ISL_710802|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1270/2020|2020-03-20|EPI_ISL_511231|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/USA/WI-GMF-28356/2020|2020-10-28|EPI_ISL_661015|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/OXON-AC8D1/2020|2020-04-05|EPI_ISL_448491|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-6543/2020|2020-08-00|EPI_ISL_687657|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-978750/2020|2020-07-31|EPI_ISL_550428|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0297/2020|2020-10-14|EPI_ISL_629077|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/England/QEUH-B3F42F/2020|2020-11-08|EPI_ISL_658558|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Tunisia/61600/2020|2020-11-23|EPI_ISL_707700|Original|hCoV-19^^Nabeul|Human|1-Laboratory of Microbiology|1-Clinical and Experimental Pharmacology Lab|Boutiba-Ben Boubaker|Tunisia

>Spike|hCoV-19/Denmark/DCGC-11828/2020|2020-10-26|EPI_ISL_671159|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Croatia/AU-S10new/2020|2020-04-09|EPI_ISL_468656|Original|hCoV-19^^Istria|Human|Institute for Public Health|Laboratory for advanced genomics|Vugrek|Croatia

>Spike|hCoV-19/England/LIVE-A3CA1/2020|2020-05-19|EPI_ISL_500021|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/BIRM-6708F/2020|2020-10-28|EPI_ISL_650995|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/England/CAMC-B3341C/2020|2020-11-05|EPI_ISL_659301|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Suriname/SR-71/2020|2020-07-09|EPI_ISL_518818|Original|hCoV-19^^Suriname|Human|Academic Hospital Paramaribo|Erasmus Medical Center|M\u00f0fcnger|Suriname

>Spike|hCoV-19/England/201360276/2020|2020-03-25|EPI_ISL_423261|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/WI-UW-1589/2020|2020-09-18|EPI_ISL_605466|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/CT-Yale-028/2020|2020-03-18|EPI_ISL_419521|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/QEUH-B9E7CB/2020|2020-11-18|EPI_ISL_719821|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0883/2020|2020-05-19|EPI_ISL_699021|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH1049/2020|2020-06-13|EPI_ISL_513080|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/TX-HMH-MCoV-14754/2020|2020-10-01|EPI_ISL_786239|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20192005804/2020|2020-05-04|EPI_ISL_526543|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Ledesma|United Kingdom

>Spike|hCoV-19/Switzerland/GR-ETHZ-250080/2020|2020-08-18|EPI_ISL_535602|Original|hCoV-19^^Graub\u00fcnden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Scotland/QEUH-C5411D/2020|2020-12-12|EPI_ISL_757054|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-499CC8/2020|2020-12-04|EPI_ISL_727429|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC2713/2020|2020-07-04|EPI_ISL_521551|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Scotland/EDB1182/2020|2020-04-08|EPI_ISL_433426|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Israel/CVL-n18352/2020|2020-06-04|EPI_ISL_516894|Original|hCoV-19^^Tel Aviv|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/MILK-B564C8/2020|2020-11-05|EPI_ISL_657688|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Italy/SAR-ASSL/2020|2020-10-19|EPI_ISL_710503|Original|hCoV-19^^Sardinia|Human|Laboratorio specialistico UOC Ematologia - Ospedale \San Francesco - ATS-ASSL Nuoro|Laboratorio specialistico UOC Ematologia - Ospedale \San Francesco - ATS-ASSL Nuoro|Piras|Italy

>Spike|hCoV-19/India/GJ-GBRC351b/2020|2020-06-18|EPI_ISL_514597|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Japan/PG-4528/2020|2020-07-00|EPI_ISL_689666|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Spain/PV-IBV-004228/2020|2020-04-05|EPI_ISL_500292|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-19715/2020|2020-12-07|EPI_ISL_749129|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-1B982B/2020|2020-11-05|EPI_ISL_664453|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-9F0310/2020|2020-09-25|EPI_ISL_580717|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B0B4FF/2020|2020-10-29|EPI_ISL_643488|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Mali/M002707/2020|2020-04-12|EPI_ISL_487461|Original|hCoV-19^^Bamako|Human|CICM-Mali|Bundeswehr Institut of Microbiology|Antwerpen|Mali

>Spike|hCoV-19/Australia/VIC9021/2020|2020-07-24|EPI_ISL_565358|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-16583D/2020|2020-05-25|EPI_ISL_490731|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC10167/2020|2020-08-26|EPI_ISL_562813|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-9A86C3/2020|2020-08-31|EPI_ISL_549414|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH134/2020|2020-07-08|EPI_ISL_755056|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Denmark/DCGC-17902/2020|2020-12-14|EPI_ISL_749194|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-993BF9/2020|2020-08-27|EPI_ISL_552272|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC106/2020|2020-03-17|EPI_ISL_419820|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Australia/VIC7563/2020|2020-00-00|EPI_ISL_564501|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Switzerland/SO-ETHZ-390227/2020|2020-11-27|EPI_ISL_721689|Original|hCoV-19^^Solothurn|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Switzerland/BS-42217061/2020|2020-04-02|EPI_ISL_581819|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/ALDP-9FDB66/2020|2020-10-01|EPI_ISL_600525|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20139009604/2020|2020-03-27|EPI_ISL_421869|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUA-B7E48E/2020|2020-11-14|EPI_ISL_668238|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-6592/2020|2020-07-00|EPI_ISL_687704|Original|hCoV-19^^Japan|Human|Niigata Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-49A0E9/2020|2020-11-30|EPI_ISL_727494|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20594/2020|2020-04-30|EPI_ISL_462676|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/USA/MN-UMGC-4/2020|2020-03-31|EPI_ISL_443255|Original|hCoV-19^^Minnesota|Human|M Health Fairview|University of Minnesota Genomics Center|Garbe|USA

>Spike|hCoV-19/England/QEUA-9F86D3/2020|2020-09-27|EPI_ISL_588887|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26791753/2020|2020-04-06|EPI_ISL_485368|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/MS-CDC-6578/2020|2020-03-23|EPI_ISL_648042|Original|hCoV-19^^Mississippi|Human|MS Public Health Laboratory|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0097/2020|2020-04-14|EPI_ISL_515373|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/England/CAMC-9422D6/2020|2020-07-23|EPI_ISL_556869|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C8DED8/2020|2020-12-15|EPI_ISL_777525|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11636/2020|2020-07-22|EPI_ISL_563440|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC15357/2020|2020-08-04|EPI_ISL_593259|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/CAMC-B9AF9A/2020|2020-11-15|EPI_ISL_673409|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/C200031974/2020|2020-00-00|EPI_ISL_636704|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/CO-CSU-D1675/2020|2020-04-02|EPI_ISL_527446|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/England/CAMB-779DC/2020|2020-03-31|EPI_ISL_439502|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/LOND-1286E9A/2020|2020-05-05|EPI_ISL_541781|Original|hCoV-19^^England|Human|Barts Health NHS Trust|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0239/2020|2020-05-17|EPI_ISL_698421|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-MCoV-15081/2020|2020-10-17|EPI_ISL_786565|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/OXON-B1806/2020|2020-04-24|EPI_ISL_479047|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/ARA-10189/2020|2020-03-17|EPI_ISL_418424|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Institut des Agents Infectieux (IAI)|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/USA/OH-ODH-SC34324/2020|2020-04-19|EPI_ISL_789103|Original|hCoV-19^^Ohio|Human|Ohio Department of Health Laboratory|Ohio Department of Health Laboratory|Holmes|USA

>Spike|hCoV-19/USA/CA-ALSR-0943-SAN/2020|2020-03-28|EPI_ISL_483427|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/BRIS-12240B/2020|2020-04-04|EPI_ISL_440657|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B362A6/2020|2020-11-05|EPI_ISL_645522|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1ACBAA/2020|2020-04-23|EPI_ISL_489554|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-001529/2020|2020-12-01|EPI_ISL_745448|Original|hCoV-19^^New York|Human|DOHMH Crown Heights|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/ALDP-CEAF5E/2020|2020-12-21|EPI_ISL_781499|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-A8662/2020|2020-03-26|EPI_ISL_517195|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2F1AE/2020|2020-04-06|EPI_ISL_446212|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-15577/2020|2020-10-26|EPI_ISL_787061|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/South Korea/KCDC2674/2020|2020-06-18|EPI_ISL_522456|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/USA/TX-HMH-8055/2020|2020-07-01|EPI_ISL_545822|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-AD1EB9/2020|2020-10-26|EPI_ISL_629824|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98004428/2020|2020-04-14|EPI_ISL_722236|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/EDB102/2020|2020-03-22|EPI_ISL_425892|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Japan/PG-0210/2020|2020-03-19|EPI_ISL_479910|Original|hCoV-19^^Kansai|Human|Himeji City Institute of Environment and Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-9A8A9/2020|2020-03-29|EPI_ISL_449371|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-392/2020|2020-11-01|EPI_ISL_718073|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00fcsseldorf-Centrum GbR \u00dcBAG f\u00fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/USA/UT-UPHL-04318_2/2020|2020-05-18|EPI_ISL_591308|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-BE912D/2020|2020-12-03|EPI_ISL_708868|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-292D37/2020|2020-05-19|EPI_ISL_489102|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUH-9F5B7D/2020|2020-09-25|EPI_ISL_588334|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-360315/2020|2020-11-06|EPI_ISL_729217|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/CAMC-B78F65/2020|2020-11-12|EPI_ISL_668061|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1323/2020|2020-05-22|EPI_ISL_648811|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/USA/CA-QDX-1875/2020|2020-03-15|EPI_ISL_604188|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-B62C0D/2020|2020-11-08|EPI_ISL_655365|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A190CE/2020|2020-10-01|EPI_ISL_612481|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10988/2020|2020-11-14|EPI_ISL_707757|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-CZB0750/2020|2020-04-03|EPI_ISL_429018|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Switzerland/ZH-ETHZ-120245/2020|2020-05-04|EPI_ISL_468304|Original|hCoV-19^^Zurich|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Iceland/353/2020|2020-03-18|EPI_ISL_424377|Original|hCoV-19^^Reykjavik|Human|deCODE genetics|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Wales/PHWC-160F2E/2020|2020-05-23|EPI_ISL_473067|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-A5B48/2020|2020-03-17|EPI_ISL_499616|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-S1248/2020|2020-05-11|EPI_ISL_495698|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/MILK-CA3E54/2020|2020-12-16|EPI_ISL_762398|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1220/2020|2020-03-27|EPI_ISL_511763|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/MILK-9E05C2/2020|2020-09-20|EPI_ISL_601278|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00759/2020|2020-09-17|EPI_ISL_682048|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/USA/NY-NYUMC81/2020|2020-03-18|EPI_ISL_421582|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-15D1F1/2020|2020-05-04|EPI_ISL_472683|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1163/2020|2020-08-19|EPI_ISL_526649|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/CAMC-9463C0/2020|2020-07-15|EPI_ISL_556662|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201126930/2020|2020-05-13|EPI_ISL_628976|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Denmark/DCGC-7689/2020|2020-10-19|EPI_ISL_618612|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/United Arab Emirates/0530/2020|2020-05-17|EPI_ISL_698692|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Hungary/UD-8157/2020|2020-04-14|EPI_ISL_476077|Original|hCoV-19^^Heves County|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/MA-MASPHL-00457/2020|2020-04-30|EPI_ISL_693105|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Brazil/RS-00608/2020|2020-11-24|EPI_ISL_770560|Original|hCoV-19^^Rio Grande do Sul|Human|Laborat\u00f3rio de Microbiologia Molecular - Universidade FEEVALE|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/Japan/PG-8646/2020|2020-09-00|EPI_ISL_686242|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Finland/9LS11AA9/2020|2020-10-09|EPI_ISL_755943|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/India/TG-CCMB-L1728/2020|2020-05-30|EPI_ISL_471628|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/Australia/VIC15028/2020|2020-07-29|EPI_ISL_593111|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/GJ-GBRC112/2020|2020-05-02|EPI_ISL_451157|Original|hCoV-19^^Gujarat|Human|Government Medical College|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/WY-WPHL-20063053/2020|2020-08-18|EPI_ISL_766878|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/USA/CO-CDPHE-2004230012/2020|2020-04-21|EPI_ISL_677255|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/MI-UM-10033851156/2020|2020-04-04|EPI_ISL_578139|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/England/NORW-F099F/2020|2020-10-09|EPI_ISL_584744|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Japan/Donner60/2020|2020-07-16|EPI_ISL_644964|Original|hCoV-19^^Kanto|Human|Department of Infectious Diseases|Center for Medical Genetics|Kosaki|Japan

>Spike|hCoV-19/Netherlands/LI-EMC-112/2020|2020-11-05|EPI_ISL_722726|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-9F8336/2020|2020-09-27|EPI_ISL_588878|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-AAF722/2020|2020-10-23|EPI_ISL_631008|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20083/2020|2020-03-26|EPI_ISL_437170|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-C58BFD/2020|2020-12-14|EPI_ISL_735899|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-11661-01/2020|2020-03-08|EPI_ISL_529034|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Plitnick|USA

>Spike|hCoV-19/England/ALDP-B5CFA3/2020|2020-11-09|EPI_ISL_655726|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-261032-01/2020|2020-11-02|EPI_ISL_754510|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Brazil/PE-IAM171/2020|2020-04-09|EPI_ISL_500867|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/England/ALDP-9387E3/2020|2020-06-21|EPI_ISL_551360|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-22990/2020|2020-08-10|EPI_ISL_570743|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/MILK-A0648C/2020|2020-09-30|EPI_ISL_600062|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9E3091/2020|2020-09-21|EPI_ISL_581251|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-C3D639/2020|2020-12-10|EPI_ISL_730786|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-270065/2020|2020-09-02|EPI_ISL_541474|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/20124003804/2020|2020-03-17|EPI_ISL_465775|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LOND-D6A50/2020|2020-04-23|EPI_ISL_461764|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Japan/PG-6739/2020|2020-08-00|EPI_ISL_687849|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-10301/2020|2020-07-08|EPI_ISL_789116|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-10E739/2020|2020-03-24|EPI_ISL_425586|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/ALDP-92CAE9/2020|2020-06-21|EPI_ISL_552969|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482B98/2020|2020-10-21|EPI_ISL_613270|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2021/2020|2020-02-18|EPI_ISL_471426|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Belgium/ULG-10666/2020|2020-10-26|EPI_ISL_636642|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Palestine/82/2020|2020-07-05|EPI_ISL_596557|Original|hCoV-19^^Hebron|Human|Palestinian Ministry of Health|Molecular Genetics Lab|van Dorp|Palestine

>Spike|hCoV-19/Spain/IB-IBV-99011579/2020|2020-12-08|EPI_ISL_779904|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/EXET-135BD3/2020|2020-03-25|EPI_ISL_457144|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-023/2020|2020-04-14|EPI_ISL_436527|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/ALDP-94B3AD/2020|2020-06-11|EPI_ISL_555828|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-22232/2020|2020-12-14|EPI_ISL_757941|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Germany/BY-MVP-0186/2020|2020-04-13|EPI_ISL_466879|Original|hCoV-19^^Bavaria|Human|Max von Pettenkofer Institute|Laboratory for Functional Genome Analysis|Graf|Germany

>Spike|hCoV-19/Belgium/reg-0414478/2020|2020-04-14|EPI_ISL_476988|Original|hCoV-19^^Tervuren|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-9352/2020|2020-11-16|EPI_ISL_668923|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Korea/KCDC2363/2020|2020-05-30|EPI_ISL_514766|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Bangladesh/DNAS_DRCIM_isl_Sik-bip 1/2020|2020-06-30|EPI_ISL_774936|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/USA/NY-NYUMC161/2020|2020-04-01|EPI_ISL_424968|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-324AF/2020|2020-04-12|EPI_ISL_446651|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/USA/GA-QDX-2443/2020|2020-03-13|EPI_ISL_604778|Original|hCoV-19^^Georgia|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-21663/2020|2020-12-21|EPI_ISL_758295|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-A5904A/2020|2020-10-09|EPI_ISL_597053|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97007955/2020|2020-10-07|EPI_ISL_654529|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-16B1E1/2020|2020-09-14|EPI_ISL_560259|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/ON-PHL-20-03799/2020|2020-11-00|EPI_ISL_775060|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Wales/PHWC-4872BC/2020|2020-10-29|EPI_ISL_639179|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42180429/2020|2020-03-07|EPI_ISL_527952|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/TX-HMH-6162/2020|2020-07-07|EPI_ISL_547282|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Ireland/TA-NVRL-73IRL43192/2020|2020-09-09|EPI_ISL_596905|Original|hCoV-19^^Tipperary|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/MILK-BFF6F8/2020|2020-12-02|EPI_ISL_720799|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S996/2020|2020-04-28|EPI_ISL_463486|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12892/2020|2020-08-19|EPI_ISL_788044|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/GCVR-17209F/2020|2020-03-31|EPI_ISL_469998|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-169C5B/2020|2020-08-15|EPI_ISL_517609|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00232042/2020|2020-03-19|EPI_ISL_535970|Original|hCoV-19^^Quebec|Human|CSSS de la Minganie|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Netherlands/ZH-EMC-251/2020|2020-00-00|EPI_ISL_523593|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Panama/336440/2020|2020-04-05|EPI_ISL_496850|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/Australia/VIC7012/2020|2020-07-24|EPI_ISL_564197|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/South Africa/R03006/2020|2020-03-07|EPI_ISL_417186|Original|hCoV-19^^KwaZulu-Natal|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/Australia/VIC4745/2020|2020-07-16|EPI_ISL_519133|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/NSW145/2020|2020-03-21|EPI_ISL_427708|Original|hCoV-19^^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/Denmark/DCGC-19525/2020|2020-12-07|EPI_ISL_749007|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-NYCPHL-001380/2020|2020-11-17|EPI_ISL_683989|Original|hCoV-19^^New York|Human|DOHMH Chelsea|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/QEUH-B436AA/2020|2020-11-08|EPI_ISL_657143|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1712/2020|2020-09-30|EPI_ISL_613845|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-2617/2020|2020-08-17|EPI_ISL_617854|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1212/2020|2020-05-21|EPI_ISL_477301|Original|hCoV-19^^Minnesota|Human|Mayo Clinic & Mayo Clinic Laboratories|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/England/ALDP-B74FE1/2020|2020-11-12|EPI_ISL_662138|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW2021/2020|2020-03-20|EPI_ISL_500604|Original|hCoV-19^^New South Wales|Human|Area of Virology|Area of Virology|Bull|Australia

>Spike|hCoV-19/USA/TX-HMH-5286/2020|2020-06-21|EPI_ISL_544655|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-2727/2020|2020-06-07|EPI_ISL_545509|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Indonesia/JK-EIJK31/2020|2020-04-22|EPI_ISL_766043|Original|hCoV-19^^Jakarta|Human|RS Pelni|Eijkman Institute for Molecular Biology|Soebandrio|Indonesia

>Spike|hCoV-19/England/QEUH-A61E54/2020|2020-10-12|EPI_ISL_628653|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Japan/PG-3203/2020|2020-04-00|EPI_ISL_691323|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-SEARCH-5566/2020|2020-11-25|EPI_ISL_755298|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/204661389/2020|2020-11-11|EPI_ISL_686576|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004300/2020|2020-04-09|EPI_ISL_510415|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Georgia/Tb/2020|2020-03-13|EPI_ISL_416482|Original|hCoV-19^^Tbilisi|Human|R. G. Lugar Center for Public Health Research|R. G. Lugar Center for Public Health Research|Murtskhvaladze|Georgia

>Spike|hCoV-19/Canada/NB_261/2020|2020-04-05|EPI_ISL_481752|Original|hCoV-19^^New Brunswick|Human|Dr. Georges-L.-Dumont University Hospital Centre|National Microbiology Laboratory|Grudeski|Canada

>Spike|hCoV-19/USA/TX-DSHS-0093/2020|2020-05-24|EPI_ISL_522377|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUEH-A9ED7F/2020|2020-10-20|EPI_ISL_611415|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3380/2020|2020-04-00|EPI_ISL_691495|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AZ-TG547333/2020|2020-07-06|EPI_ISL_695484|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/USA/CA-ALSR-4530/2020|2020-10-21|EPI_ISL_666990|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-C3CA01/2020|2020-12-09|EPI_ISL_731705|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-75BE7/2020|2020-03-28|EPI_ISL_438371|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-9C84F0/2020|2020-09-11|EPI_ISL_567129|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-95E538/2020|2020-08-10|EPI_ISL_537098|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/MA-CADIUMAG-38/2020|2020-05-28|EPI_ISL_681684|Original|hCoV-19^^Magallanes|Human|Molecular Medicine Laboratory|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

>Spike|hCoV-19/Denmark/DCGC-2919/2020|2020-08-17|EPI_ISL_616554|Original|hCoV-19^^NA|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/DE-DHSS-F1020820/2020|2020-10-29|EPI_ISL_708410|Original|hCoV-19^^Delaware|Human|Delaware Public Health Lab|Delaware Public Health Lab|Bajwa|USA

>Spike|hCoV-19/England/NORW-F0382/2020|2020-10-16|EPI_ISL_627583|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/LOND-D406F/2020|2020-04-04|EPI_ISL_444089|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/QEUEH-A1DA71/2020|2020-09-29|EPI_ISL_587393|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/1482/2020|2020-12-20|EPI_ISL_754097|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-47CF3B/2020|2020-10-09|EPI_ISL_586072|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10230/2020|2020-05-16|EPI_ISL_498136|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/FL-UF-36/2020|2020-10-06|EPI_ISL_666622|Original|hCoV-19^^Florida|Human|Environmental and Global Health|Environmental and Global Health|Elbadry|USA

>Spike|hCoV-19/England/QEUEH-9DB0E7/2020|2020-09-21|EPI_ISL_580865|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A2FD37/2020|2020-10-06|EPI_ISL_586998|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-UCLA-213/2020|2020-05-26|EPI_ISL_537520|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/Norway/6735/2020|2020-12-05|EPI_ISL_775409|Original|hCoV-19^^Vestland|Human|Haukeland University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/England/QEUEH-A4B1FD/2020|2020-10-05|EPI_ISL_637820|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/India/UP-MW24/2020|2020-05-17|EPI_ISL_508428|Original|hCoV-19^^Uttar Pradesh|Human|Mahatma Gandhi Institute of Medical Sciences|National Institute of Biomedical Genomics|Maitra|India

>Spike|hCoV-19/England/QEUEH-9C8117/2020|2020-09-11|EPI_ISL_567194|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-F7CEA/2020|2020-11-13|EPI_ISL_650454|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Singapore/1096/2020|2020-10-14|EPI_ISL_596486|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Australia/VIC3635/2020|2020-07-08|EPI_ISL_520375|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Thailand/Samut Songkhram-0942/2020|2020-03-00|EPI_ISL_489991|Vero P2|hCoV-19^^Samut Songkhram|Human|National Institute of Health|National Institute of Health|Phuygun|Thailand

>Spike|hCoV-19/England/NORT-2847D0/2020|2020-03-24|EPI_ISL_478569|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2343CC/2020|2020-10-15|EPI_ISL_680380|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/20100077906/2020|2020-03-01|EPI_ISL_415139|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7300/2020|2020-06-29|EPI_ISL_546657|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/AZ-TG395929/2020|2020-06-08|EPI_ISL_694765|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Wales/PHWC-16CAF4/2020|2020-09-24|EPI_ISL_574135|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/United Arab Emirates/0598/2020|2020-05-15|EPI_ISL_698756|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Brazil/SP-L39-CD1027/2020|2020-05-12|EPI_ISL_722007|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital das Cl\u00ednicas Universidade de S\u00e3o Paulo Medical School|Laborat\u00f3rio de Parasitologia M\u00e9dica - Instituto de Medicina Tropical - Universidade de S\u00e3o Paulo|de Jesus|Brazil

>Spike|hCoV-19/Scotland/CVR804/2020|2020-03-27|EPI_ISL_433345|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0130/2020|2020-07-08|EPI_ISL_524895|Original|hCoV-19^^Maryland|Human|MD PHL|MD PHL|Keller|USA

>Spike|hCoV-19/England/LIVE-A5D15/2020|2020-03-17|EPI_ISL_499574|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/India/TG-NGC-CDFD-15/2020|2020-05-27|EPI_ISL_466853|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Denmark/DCGC-20373/2020|2020-12-21|EPI_ISL_758707|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-ABB082/2020|2020-10-21|EPI_ISL_623231|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17068/2020|2020-12-14|EPI_ISL_750220|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B51515/2020|2020-11-08|EPI_ISL_657801|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AB797C/2020|2020-10-21|EPI_ISL_623734|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B044BA/2020|2020-10-21|EPI_ISL_651016|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/USA/VA-DCLS-0347/2020|2020-05-08|EPI_ISL_463114|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/TX-DSHS-0077/2020|2020-05-09|EPI_ISL_522362|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/England/QEUA-A9F7BC/2020|2020-10-19|EPI_ISL_665986|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26674727/2020|2020-04-10|EPI_ISL_485253|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/UT-UPHL-2012551252/2020|2020-08-14|EPI_ISL_746171|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR4524/2020|2020-09-22|EPI_ISL_585384|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow / MRC-University of Glasgow Centre for Virus Research|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17312/2020|2020-12-14|EPI_ISL_750897|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-UW-22436/2020|2020-08-06|EPI_ISL_570687|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Hungary/UD-57884/2020|2020-09-02|EPI_ISL_671434|Original|hCoV-19^^Hajd\|u00fa-Bihar county|Human|University of Debrecen|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/USA/TX-QDX-191/2020|2020-04-29|EPI_ISL_494546|Original|hCoV-19^^Texas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Sweden/20-51598/2020|2020-05-19|EPI_ISL_469067|Original|hCoV-19^^Stockholm|Human|Kungsholmsdoktorn|The Public Health Agency of Sweden|Svartstr\|u00f6m|Sweden

>Spike|hCoV-19/USA/NY-Wadsworth-247525-01/2020|2020-10-17|EPI_ISL_734356|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Brazil/SP-170/2020|2020-03-31|EPI_ISL_523969|Original|hCoV-19^^S\|u00e3o Paulo|Human|Hospital Sao Paulo de Ensino da Unifesp|Instituto Adolfo Lutz|Sacchi|Brazil

>Spike|hCoV-19/USA/NY-Wadsworth-285002-01/2020|2020-12-08|EPI_ISL_754469|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Spain/MD-IBV-99012344/2020|2020-11-20|EPI_ISL_779993|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\|u00f1\|u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/mink/Netherlands/NB-EMC-25-11/2020|2020-07-26|EPI_ISL_523083|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/SHEF-C0F3C/2020|2020-06-14|EPI_ISL_479196|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/India/GJ-GBRC46/2020|2020-04-29|EPI_ISL_444477|Original|hCoV-19^^Gujarat|Human|B.J. Medical College and Civil hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/USA/PA-MGEL77/2020|2020-03-28|EPI_ISL_454363|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genome Sequencing Center|Mustapha|USA

>Spike|hCoV-19/Hong Kong/HKPU32_0402/2020|2020-02-09|EPI_ISL_417193|Original|hCoV-19^^Hong Kong|Human|Department of Clinical Pathology|Department of Health Technology and Informatics|Leung|China

>Spike|hCoV-19/England/QEUEH-B7F8CD/2020|2020-11-14|EPI_ISL_674499|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1272/2020|2020-03-31|EPI_ISL_648224|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/WA-UW-21562/2020|2020-08-03|EPI_ISL_570988|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/England/SHEF-10B2802/2020|2020-04-27|EPI_ISL_537283|Original|hCoV-19^^England|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-C14A1E/2020|2020-12-06|EPI_ISL_709557|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/NSW1389/2020|2020-12-30|EPI_ISL_779399|Original|hCoV-19^^New South Wales|Human|South Eastern Area Laboratory Services (SEALS)|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/England/ALDP-9DA464/2020|2020-09-18|EPI_ISL_576875|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-05430/2020|2020-06-02|EPI_ISL_560879|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Japan/PG-0951/2020|2020-04-00|EPI_ISL_684561|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-MCoV-11322/2020|2020-09-03|EPI_ISL_789764|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A6E491/2020|2020-10-15|EPI_ISL_607751|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A67B8/2020|2020-12-17|EPI_ISL_763410|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/France/GES-8783/2020|2020-03-22|EPI_ISL_560625|Original|hCoV-19^^Grand-Est|Human|Hospital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/USA/UT-04127/2020|2020-05-13|EPI_ISL_487251|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/South Africa/KRISP-K000612/2020|2020-07-01|EPI_ISL_509264|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Netherlands/NB-EMC-454/2020|2020-07-14|EPI_ISL_722803|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Hong Kong/VB20209003/2020|2020-10-06|EPI_ISL_760045|Original|hCoV-19^^Hong Kong|Human|Hong Kong Department of Health|School of Public Health|Chu|China

>Spike|hCoV-19/USA/WI-UW-1216/2020|2020-08-19|EPI_ISL_536589|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Russia/SVE-RII-MH1441S/2020|2020-09-06|EPI_ISL_596276|Original|hCoV-19^^Sverdlovsk|Human|HELIX LCC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/LOND-12F0D25/2020|2020-11-28|EPI_ISL_679618|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/MILK-A47A14/2020|2020-10-06|EPI_ISL_598314|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/France/CVL-8289/2020|2020-03-28|EPI_ISL_560578|Original|hCoV-19^^Centre-Val de Loire|Human|h\u00f4pital|National Reference Center for Viruses of Respiratory Infections|Enouf|France

>Spike|hCoV-19/Malaysia/IMR-WI200/2020|2020-10-08|EPI_ISL_718311|VerohCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/Luxembourg/LNS5751796/2020|2020-11-26|EPI_ISL_744293|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Saudi Arabia/KAUST-Makkah179/2020|2020-04-06|EPI_ISL_437702|Original|hCoV-19^^Makkah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/TX-DSHS-0946/2020|2020-07-06|EPI_ISL_602244|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Netherlands/NH-RIVM-20009/2020|2020-11-21|EPI_ISL_723208|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/QEUEH-C34025/2020|2020-12-11|EPI_ISL_734158|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC562/2020|2020-03-30|EPI_ISL_444679|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-22282/2020|2020-12-14|EPI_ISL_758654|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS9388233/2020|2020-10-16|EPI_ISL_744899|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/IL-QDX-686/2020|2020-03-18|EPI_ISL_571435|Original|hCoV-19^^Illinois|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/CAMC-C71F89/2020|2020-12-15|EPI_ISL_769066|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-240045/2020|2020-08-12|EPI_ISL_523887|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-B9E50D/2020|2020-11-18|EPI_ISL_721004|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1697/2020|2020-05-17|EPI_ISL_456584|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/NY-Wadsworth-249841-01/2020|2020-10-20|EPI_ISL_734377|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Canada/ON-A11/2020|2020-11-24|EPI_ISL_755714|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Wales/PHWC-49BBF6/2020|2020-12-06|EPI_ISL_742444|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8951/2020|2020-10-26|EPI_ISL_626200|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Ireland/MN-NVRL-20IRL50683/2020|2020-09-29|EPI_ISL_639898|Original|hCoV-19^^Monaghan|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/England/ALDP-AC5DAC/2020|2020-10-14|EPI_ISL_631150|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7808/2020|2020-07-00|EPI_ISL_686910|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20536/2020|2020-12-21|EPI_ISL_758894|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/NOTT-10E335/2020|2020-03-21|EPI_ISL_425530|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4802A4/2020|2020-10-08|EPI_ISL_612870|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-C34429/2020|2020-12-10|EPI_ISL_734097|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9485/2020|2020-11-09|EPI_ISL_668995|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WA-S132/2020|2020-03-13|EPI_ISL_430169|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Australia/VIC2155/2020|2020-06-16|EPI_ISL_480767|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-10000/2020|2020-11-09|EPI_ISL_669323|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-2958/2020|2020-06-08|EPI_ISL_543892|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-06242/2020|2020-04-22|EPI_ISL_493123|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Butz|USA

>Spike|hCoV-19/USA/TX-HMH-6774/2020|2020-06-25|EPI_ISL_546235|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/MILK-A4764D/2020|2020-10-05|EPI_ISL_598266|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AE972/2020|2020-00-00|EPI_ISL_448738|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/New Zealand/20VR3008/2020|2020-00-00|EPI_ISL_579380|Original|hCoV-19^^Combined Wellington|Human|Wellington SCL (WN)|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/USA/CA-CZB-14634/2020|2020-11-16|EPI_ISL_739345|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/India/TG-NGC-CDFD-34/2020|2020-05-30|EPI_ISL_466872|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/England/CAMB-74D1F/2020|2020-03-16|EPI_ISL_425368|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/USA/OR-OHSU-2535/2020|2020-08-19|EPI_ISL_667241|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15894/2020|2020-07-10|EPI_ISL_785578|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUH-B68B37/2020|2020-11-11|EPI_ISL_654970|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB1568/2020|2020-04-12|EPI_ISL_433084|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20984/2020|2020-06-10|EPI_ISL_507771|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Wales/PHWC-165BDA/2020|2020-06-21|EPI_ISL_490778|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19155/2020|2020-12-07|EPI_ISL_748784|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-ALSR-0980-SAN/2020|2020-03-31|EPI_ISL_483439|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Wales/PHWC-292CF/2020|2020-04-02|EPI_ISL_445504|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH333/2020|2020-04-24|EPI_ISL_513127|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/Japan/PG-6731/2020|2020-08-00|EPI_ISL_687842|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-OHSU-0366/2020|2020-05-29|EPI_ISL_509118|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/USA/WI-GMF-07392/2020|2020-06-22|EPI_ISL_489918|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/VIC16853/2020|2020-08-16|EPI_ISL_663606|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/MA-MGH-03043/2020|2020-08-01|EPI_ISL_765691|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Wales/PHWC-314EC/2020|2020-04-12|EPI_ISL_446454|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_10533/2020|2020-10-29|EPI_ISL_737029|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/England/CAMB-82947/2020|2020-04-21|EPI_ISL_438640|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Japan/PG-8149/2020|2020-09-00|EPI_ISL_687248|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-9E582E/2020|2020-09-24|EPI_ISL_589278|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1713/2020|2020-04-00|EPI_ISL_685319|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Australia/VIC4491/2020|2020-07-16|EPI_ISL_518902|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/India/WB-NCDC-02252/2020|2020-03-28|EPI_ISL_435097|Original|hCoV-19^^West Bengal|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/England/20162005104/2020|2020-04-13|EPI_ISL_466396|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5014/2020|2020-09-14|EPI_ISL_621818|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-21320/2020|2020-12-21|EPI_ISL_759674|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Belgium/ULG-10154/2020|2020-04-18|EPI_ISL_447150|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/India/TG-CDFD-C2910/2020|2020-06-19|EPI_ISL_528586|Original|hCoV-19^^Telangana|Human|National Genomics Core-Center for DNA Fingerprinting and Diagnostics|National Genomics Core-Center for DNA Fingerprinting and Diagnostics (NGC-CDFD)- DBT's PAN-INDIA-1000 Genome consortium|Vashisht|India

>Spike|hCoV-19/Norway/4907/2020|2020-10-24|EPI_ISL_668429|Original|hCoV-19^^Nordland|Human|Nordland Hospital - Bodo|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/England/201361041/2020|2020-03-26|EPI_ISL_421792|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-14710/2020|2020-10-12|EPI_ISL_787995|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A93FDE/2020|2020-10-19|EPI_ISL_611199|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-QDX-1023/2020|2020-03-15|EPI_ISL_571749|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Denmark/DCGC-21250/2020|2020-12-21|EPI_ISL_759091|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-2672D/2020|2020-03-27|EPI_ISL_422027|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/BRIS-1238B3/2020|2020-04-06|EPI_ISL_442718|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Wales/PHWC-164740/2020|2020-05-25|EPI_ISL_479304|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-C477FD/2020|2020-12-10|EPI_ISL_718688|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR2639/2020|2020-04-17|EPI_ISL_484625|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-BB1425/2020|2020-11-18|EPI_ISL_720024|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11106/2020|2020-08-12|EPI_ISL_563251|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/AR-IBV-2430/2020|2020-03-28|EPI_ISL_468843|Original|hCoV-19^^Aragon|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-10631/2020|2020-11-02|EPI_ISL_670104|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/ALDP-BCAB24/2020|2020-11-23|EPI_ISL_710751|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BC3EC8/2020|2020-11-24|EPI_ISL_703410|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-124BB9/2020|2020-03-25|EPI_ISL_443950|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Scotland/EDB6050/2020|2020-05-08|EPI_ISL_487981|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Malaysia/IMR-WI120/2020|2020-08-16|EPI_ISL_718276|Original|hCoV-19^^Malaysia|Human|Institute for Medical Research|Institute for Medical Research|Suppiah|Malaysia

>Spike|hCoV-19/England/BRIS-12609A/2020|2020-04-09|EPI_ISL_459085|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CO-CDPHE-2009170297/2020|2020-09-16|EPI_ISL_710254|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/England/QEUEH-95F8D4/2020|2020-08-05|EPI_ISL_532442|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20CV0285/2020|2020-03-25|EPI_ISL_579075|Original|hCoV-19^^Taranaki|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-AA45C9/2020|2020-10-21|EPI_ISL_624344|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4924E5/2020|2020-11-17|EPI_ISL_706852|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_20722019/2020|2020-03-00|EPI_ISL_462779|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/USA/TX-HMH-MCoV-15651/2020|2020-07-09|EPI_ISL_785335|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-S868/2020|2020-04-00|EPI_ISL_591250|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/South Africa/KRISP-0137/2020|2020-05-14|EPI_ISL_467489|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/Denmark/DCGC-15923/2020|2020-11-23|EPI_ISL_714118|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-84F16/2020|2020-03-12|EPI_ISL_440452|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/ALDP-94BBB4/2020|2020-06-14|EPI_ISL_555784|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6E90BC/2020|2020-06-30|EPI_ISL_557668|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-14408/2020|2020-11-30|EPI_ISL_711750|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-03506/2020|2020-11-24|EPI_ISL_765865|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/Scotland/QEUEH-96E1AA/2020|2020-08-18|EPI_ISL_534502|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2495/2020|2020-06-17|EPI_ISL_497127|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Netherlands/ZH-EMC-310/2020|2020-05-23|EPI_ISL_523652|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/QEUEH-B2EB79/2020|2020-11-04|EPI_ISL_659957|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B24557/2020|2020-11-04|EPI_ISL_647093|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12E6CD/2020|2020-04-21|EPI_ISL_488255|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-502E4B/2020|2020-06-25|EPI_ISL_559152|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/QLD1191/2020|2020-03-28|EPI_ISL_639782|Original|hCoV-19^^Australia|Human|unknown|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/NORT-2814EB/2020|2020-03-16|EPI_ISL_488750|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-2004/2020|2020-04-00|EPI_ISL_685609|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Scotland/EDB111/2020|2020-03-22|EPI_ISL_425899|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/20139023604/2020|2020-03-27|EPI_ISL_421888|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11254/2020|2020-09-04|EPI_ISL_789750|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20112112106/2020|2020-03-10|EPI_ISL_417314|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Norway/CS-23/2020|2020-05-04|EPI_ISL_666603|Original|hCoV-19^^Viken|Human|Dept. of Microbiology and Infection Control|Dept. of Microbiology and Infection Control|Hesselberg L\u00f8vestad|Norway

>Spike|hCoV-19/Chile/AT-CMM-00064/2020|2020-05-01|EPI_ISL_468759|Original|hCoV-19^^Atacama|Human|Laboratorio de Biologia Molecular|Center for Mathematical Modeling and Center for Genome Regulation. Santiago|Palma V\u00e9jares|Chile

>Spike|hCoV-19/Netherlands/LI-EMC-117/2020|2020-11-07|EPI_ISL_722738|Original|hCoV-19^^Limburg|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/NORW-F654A/2020|2020-11-30|EPI_ISL_704850|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-9916AF/2020|2020-08-27|EPI_ISL_552173|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1499/2020|2020-06-22|EPI_ISL_683414|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-15149/2020|2020-10-16|EPI_ISL_786633|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-DCCD39/2020|2020-12-11|EPI_ISL_724525|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/WA-UW-11350/2020|2020-06-22|EPI_ISL_570400|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/WI-WSLH-200199/2020|2020-03-16|EPI_ISL_578422|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/United Arab Emirates/0064/2020|2020-05-19|EPI_ISL_698272|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/England/ALDP-B5BED4/2020|2020-11-10|EPI_ISL_655837|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/MD-IBV-97010070/2020|2020-03-18|EPI_ISL_779746|Original|hCoV-19^^Madrid|Human|IdISSC/Hospital Cl\u00e9nico San Carlos de Madrid\u200b|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/England/CAMB-1ABF27/2020|2020-04-26|EPI_ISL_444348|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9638/2020|2020-11-09|EPI_ISL_668481|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/New Zealand/20VR2063/2020|2020-04-04|EPI_ISL_456355|Original|hCoV-19^^Canterbury|Human|Canterbury Health Laboratories|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Wales/PHWC-16873D/2020|2020-05-20|EPI_ISL_494279|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CDPH034/2020|2020-06-19|EPI_ISL_515925|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/Australia/VIC2819/2020|2020-07-02|EPI_ISL_521650|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/BIRM-66080/2020|2020-10-07|EPI_ISL_594616|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-310355/2020|2020-10-07|EPI_ISL_603429|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-B5B0A1/2020|2020-11-09|EPI_ISL_655465|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20109/2020|2020-03-25|EPI_ISL_436885|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-BCA975/2020|2020-11-23|EPI_ISL_703543|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/KU-010/2020|2020-05-17|EPI_ISL_495420|Original|hCoV-19^^Kars Province|Human|Kafkas University|Kafkas University|Karamese|Turkey

>Spike|hCoV-19/Wales/PHWC-4A58E3/2020|2020-12-16|EPI_ISL_764937|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/BIRM-60DE9/2020|2020-07-14|EPI_ISL_529592|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Japan/PG-6271/2020|2020-08-00|EPI_ISL_689382|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/UT-QDX-2669/2020|2020-03-12|EPI_ISL_604987|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Netherlands/NA_403/2020|2020-03-27|EPI_ISL_455205|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/LA-EVTL053/2020|2020-04-27|EPI_ISL_451214|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/WI-UW-1761/2020|2020-09-18|EPI_ISL_605634|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/MILK-617EAC/2020|2020-07-06|EPI_ISL_557786|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17425/2020|2020-12-14|EPI_ISL_750972|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/MILK-BB0DEF/2020|2020-11-18|EPI_ISL_720656|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2F5E3F/2020|2020-10-08|EPI_ISL_613302|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/WA-S1059/2020|2020-04-28|EPI_ISL_463549|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/Japan/IC-0425/2020|2020-11-00|EPI_ISL_768634|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Costa Rica/INC-0162/2020|2020-10-13|EPI_ISL_769987|Original|hCoV-19^^Heredia|Human|Laboratorio Clinico Labin|Inciensa|Soto-Garita|Costa Rica

>Spike|hCoV-19/England/ALDP-C3DDF8/2020|2020-12-10|EPI_ISL_731814|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C5F7/2020|2020-12-10|EPI_ISL_742580|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-3838/2020|2020-06-11|EPI_ISL_636235|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/CA-CZB-10225/2020|2020-05-16|EPI_ISL_672264|Original|hCoV-19^^California|Human|The Ashley Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/CAMB-7417D/2020|2020-03-20|EPI_ISL_440366|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Finland/18LS10AC5/2020|2020-10-18|EPI_ISL_756285|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/England/NORW-E994E/2020|2020-04-23|EPI_ISL_448344|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/NORW-E72BE/2020|2020-04-20|EPI_ISL_449018|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Australia/VIC146/2020|2020-03-17|EPI_ISL_419843|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Victorian Infectious Diseases Reference Laboratory and Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-14173/2020|2020-11-30|EPI_ISL_711064|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-9BDB26/2020|2020-09-10|EPI_ISL_568054|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-B10B01/2020|2020-11-02|EPI_ISL_649598|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9DD3BF/2020|2020-09-22|EPI_ISL_599546|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-4463/2020|2020-07-00|EPI_ISL_692686|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Hong Kong/VM20003446/2020|2020-03-15|EPI_ISL_463311|Original|hCoV-19^^Hong Kong|Human|Queen Elizabeth Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/USA/CA-ALSR-4425/2020|2020-10-26|EPI_ISL_649020|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/QEUA-A48E17/2020|2020-10-08|EPI_ISL_595927|Original|hCoV-19^^Scotland|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012000183/2020|2020-08-13|EPI_ISL_745893|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Scotland/CVR4666/2020|2020-09-28|EPI_ISL_612303|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-04906/2020|2020-05-26|EPI_ISL_575197|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/LA-EVTL1455/2020|2020-12-17|EPI_ISL_779121|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-28961/2020|2020-03-30|EPI_ISL_431946|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9B7E6F/2020|2020-09-06|EPI_ISL_590565|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-6E0E24/2020|2020-07-01|EPI_ISL_557704|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9829C6/2020|2020-08-10|EPI_ISL_552449|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-494AB4/2020|2020-11-17|EPI_ISL_726213|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC8515/2020|2020-07-28|EPI_ISL_565066|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUA-B66823/2020|2020-11-10|EPI_ISL_655202|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A526D6/2020|2020-10-07|EPI_ISL_598042|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-5E6B6/2020|2020-03-22|EPI_ISL_444299|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-360006/2020|2020-11-12|EPI_ISL_693866|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Portugal/PT0107/2020|2020-03-21|EPI_ISL_453823|Original|hCoV-19^^Portugal|Human|unknown|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Spain/CT-IBV-005573/2020|2020-04-22|EPI_ISL_508685|Original|hCoV-19^^Catalunya|Human|Departamento de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Australia/VIC8124/2020|2020-08-15|EPI_ISL_564863|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-CHLA-PLM59547698/2020|2020-11-30|EPI_ISL_753523|Original|hCoV-19^^California|Human|Clinical virology Laboratory|Center for Personalized Medicine|Dien Bard|USA

>Spike|hCoV-19/Wales/PHWC-483229/2020|2020-10-22|EPI_ISL_627296|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-9DAFBE/2020|2020-09-22|EPI_ISL_580928|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035685395/2020|2020-08-27|EPI_ISL_583272|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/NY-PV09420/2020|2020-03-13|EPI_ISL_450099|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Scotland/CVR4869/2020|2020-10-04|EPI_ISL_650519|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1406/2020|2020-12-11|EPI_ISL_779072|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/USA/AZ-TG618054/2020|2020-07-20|EPI_ISL_695694|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/C200042027/2020|2020-11-02|EPI_ISL_649796|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/CAMC-CB7716/2020|2020-12-19|EPI_ISL_777847|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16B363/2020|2020-09-09|EPI_ISL_560278|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-23471B/2020|2020-10-14|EPI_ISL_680428|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-13424/2020|2020-08-24|EPI_ISL_788560|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Spain/IB-IBV-99010820/2020|2020-08-01|EPI_ISL_691638|Original|hCoV-19^^Balear Islands|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/USA/CA-CZB-3995/2020|2020-07-29|EPI_ISL_548598|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14918/2020|2020-10-15|EPI_ISL_786402|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/QC_BB6/2020|2020-04-11|EPI_ISL_515243|Original|hCoV-19^^Quebec|Human|Laboratoire de microbiologie|Smith Laboratory|Smith|Canada

>Spike|hCoV-19/Japan/PG-4942/2020|2020-07-00|EPI_ISL_690061|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/QEUH-A4CF98/2020|2020-10-03|EPI_ISL_596073|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1464/2020|2020-06-22|EPI_ISL_676623|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Netherlands/NA_48/2020|2020-03-09|EPI_ISL_422809|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-20924/2020|2020-12-21|EPI_ISL_759450|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-794B54/2020|2020-07-15|EPI_ISL_533224|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6FB5F/2020|2020-10-15|EPI_ISL_607051|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-15C927/2020|2020-03-26|EPI_ISL_472557|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-9297/2020|2020-07-03|EPI_ISL_781046|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-GMF-19492/2020|2020-09-09|EPI_ISL_547814|Original|hCoV-19^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/NSW23/2020|2020-03-04|EPI_ISL_427650|Original|hCoV-19^New South Wales|Human|Centre for Infectious Diseases and Microbiology Public Health|NSW Health Pathology - Institute of Clinical Pathology and Medical Research; Westmead Hospital; University of Sydney|Gall|Australia

>Spike|hCoV-19/United Arab Emirates/0968/2020|2020-06-29|EPI_ISL_699104|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/United Arab Emirates/0050/2020|2020-05-18|EPI_ISL_698258|Original|hCoV-19^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/Germany/SH-ChVir9989/2020|2020-11-03|EPI_ISL_729660|Original|hCoV-19^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehlemann|Germany

>Spike|hCoV-19/Russia/MOS-CRIE-4974299/2020|2020-07-15|EPI_ISL_660434|Original|hCoV-19^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology

>|Samoilov|Russia

>Spike|hCoV-19/Wales/PHWC-35C95/2020|2020-04-27|EPI_ISL_474551|Original|hCoV-19^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-867/2020|2020-07-09|EPI_ISL_509870|Original|hCoV-19^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Luxembourg/LNS0497696/2020|2020-10-31|EPI_ISL_739791|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/CAMC-B98F6F/2020|2020-11-15|EPI_ISL_673270|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR2494/2020|2020-00-00|EPI_ISL_579251|Original|hCoV-19^Auckland|Human|LabPLUS|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/LIVE-9A5B1/2020|2020-03-25|EPI_ISL_449350|Original|hCoV-19^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-6570D7/2020|2020-07-03|EPI_ISL_558097|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B51CA7/2020|2020-11-09|EPI_ISL_658178|Original|hCoV-19^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19769/2020|2020-11-29|EPI_ISL_784110|Original|hCoV-19^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUA-A1F013/2020|2020-09-29|EPI_ISL_587325|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2191/2020|2020-05-26|EPI_ISL_513740|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-2018/2020|2020-04-00|EPI_ISL_685623|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/GR-ETHZ-100838/2020|2020-03-25|EPI_ISL_451786|Original|hCoV-19^^Graubunden|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-9B81CF/2020|2020-09-04|EPI_ISL_590570|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00650/2020|2020-04-02|EPI_ISL_460254|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/QEUA-B6978D/2020|2020-11-11|EPI_ISL_661435|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR4400/2020|2020-09-22|EPI_ISL_585274|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2627/2020|2020-07-11|EPI_ISL_635595|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-4AAC1F/2020|2020-06-11|EPI_ISL_559593|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16961/2020|2020-12-14|EPI_ISL_750668|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-GMF-23113/2020|2020-09-29|EPI_ISL_660866|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/QEUA-AD0D80/2020|2020-10-25|EPI_ISL_633788|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUA-AF4D95/2020|2020-10-30|EPI_ISL_676485|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A4547/2020|2020-12-16|EPI_ISL_763753|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3025/2020|2020-05-30|EPI_ISL_543943|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-2386/2020|2020-03-00|EPI_ISL_685991|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/AK-PHL1812/2020|2020-07-21|EPI_ISL_528504|Original|hCoV-19^^Alaska|Human|Alaska State Virology Laboratory|Alaska State Virology Laboratory|Drown|USA

>Spike|hCoV-19/England/210100358/2021|2021-01-04|EPI_ISL_791242|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Netherlands/NB-EMC-315/2020|2020-10-10|EPI_ISL_632667|Original|hCoV-19^^Noord Brabant|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Bosnia and Herzegovina/01-Livno/2020|2020-05-27|EPI_ISL_462753|Original|hCoV-19^^Livno|Human|University Clinical Hospital of Mostar|University of Sarajevo Veterinary Faculty|Goletic|Bosnia and Herzegovina

>Spike|hCoV-19/USA/TX-HMH-MCoV-10251/2020|2020-07-07|EPI_ISL_789391|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/CA-QDX-922/2020|2020-03-23|EPI_ISL_571578|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-9ED2BF/2020|2020-05-05|EPI_ISL_589314|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/TI-ETHZ-100075/2020|2020-03-12|EPI_ISL_451668|Original|hCoV-19^^Ticino|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Russia/MO-RII-MH3571S/2020|2020-10-13|EPI_ISL_733154|Original|hCoV-19^^Mordovia|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Singapore/14/2020|2020-02-13|EPI_ISL_414380|Vero P1|hCoV-19^^Singapore|Human|National Centre for Infectious Diseases|Programme in Emerging Infectious Diseases|Smith|Singapore

>Spike|hCoV-19/England/BRIS-12193A/2020|2020-03-16|EPI_ISL_440220|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Russia/SCPM-O-05/2020|2020-03-21|EPI_ISL_451967|Original|hCoV-19^^Moscow|Human|Federal Budget Institution of Science|Federal Budget Institution of Science|Bogun|Russia

>Spike|hCoV-19/Denmark/DCGC-1589/2020|2020-04-13|EPI_ISL_618633|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/UT-08378/2020|2020-05-26|EPI_ISL_524161|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/NY-NYUMC617/2020|2020-04-02|EPI_ISL_444734|Original|hCoV-19^^New York|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Wales/PHWC-276A7/2020|2020-03-31|EPI_ISL_432007|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/NORW-F9D5E/2020|2020-12-14|EPI_ISL_741596|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMC-B342F3/2020|2020-11-05|EPI_ISL_659592|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-AA07C7/2020|2020-10-22|EPI_ISL_624033|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT1688/2020|2020-11-11|EPI_ISL_732155|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-B83F94/2020|2020-11-14|EPI_ISL_674182|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-BA1B7E/2020|2020-11-18|EPI_ISL_719857|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-1589/2020|2020-04-00|EPI_ISL_685195|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-49056C/2020|2020-11-06|EPI_ISL_703868|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2745/2020|2020-07-18|EPI_ISL_522524|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/ALDP-A508A5/2020|2020-10-07|EPI_ISL_597682|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9BEBAD/2020|2020-09-10|EPI_ISL_567926|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B883C0/2020|2020-11-13|EPI_ISL_674262|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15938/2020|2020-11-30|EPI_ISL_739027|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/WI-UW-471/2020|2020-06-17|EPI_ISL_484846|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Wales/PHWC-48896B/2020|2020-11-01|EPI_ISL_639448|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0206/2020|2020-04-13|EPI_ISL_480857|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-21392/2020|2020-12-21|EPI_ISL_758141|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-DC304/2020|2020-08-13|EPI_ISL_627466|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-105C33/2020|2020-05-27|EPI_ISL_488875|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/HGRC-2-2162/2020|2020-03-26|EPI_ISL_437512|unknown|hCoV-19^^Iran|Human|Human Genetic Research Center|Human Genetic Research Center|Submitter|Iran

>Spike|hCoV-19/England/BRIS-121DE3/2020|2020-03-21|EPI_ISL_440008|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/CAMC-B334B2/2020|2020-11-05|EPI_ISL_659202|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-485F6C/2020|2020-10-25|EPI_ISL_628295|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2669/2020|2020-05-29|EPI_ISL_522451|Original|hCoV-19^^South Korea|Human|Center for Laboratory Control of Infectious Diseases|Center for Laboratory Control of Infectious Diseases|Kim|South Korea

>Spike|hCoV-19/Denmark/DCGC-7001/2020|2020-10-12|EPI_ISL_619848|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-24507/2020|2020-03-18|EPI_ISL_419422|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A7BBAB/2020|2020-10-15|EPI_ISL_607489|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00579/2020|2020-03-28|EPI_ISL_460192|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/France/PAC-IHU-0222/2020|2020-03-28|EPI_ISL_569386|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u2019Azur|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Germany/NW-HHU-299/2020|2020-10-02|EPI_ISL_778844|Original|hCoV-19^^North Rhine-Westphalia|Human|ZOTZ KLIMAS MVZ D\u00f0fcsseldorf-Centrum GbR \u00dcBAG f\u00f0fcr Labormedizin|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/France/PAC-SC249/2020|2020-05-07|EPI_ISL_641534|Original|hCoV-19^^Provence-Alpes-Cote-d\u2019Azur|Human|CHU de Nice - H\u00f0pital Archet 16|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/QEUH-AADE4D/2020|2020-10-22|EPI_ISL_651478|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUH-B12E9D/2020|2020-11-02|EPI_ISL_642739|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20173/2020|2020-03-17|EPI_ISL_436889|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUH-B6AD6C/2020|2020-11-11|EPI_ISL_662543|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-48CEC2/2020|2020-11-05|EPI_ISL_666552|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1686F4/2020|2020-05-21|EPI_ISL_494275|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3059/2020|2020-06-04|EPI_ISL_543965|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NORT-1B71312/2020|2020-11-14|EPI_ISL_706307|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-177/2020|2020-03-26|EPI_ISL_602499|Original|hCoV-19^^North Rhine-Westphalia|Human|Institute for Virology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/South Africa/KRISP-K002230/2020|2020-07-21|EPI_ISL_515626|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/ALDP-B5C3B6/2020|2020-11-10|EPI_ISL_655789|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9733/2020|2020-11-09|EPI_ISL_669134|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/OR-OHSU-0983/2020|2020-07-06|EPI_ISL_525942|Original|hCoV-19^^Oregon|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/England/203740645/2020|2020-08-27|EPI_ISL_539880|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-8024/2020|2020-07-01|EPI_ISL_545797|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/20156049204/2020|2020-04-08|EPI_ISL_466332|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20865/2020|2020-12-21|EPI_ISL_758963|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-16807E/2020|2020-06-06|EPI_ISL_494195|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/MILK-9E2038/2020|2020-09-20|EPI_ISL_581243|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Norway/6476/2020|2020-11-18|EPI_ISL_775499|Original|hCoV-19^^Vestfold og Telemark|Human|Vestfold Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Japan/PG-5821/2020|2020-08-00|EPI_ISL_688938|Original|hCoV-19^^Japan|Human|Fukuoka Institute of Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CA-ALSR-2828/2020|2020-07-20|EPI_ISL_635700|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/ALDP-B85985/2020|2020-11-14|EPI_ISL_675740|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-481E81/2020|2020-10-16|EPI_ISL_613182|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/AZ-TG648731/2020|2020-04-10|EPI_ISL_695915|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Northern Ireland/NIRE-232FE8/2020|2020-09-27|EPI_ISL_680243|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/England/MILK-9588EA/2020|2020-06-15|EPI_ISL_554789|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-201124725/2020|2020-04-20|EPI_ISL_623209|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Italy/UMB-IZSUM-48682-13/2020|2020-10-19|EPI_ISL_763323|Original|hCoV-19^^Umbria|Human|Istituto Zooprofilattico Sperimentale dell' Umbria e delle Marche - Togo Rosati|Istituto Superiore di Sanit\u00e0|De Sabato|Italy

>Spike|hCoV-19/England/QEUH-C32ED2/2020|2020-12-11|EPI_ISL_734033|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AE7E1/2020|2020-00-00|EPI_ISL_448721|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/NJ-NYUMC84/2020|2020-03-18|EPI_ISL_421585|Original|hCoV-19^^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-18195/2020|2020-12-14|EPI_ISL_749377|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMB-82E93/2020|2020-04-12|EPI_ISL_443356|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Czech Republic/NRL_4038/2020|2020-03-18|EPI_ISL_530347|Original|hCoV-19^^Zlin|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/USA/TX-HMH-MCoV-15997/2020|2020-07-10|EPI_ISL_785681|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/NOTT-121719/2020|2020-12-18|EPI_ISL_741650|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/MILK-9F1E87/2020|2020-09-24|EPI_ISL_589637|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8A80/2020|2020-10-29|EPI_ISL_651676|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI-671/2020|2020-03-27|EPI_ISL_437031|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/ALDP-C3B7FC/2020|2020-12-11|EPI_ISL_731023|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/SC-DHEC-1092/2020|2020-07-10|EPI_ISL_541668|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores|USA

>Spike|hCoV-19/USA/TX-HMH075/2020|2020-03-19|EPI_ISL_434784|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-2980/2020|2020-03-27|EPI_ISL_486066|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Japan/PG-3852/2020|2020-07-00|EPI_ISL_692103|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Guangdong/GDFS2020054-P0005/2020|2020-02-10|EPI_ISL_413850|Original|hCoV-19^^Guangdong|Human|Guangdong Provincial Institution of Public Health|Guangdong Provincial Institution of Public Health|Lu|China

>Spike|hCoV-19/Latvia/178/2020|2020-09-30|EPI_ISL_639675|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Peru/LIM-INS-121/2020|2020-05-04|EPI_ISL_536519|Original|hCoV-19^^Lima|Human|Instituto Nacional de Salud|Laboratorio de Infecciones Respiratorias Agudas|Lopez|Peru

>Spike|hCoV-19/Wales/PHWC-4A49C3/2020|2020-12-09|EPI_ISL_763760|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-281404-01/2020|2020-10-30|EPI_ISL_734470|Original|hCoV-19^^New York|Human|Masonic Medical Research Institute|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Czech Republic/NRL-8631/2020|2020-09-04|EPI_ISL_568577|Original|hCoV-19^^Prague|Human|The National Institute of Public Health|State Veterinary Institute Prague|Nagy|Czech Republic

>Spike|hCoV-19/Saudi Arabia/85715/2020|2020-03-15|EPI_ISL_469244|Original|hCoV-19^^Jeddah|Human|Special Infectious Agents Unit|Special Infectious Agents Unit|Submitter|Saudi Arabia

>Spike|hCoV-19/USA/SC-20-1415-T10/2020|2020-07-03|EPI_ISL_516763|Original|hCoV-19^^South Carolina|Human|van Bakel Laboratory|van Bakel Laboratory|van Bakel|USA

>Spike|hCoV-19/England/ALDP-B74BFC/2020|2020-11-12|EPI_ISL_678986|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/LIVE-A06E2/2020|2020-05-28|EPI_ISL_472127|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-8341/2020|2020-10-26|EPI_ISL_617335|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-18398/2020|2020-12-07|EPI_ISL_749231|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/LOND-D9B1E/2020|2020-10-13|EPI_ISL_612078|Original|hCoV-19^^England|Human|University College London|COVID-19 Genomics UK (COG-UK) Consortium|Roy|United Kingdom

>Spike|hCoV-19/England/ALDP-B3F128/2020|2020-10-28|EPI_ISL_645368|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-6496/2020|2020-06-27|EPI_ISL_546037|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-12938/2020|2020-12-07|EPI_ISL_712417|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B9FEE3/2020|2020-11-18|EPI_ISL_719685|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2CFEFE/2020|2020-00-00|EPI_ISL_493624|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/MILK-ACCA17/2020|2020-10-21|EPI_ISL_629161|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A67B39/2020|2020-10-12|EPI_ISL_630353|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Iceland/280/2020|2020-03-17|EPI_ISL_417608|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/Wales/PHWC-496DD7/2020|2020-11-24|EPI_ISL_726730|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A6A468/2020|2020-10-09|EPI_ISL_627506|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7EBA7/2020|2020-11-14|EPI_ISL_668120|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21318/2020|2020-04-01|EPI_ISL_507573|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/SaudiArabia/KAUST-MADINAH860/2020|2020-05-26|EPI_ISL_513196|Original|hCoV-19^^Madinah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/USA/MN-QDX-1019/2020|2020-03-14|EPI_ISL_571745|Original|hCoV-19^^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/ALDP-A523C0/2020|2020-10-07|EPI_ISL_598137|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-UW-628/2020|2020-06-28|EPI_ISL_491323|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/South Africa/KRISP-0138/2020|2020-05-14|EPI_ISL_467490|Original|hCoV-19^^KwaZulu-Natal|Human|Molecular Diagnostics Services (MDS)|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/MILK-A6BB35/2020|2020-10-09|EPI_ISL_608843|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-1008/2020|2020-11-18|EPI_ISL_722672|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/C200043942/2020|2020-11-07|EPI_ISL_666749|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Thailand/WU5-3/2020|2020-01-31|EPI_ISL_450955|Original|hCoV-19^^Thailand|Human|Center of Excellence in Clinical Virology|Center of Excellence in Clinical Virology|Poovorawan|Thailand

>Spike|hCoV-19/USA/NE-10837/2020|2020-05-04|EPI_ISL_475188|Original|hCoV-19^^Nebraska|Human|Nebraska Public Health Laboratory|UNMC COVID-19 Response Team|Pratt|USA

>Spike|hCoV-19/England/MILK-974648/2020|2020-08-21|EPI_ISL_575908|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/CVR5971/2020|2020-11-24|EPI_ISL_703754|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/Switzerland/BS-UHB-42181327/2020|2020-03-08|EPI_ISL_527955|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Wales/PHWC-27AD8/2020|2020-03-30|EPI_ISL_432369|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUEH-9B5502/2020|2020-09-03|EPI_ISL_590410|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LOND-D7EAE/2020|2020-04-16|EPI_ISL_492496|Original|hCoV-19^^England|Human|University College London|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-990DF6/2020|2020-08-27|EPI_ISL_551883|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A352/2020|2020-11-15|EPI_ISL_673615|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-A6D887/2020|2020-10-14|EPI_ISL_607920|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200402/2020|2020-04-23|EPI_ISL_578568|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/USA/WA-S1836/2020|2020-05-27|EPI_ISL_496262|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/England/CAMC-B786E8/2020|2020-11-12|EPI_ISL_783434|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13153/2020|2020-11-30|EPI_ISL_712619|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/NY-Wadsworth-248654-01/2020|2020-10-19|EPI_ISL_754719|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/20129037304/2020|2020-03-20|EPI_ISL_424038|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-1721/2020|2020-04-17|EPI_ISL_542790|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Belgium/reg-0326873/2020|2020-03-26|EPI_ISL_734523|Original|hCoV-19^^Glimes|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/WA-S50/2020|2020-03-05|EPI_ISL_417103|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/ALDP-A52472/2020|2020-10-07|EPI_ISL_597903|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/India/UN-1617/2020|2020-03-12|EPI_ISL_421670|Original|hCoV-19^^India|Human|National Influenza Center|Indian Council of Medical Research-National Institute of Virology|Yadav|India

>Spike|hCoV-19/USA/TX-HMH-MCoV-14592/2020|2020-10-11|EPI_ISL_787877|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-20475/2020|2020-12-21|EPI_ISL_759173|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21718/2020|2020-07-13|EPI_ISL_529837|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Denmark/DCGC-2492/2020|2020-08-10|EPI_ISL_617763|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Austria/CeMM0115/2020|2020-03-18|EPI_ISL_437973|Original|hCoV-19^^Innsbruck|Human|Universitaetsklinik f\u00fcr Innere Medizin II Innsbruck|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/USA/TX-HMH-MCoV-19333/2020|2020-11-29|EPI_ISL_783769|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/France/IDF-50010DC/2020|2020-03-00|EPI_ISL_447657|Original|hCoV-19^^France|Human|H\u00f4pital Henri-Mondor Ap-Hp|H\u00f4pital Henri-Mondor Ap-Hp|Rodriguez|France

>Spike|hCoV-19/USA/MA-MGH-00811/2020|2020-04-13|EPI_ISL_791774|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Park|USA

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-2058/2020|2020-09-18|EPI_ISL_700559|Original|hCoV-19^^Western Cape|Human|Heideveld Emergency Centre|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Russia/CRIE5047362/2020|2020-07-16|EPI_ISL_534343|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Speranskaya|Russia

>Spike|hCoV-19/England/CAMB-1B147A/2020|2020-05-07|EPI_ISL_458525|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-482C86/2020|2020-10-21|EPI_ISL_613277|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/NH-RIVM-20486/2020|2020-12-06|EPI_ISL_728701|Original|hCoV-19^^Noord-Holland|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/England/MILK-B031B4/2020|2020-10-21|EPI_ISL_642970|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A7BBF6/2020|2020-10-15|EPI_ISL_607397|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7768A/2020|2020-04-01|EPI_ISL_439443|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/MILK-9A8F40/2020|2020-09-01|EPI_ISL_551234|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW275/2020|2020-03-14|EPI_ISL_418060|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/BE-ETHZ-300431/2020|2020-09-30|EPI_ISL_603386|Original|hCoV-19^^Bern|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/France/PAC-IHU-0423/2020|2020-04-02|EPI_ISL_569498|Original|hCoV-19^^Provence-Alpes-C\u00f4te-d\u00e0z|Human|MEPHI|MEPHI|Levasseur|France

>Spike|hCoV-19/Denmark/DCGC-15095/2020|2020-11-23|EPI_ISL_713627|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-49F943/2020|2020-12-09|EPI_ISL_743293|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Brazil/MA-IEC-164827/2020|2020-04-24|EPI_ISL_524788|Original|hCoV-19^^Maranh\u00e3o|Human|\uffeffEvandro Chagas Institute|\uffeffEvandro Chagas Institute|Sousa J\u00fanior|Brazil

>Spike|hCoV-19/Australia/TAS248/2020|2020-04-21|EPI_ISL_522675|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9CB8D3/2020|2020-09-16|EPI_ISL_575565|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/StPetersburg-RII11251S/2020|2020-04-30|EPI_ISL_507247|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/India/DL-NCDC5641-CSIR-IGIB/2020|2020-05-25|EPI_ISL_482605|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Singh|India

>Spike|hCoV-19/Netherlands/NA_49/2020|2020-03-09|EPI_ISL_422810|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/ALDP-AA1DB5/2020|2020-10-22|EPI_ISL_624968|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-2068/2020|2020-04-27|EPI_ISL_486311|Original|hCoV-19^^California|Human|San Joaquin County Public Health Lab|Chan-Zuckerberg Biohub|McGeever|USA

>Spike|hCoV-19/England/CAMC-A65D35/2020|2020-10-11|EPI_ISL_638445|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Australia/VIC9904/2020|2020-08-24|EPI_ISL_565774|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-A93581/2020|2020-10-19|EPI_ISL_611044|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B06281/2020|2020-10-24|EPI_ISL_643019|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/New Zealand/20VR1454/2020|2020-03-22|EPI_ISL_456220|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/TX-HMH-MCoV-9844/2020|2020-07-06|EPI_ISL_780303|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-653017/2020|2020-07-03|EPI_ISL_558228|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Singapore/284/2020|2020-04-09|EPI_ISL_462402|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Wales/PHWC-24DE1/2020|2020-03-21|EPI_ISL_420941|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-B55845/2020|2020-11-06|EPI_ISL_657441|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D541/2020|2020-12-11|EPI_ISL_742797|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMB-826F5/2020|2020-04-13|EPI_ISL_443524|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUH-5E6AA3/2020|2020-06-16|EPI_ISL_533280|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL759/2020|2020-07-20|EPI_ISL_653450|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Wales/PHWC-48B0EB/2020|2020-11-03|EPI_ISL_666193|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/TK-YE63557d/2020|2020-03-00|EPI_ISL_582137|Original|hCoV-19^^Tokyo|Human|Tokyo Metropolitan Institute of Public Health|Tokyo Metropolitan Institute of Public Health|Nagashima|Japan

>Spike|hCoV-19/USA/CA-CZB-14536/2020|2020-11-11|EPI_ISL_738672|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/CAMC-B22BA2/2020|2020-11-02|EPI_ISL_647355|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-974B67/2020|2020-08-21|EPI_ISL_552503|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2012768126/2020|2020-11-30|EPI_ISL_746466|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Gallagher|USA

>Spike|hCoV-19/USA/WI-UW-1516/2020|2020-09-14|EPI_ISL_541642|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-10784/2020|2020-07-05|EPI_ISL_789625|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/CVR5957/2020|2020-11-23|EPI_ISL_705696|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/USA/WA-UW82/2020|2020-03-10|EPI_ISL_416438|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Switzerland/BL-UHB-42197033/2020|2020-03-18|EPI_ISL_528203|Original|hCoV-19^^Basel-Land|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/USA/MA-MASPHL-00042/2020|2020-04-02|EPI_ISL_791545|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/ALDP-AA5364/2020|2020-10-21|EPI_ISL_625230|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B96E28/2020|2020-11-14|EPI_ISL_674937|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Portugal/PT0992/2020|2020-03-22|EPI_ISL_511540|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/United Arab Emirates/skmc-3890161/2020|2020-09-23|EPI_ISL_582681|Original|hCoV-19^^United Arab Emirates|Human|Sheikh Khalifa Medical City|Molecular/Surveillance lab\nSheikh Khalifa Medical City|Amirtharaj|United Arab Emirates

>Spike|hCoV-19/England/QEUA-AD40A1/2020|2020-10-26|EPI_ISL_633739|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20075/2020|2020-12-07|EPI_ISL_747966|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-2196/2020|2020-11-28|EPI_ISL_723147|Original|hCoV-19^^Minnesota|Human|Vault Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-11351/2020|2020-09-06|EPI_ISL_789776|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Canada/ON-PHL-20-01272/2020|2020-06-00|EPI_ISL_548880|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/QEUA-9CA50A/2020|2020-09-10|EPI_ISL_567496|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-BABC17/2020|2020-11-18|EPI_ISL_681386|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-93A462/2020|2020-06-21|EPI_ISL_552802|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-GBCL-26684507/2020|2020-04-10|EPI_ISL_485312|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-13350/2020|2020-08-24|EPI_ISL_788497|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4A6554/2020|2020-12-17|EPI_ISL_765047|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-9A4199/2020|2020-09-01|EPI_ISL_540215|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-99531D/2020|2020-08-24|EPI_ISL_552208|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-1943/2020|2020-07-08|EPI_ISL_512248|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Greece/55_36015/2020|2020-03-23|EPI_ISL_447834|unknown|hCoV-19^^Athens|Human|unknown|Department of Medicine|Submitter|Greece

>Spike|hCoV-19/Switzerland/VD-ETHZ-370507/2020|2020-11-17|EPI_ISL_693991|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUA-ALDE2A/2020|2020-09-29|EPI_ISL_587571|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MGH-00042/2020|2020-03-25|EPI_ISL_460105|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/India/DL-NCDC-A1-CSIR-IGIB/2020|2020-08-00|EPI_ISL_636826|Original|hCoV-19^^Delhi|Human|National Centre for Disease control (NCDC)|NCDC/CSIR-IGIB|Faruq|India

>Spike|hCoV-19/Singapore/866/2020|2020-04-28|EPI_ISL_527375|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/ALDP-905A6E/2020|2020-06-24|EPI_ISL_551446|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B689D3/2020|2020-11-11|EPI_ISL_661327|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-2986/2020|2020-08-24|EPI_ISL_616748|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-MDHHS-SC21920/2020|2020-09-26|EPI_ISL_576198|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-A51EA2/2020|2020-10-07|EPI_ISL_597994|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYCPHL-000267/2020|2020-03-16|EPI_ISL_631793|Original|hCoV-19^^New York|Human|SUNY Downstate Medical Center|New York City Public Health Laboratory|Wang|USA

>Spike|hCoV-19/England/BRIS-1852FCB/2020|2020-03-30|EPI_ISL_492259|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5124/2020|2020-09-21|EPI_ISL_621662|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/WI-UW-2588/2021|2021-01-04|EPI_ISL_791106|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/Wales/PHWC-4816C5/2020|2020-10-02|EPI_ISL_613100|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC11830/2020|2020-08-09|EPI_ISL_591869|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Germany/TH-IIMK-CaSe-4/2020|2020-04-03|EPI_ISL_728293|Original|hCoV-19^^Thuringia|Human|Jena University Hospital|Institute of infectious medicine & hospital hygiene|Brandt|Germany

>Spike|hCoV-19/England/QEUEH-A02909/2020|2020-09-29|EPI_ISL_584935|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0534/2020|2020-07-14|EPI_ISL_498077|Original|hCoV-19^^KwaZulu-Natal|Human|NHLS-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMB-79FD8/2020|2020-04-02|EPI_ISL_441238|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-1016/2020|2020-04-09|EPI_ISL_436657|Original|hCoV-19^^California|Human|County of Santa Clara Public Health Department|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/20109052206/2020|2020-03-06|EPI_ISL_417274|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/New Zealand/20VR0770/2020|2020-03-18|EPI_ISL_456168|Original|hCoV-19^^Waikato|Human|Waikato Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/USA/TX-HMH-2505/2020|2020-05-15|EPI_ISL_545343|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Luxembourg/LNS2003228/2020|2020-10-31|EPI_ISL_740036|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Australia/VIC9279/2020|2020-00-00|EPI_ISL_565481|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUEH-AE1BEC/2020|2020-10-25|EPI_ISL_633522|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-UW-4546/2020|2020-03-31|EPI_ISL_429598|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/USA/AZ-TG443359/2020|2020-06-25|EPI_ISL_694996|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|French|USA

>Spike|hCoV-19/USA/WA-OHSU-2337/2020|2020-08-11|EPI_ISL_667187|Original|hCoV-19^^Washington|Human|OHSU Lab Services Molecular Microbiology Lab|Oregon SARS-CoV-2 Genome Sequencing Center|O'Roak|USA

>Spike|hCoV-19/Denmark/DCGC-19104/2020|2020-12-07|EPI_ISL_748511|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/CAMC-B0A496/2020|2020-10-29|EPI_ISL_673067|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-ACD6D6/2020|2020-10-20|EPI_ISL_634463|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Gibraltar/204462873/2020|2020-10-29|EPI_ISL_615040|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/England/20132072203/2020|2020-03-23|EPI_ISL_420506|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/PV-IBV-004249/2020|2020-04-06|EPI_ISL_500313|Original|hCoV-19^^Basque Country|Human|Servicio de Microbiolog\u00eda. Hospital Universitario Donostia. OSI Donostialdea. \u00c1rea de Enfermedades Infecciosas|SeqCOVID-SPAIN consortium/IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/USA/MN-MDH-1762/2020|2020-04-10|EPI_ISL_590767|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Hong Kong/VM20091480/2020|2020-07-30|EPI_ISL_602615|Original|hCoV-19^^Hong Kong|Human|Pamela Youde Nethersole Eastern Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/EXET-138BFE/2020|2020-10-03|EPI_ISL_626891|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00237128/2020|2020-03-25|EPI_ISL_536165|Original|hCoV-19^^Quebec|Human|H\u00f4pital du Suro\u00eet|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/Wales/PHWC-16A953/2020|2020-09-08|EPI_ISL_560129|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC21350/2020|2020-04-01|EPI_ISL_507604|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/QEUEH-BCBA53/2020|2020-11-27|EPI_ISL_704431|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11088/2020|2020-11-02|EPI_ISL_670384|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B76CF7/2020|2020-11-12|EPI_ISL_723805|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/MILK-9D49C5/2020|2020-09-19|EPI_ISL_601616|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A5426/2020|2020-09-03|EPI_ISL_550011|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2788/2020|2020-07-24|EPI_ISL_526722|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/England/MILK-9E0B48/2020|2020-09-21|EPI_ISL_601313|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-1D1E3A/2020|2020-05-13|EPI_ISL_572682|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-2947E/2020|2020-04-03|EPI_ISL_445522|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Gibraltar/204462925/2020|2020-10-29|EPI_ISL_632822|Original|hCoV-19^^Gibraltar|Human|Microbiology|Respiratory Virus Unit|Platt|Gibraltar

>Spike|hCoV-19/Belgium/reg-10191299/2020|2020-10-19|EPI_ISL_735203|Original|hCoV-19^^Sterrebeek|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CA-ALSR-4519/2020|2020-10-19|EPI_ISL_666982|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Japan/Donner25/2020|2020-04-22|EPI_ISL_438969|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/England/20122069604/2020|2020-03-15|EPI_ISL_465758|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/PA-MGEL-00324/2020|2020-03-18|EPI_ISL_681999|Original|hCoV-19^^Pennsylvania|Human|UPMC Clinical Microbiology Laboratory|Microbial Genomic Epidemiology Laboratory|Griffith|USA

>Spike|hCoV-19/Japan/PG-5936/2020|2020-00-00|EPI_ISL_689051|Original|hCoV-19^^Japan|Human|Gunma Prefectural Institute of Public Health and Environmental Sciences|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/MILK-9715E4/2020|2020-08-18|EPI_ISL_553141|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC5575/2020|2020-07-15|EPI_ISL_518393|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-49B6B9/2020|2020-12-03|EPI_ISL_742369|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49E6D4/2020|2020-12-08|EPI_ISL_743035|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/MN-CDC-6536/2020|2020-04-22|EPI_ISL_527723|Original|hCoV-19^^Minnesota|Human|MN PHL Division|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/England/MILK-9AB2DB/2020|2020-08-31|EPI_ISL_551010|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-392/2020|2020-07-16|EPI_ISL_523732|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/India/TG-CCMB-L1477/2020|2020-05-25|EPI_ISL_471605|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/mink/Netherlands/NB-EMC-60-1/2020|2020-00-00|EPI_ISL_632470|Original|hCoV-19^^Noord Brabant|Neovison vison|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/UT-RIVM-10064/2020|2020-04-08|EPI_ISL_547519|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/USA/HI-H200158/2020|2020-07-23|EPI_ISL_752720|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/CAMC-B52CD3/2020|2020-11-09|EPI_ISL_657507|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20148004904/2020|2020-04-03|EPI_ISL_422001|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-8E91B7/2020|2020-06-25|EPI_ISL_581424|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-9A5A2/2020|2020-03-23|EPI_ISL_449349|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/South Korea/KCDC2514/2020|2020-06-17|EPI_ISL_514917|Original|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Wales/PHWC-488DBA/2020|2020-10-26|EPI_ISL_639502|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-7763/2020|2020-04-00|EPI_ISL_686865|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/ALDP-A84996/2020|2020-10-18|EPI_ISL_610406|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/PORT-2CF3B7/2020|2020-04-27|EPI_ISL_453673|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-292760-01/2020|2020-12-26|EPI_ISL_769936|Original|hCoV-19^^New York|Human|Albany Medical Center Hospital Clinical Laboratories|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/CWAR-24FDB92/2020|2020-05-02|EPI_ISL_584489|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-2201/2020|2020-11-28|EPI_ISL_723152|Original|hCoV-19^^Minnesota|Human|Vault Health|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Denmark/DCGC-15065/2020|2020-11-23|EPI_ISL_713613|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-22567/2020|2020-12-14|EPI_ISL_757642|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MA-MGH-00600/2020|2020-03-28|EPI_ISL_460382|Original|hCoV-19^^Massachusetts|Human|Massachusetts General Hospital|Infectious Disease Program|Lemieux|USA

>Spike|hCoV-19/England/CAMB-1AB112/2020|2020-04-19|EPI_ISL_470273|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22468/2020|2020-11-03|EPI_ISL_708570|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/CAMC-C71CEC/2020|2020-12-15|EPI_ISL_769113|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B0DCD7/2020|2020-11-02|EPI_ISL_642091|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-95C707/2020|2020-06-16|EPI_ISL_554898|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S947/2020|2020-04-26|EPI_ISL_463437|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/USA/WI-UW-720/2020|2020-06-29|EPI_ISL_491395|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/NY-PV09317/2020|2020-03-21|EPI_ISL_450009|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/Wales/PHWC-28E62/2020|2020-04-03|EPI_ISL_445450|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/South Africa/KRISP-0485/2020|2020-07-03|EPI_ISL_495561|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/CAMB-1AB543/2020|2020-04-21|EPI_ISL_470193|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-493E04/2020|2020-11-20|EPI_ISL_726030|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-AC8116/2020|2020-10-21|EPI_ISL_634442|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/SVE-RII-MH1442S/2020|2020-09-06|EPI_ISL_602331|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Denmark/ALAB-SSI-834/2020|2020-03-28|EPI_ISL_437677|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/USA/TX-HMH-4833/2020|2020-06-20|EPI_ISL_544363|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-993B8/2020|2020-04-08|EPI_ISL_439715|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/ALDP-A84C7F/2020|2020-10-16|EPI_ISL_610391|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20756/2020|2020-04-23|EPI_ISL_471777|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/Hong Kong/VM20128259/2020|2020-10-05|EPI_ISL_730584|Original|hCoV-19^^Hong Kong|Human|Hong Kong Sanatorium & Hospital|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/Germany/BW-MVZ-LS-02/2020|2020-04-09|EPI_ISL_640220|Original|hCoV-19^^Baden-W\u00fcrtemberg|Human|MVZ Labor\u00e4rzte Singen|MVZ Labor\u00e4rzte Singen|Schmidt|Germany

>Spike|hCoV-19/USA/OR-PROV-125/2020|2020-04-28|EPI_ISL_482389|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/USA/LA-CDC-2111/2020|2020-05-29|EPI_ISL_535349|Original|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/South Africa/KRISP-K002876/2020|2020-09-07|EPI_ISL_602689|Original|hCoV-19^^KwaZulu-Natal|Human|NHLs-IALCH|KRISP|de Oliveira|South Africa

>Spike|hCoV-19/England/QEUH-9F5551/2020|2020-09-25|EPI_ISL_588628|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-7399/2020|2020-06-29|EPI_ISL_546737|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WI-UW-2387/2020|2020-10-29|EPI_ISL_728152|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/England/QEUA-A9FC62/2020|2020-10-20|EPI_ISL_665317|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-106546/2020|2020-05-02|EPI_ISL_500985|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9F81D2/2020|2020-09-27|EPI_ISL_588927|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A6BC6F/2020|2020-10-09|EPI_ISL_608848|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B1CA9F/2020|2020-11-02|EPI_ISL_723525|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/England/ALDP-C3ABD3/2020|2020-12-09|EPI_ISL_731538|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20132091904/2020|2020-03-22|EPI_ISL_423825|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Spain/CT-IBV-97007964/2020|2020-10-07|EPI_ISL_654525|Original|hCoV-19^^Catalunya|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/England/ALDP-9E7DA5/2020|2020-09-24|EPI_ISL_638229|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-1637AB/2020|2020-05-09|EPI_ISL_473994|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Wales/PHWC-487234/2020|2020-10-31|EPI_ISL_639175|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/CAMC-B5212F/2020|2020-11-08|EPI_ISL_657795|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/QC-LSPQ-L00231068/2020|2020-03-21|EPI_ISL_535943|Original|hCoV-19^^Quebec|Human|H\u00f4pital de Saint-Eustache|Laboratoire de sant\u00e9 publique du Qu\u00e9bec|Moreira|Canada

>Spike|hCoV-19/South Korea/KCDC2292/2020|2020-05-21|EPI_ISL_510628|Vero E6 P1|hCoV-19^^South Korea|Human|Division of Viral Diseases|Division of Viral Diseases|Kim|South Korea

>Spike|hCoV-19/Japan/PG-8318/2020|2020-08-00|EPI_ISL_687417|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NORT-2A4E99/2020|2020-09-18|EPI_ISL_572911|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Wales/PHWC-16C8BE/2020|2020-09-23|EPI_ISL_574106|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Israel/130711367/2020|2020-04-22|EPI_ISL_447452|Original|hCoV-19^^North District|Human|Clinical Microbiology Laboratory|Stern Lab|Miller|Israel

>Spike|hCoV-19/Netherlands/Gelderland_105/2020|2020-05-21|EPI_ISL_460866|Original|hCoV-19^^Gelderland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/USA/LA-EVTL269/2020|2020-08-22|EPI_ISL_574403|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Belgium/Rega-0330255/2020|2020-03-30|EPI_ISL_458225|Original|hCoV-19^^Hasselt|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-A6CA64/2020|2020-10-14|EPI_ISL_607192|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5172/2020|2020-09-21|EPI_ISL_621710|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-10036852112/2020|2020-11-09|EPI_ISL_728504|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/United Arab Emirates/0052/2020|2020-05-18|EPI_ISL_698260|Original|hCoV-19^^Abu Dhabi|Human|Group 42 (G42) Healthcare|G42 Healthcare|Ogrodzki|United Arab Emirates

>Spike|hCoV-19/USA/TX-HMH-1229/2020|2020-04-16|EPI_ISL_542595|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Japan/PG-4781/2020|2020-08-00|EPI_ISL_689628|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CAMB-1BCDDE/2020|2020-12-05|EPI_ISL_723899|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49C111/2020|2020-12-07|EPI_ISL_742510|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-94EE21/2020|2020-06-17|EPI_ISL_556475|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC-0282/2020|2020-07-06|EPI_ISL_569992|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Portugal/PT1615/2020|2020-07-08|EPI_ISL_693617|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/VA-DCLS-1558/2020|2020-08-07|EPI_ISL_610122|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/USA/WA-S1958/2020|2020-06-03|EPI_ISL_497386|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/USA/NV-NSPHL-A0107/2020|2020-04-17|EPI_ISL_515380|Original|hCoV-19^^Nevada|Human|Nevada State Public Health Laboratory|Nevada State Public Health Laboratory|Sevinsky|USA

>Spike|hCoV-19/Belgium/reg-0512550/2020|2020-05-12|EPI_ISL_734726|Original|hCoV-19^^Zeel|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/England/ALDP-A86CE6/2020|2020-10-16|EPI_ISL_606193|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/QEUEH-9E4661/2020|2020-09-23|EPI_ISL_600984|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-AE1C70/2020|2020-10-26|EPI_ISL_633450|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/UT-EMC-85/2020|2020-08-30|EPI_ISL_577901|Original|hCoV-19^^Utrecht|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/France/ARA-SC137/2020|2020-05-11|EPI_ISL_700401|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Centre hospitalier M\u00e9tropole Savoie|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/USA/SC-DHEC-0545/2020|2020-06-19|EPI_ISL_529085|Original|hCoV-19^^South Carolina|Human|Microbiology Division|Microbiology Division|Flores,H.|USA

>Spike|hCoV-19/India/MH-NCCS-NR1553/2020|2020-05-17|EPI_ISL_496562|Original|hCoV-19^^Maharashtra|Human|National Centre For Cell Science|National Centre For Cell Science|Paul|India

>Spike|hCoV-19/Denmark/DCGC-5949/2020|2020-10-05|EPI_ISL_620214|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-03699/2020|2020-11-00|EPI_ISL_775182|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/England/ALDP-B2732D/2020|2020-11-04|EPI_ISL_664245|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Switzerland/BS-ETHZ-100119/2020|2020-03-16|EPI_ISL_451703|Original|hCoV-19^^Basel-Stadt|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/NORW-F202F/2020|2020-10-22|EPI_ISL_627650|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-5877/2020|2020-06-30|EPI_ISL_547080|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Finland/15CE5/2020|2020-12-04|EPI_ISL_732586|Original|hCoV-19^^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/Australia/VIC2811/2020|2020-07-02|EPI_ISL_521642|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Wales/PHWC-24ADB/2020|2020-03-20|EPI_ISL_419481|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/205080449/2020|2020-12-10|EPI_ISL_747500|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Miah|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16932/2020|2020-12-14|EPI_ISL_750650|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/India/TG-CCMB-W863/2020|2020-07-14|EPI_ISL_528828|Original|hCoV-19^^Telangana|Human|CSIR-Centre for Cellular and Molecular Biology|CSIR-Centre for Cellular and Molecular Biology|Banu|India

>Spike|hCoV-19/England/ALDP-9BE74F/2020|2020-09-09|EPI_ISL_568182|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/reg-0414582/2020|2020-04-14|EPI_ISL_734580|Original|hCoV-19^^Herent|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Denmark/DCGC-3491/2020|2020-08-31|EPI_ISL_616279|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Luxembourg/LNS9926590/2020|2020-10-24|EPI_ISL_745012|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/England/QEUA-7997A6/2020|2020-07-15|EPI_ISL_533141|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MO-QDX-2079/2020|2020-03-17|EPI_ISL_604481|Original|hCoV-19^^Missouri|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-1636CC/2020|2020-04-29|EPI_ISL_473981|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/MB-NML-1054/2020|2020-03-22|EPI_ISL_582413|Original|hCoV-19^^Manitoba|Human|Cadham Provincial Laboratory|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/England/CAMB-1BCCFF/2020|2020-12-02|EPI_ISL_740955|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/ALDP-B84968/2020|2020-11-14|EPI_ISL_675416|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC84FF/2020|2020-10-21|EPI_ISL_629594|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-49D5C9/2020|2020-12-11|EPI_ISL_742804|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-16578/2020|2020-11-16|EPI_ISL_714848|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/PIE-SLL-MS53/2020|2020-03-31|EPI_ISL_569869|Original|hCoV-19^^Piedmont|Human|Amedeo di savoia|Crosetto lab|Harbers|Italy

>Spike|hCoV-19/Scotland/EDB2976/2020|2020-04-02|EPI_ISL_487689|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3491/2020|2020-07-00|EPI_ISL_691600|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/SaudiArabia/KAUST-JEDDAH992/2020|2020-06-17|EPI_ISL_513066|Original|hCoV-19^^Jeddah|Human|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Pathogen Genomics Lab King Abdullah University of Science and Technology(KAUST)|Mohamed Ghazzali|Saudi Arabia

>Spike|hCoV-19/England/LIVE-DC478E/2020|2020-11-10|EPI_ISL_705905|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Wales/PHWC-496029/2020|2020-11-22|EPI_ISL_726520|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/ALDP-A6CA46/2020|2020-10-15|EPI_ISL_607069|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB6686/2020|2020-05-11|EPI_ISL_507186|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17021/2020|2020-12-14|EPI_ISL_750716|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Brazil/DF-861/2020|2020-03-23|EPI_ISL_427296|Original|hCoV-19^^Distrito Federal|Human|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Instituto Oswaldo Cruz FIOCRUZ - Laboratory of Respiratory Viruses and Measles (LVRS)|Silva|Brazil

>Spike|hCoV-19/England/LIVE-DC400B/2020|2020-11-08|EPI_ISL_703417|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL520/2020|2020-06-25|EPI_ISL_578924|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Japan/PG-6322/2020|2020-08-00|EPI_ISL_689433|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Netherlands/NA_71/2020|2020-03-10|EPI_ISL_422831|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Netherlands/NA_400/2020|2020-03-26|EPI_ISL_455202|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/204291952/2020|2020-10-18|EPI_ISL_660744|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL372/2020|2020-06-01|EPI_ISL_578778|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/QEUEH-C31F0D/2020|2020-12-11|EPI_ISL_782698|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0550/2020|2020-05-27|EPI_ISL_508753|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Portugal/PT1879/2020|2020-11-12|EPI_ISL_732096|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/USA/WI-WSLH-200317/2020|2020-04-20|EPI_ISL_578498|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Wales/PHWC-48CF65/2020|2020-11-07|EPI_ISL_666559|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC16869/2020|2020-08-18|EPI_ISL_663614|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B832D7/2020|2020-11-14|EPI_ISL_675618|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/NGY-NNH-014/2020|2020-07-22|EPI_ISL_568569|Original|hCoV-19^^Aichi|Human|Department of Infectious Diseases and Immunology|Clinical Research Center|Iwatani|Japan

>Spike|hCoV-19/England/CAMC-B9AE33/2020|2020-11-15|EPI_ISL_673758|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG269238/2020|2020-03-20|EPI_ISL_426521|Original|hCoV-19^^Arizona|Human|TGen North|TGen North|Lemmer|USA

>Spike|hCoV-19/USA/TX-HMH-4741/2020|2020-06-20|EPI_ISL_544298|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/WA-UW-11438/2020|2020-06-22|EPI_ISL_570407|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Scotland/EDB6041/2020|2020-05-07|EPI_ISL_487868|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/LIVE-DC66E9/2020|2020-11-27|EPI_ISL_703916|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-19631/2020|2020-11-29|EPI_ISL_783996|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/IL-UW-363/2020|2020-04-17|EPI_ISL_450717|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/Netherlands/OV-EMC-106/2020|2020-09-26|EPI_ISL_722830|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/CAMB-1AE1C4/2020|2020-04-27|EPI_ISL_459469|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Latvia/067/2020|2020-07-08|EPI_ISL_501275|Original|hCoV-19^^Latvia|Human|E. Gulbja Laboratorija|Latvian Biomedical Research and Study Centre|Zrelavs|Latvia

>Spike|hCoV-19/Denmark/DCGC-10565/2020|2020-11-02|EPI_ISL_669487|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sweden/20-07768/2020|2020-04-23|EPI_ISL_450818|Original|hCoV-19^^Jonkoping|Human|Aneby VC|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/TX-HMH-MCoV-14403/2020|2020-10-06|EPI_ISL_787688|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-490C67/2020|2020-11-16|EPI_ISL_706554|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Australia/VIC3609/2020|2020-07-09|EPI_ISL_520353|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/LIVE-A688C/2020|2020-03-19|EPI_ISL_499749|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Brazil/SP-L15-CD284/2020|2020-03-30|EPI_ISL_476275|Original|hCoV-19^^S\u00e3o Paulo|Human|Hospital da Cl\u00ednicas da Faculdade de Medicina da Universidade de S\u00e3o Paulo|Instituto de Medicina Tropical da Univesidade de S\u00e3o Paulo|Faria|Brazil

>Spike|hCoV-19/England/SHEF-C0770/2020|2020-03-23|EPI_ISL_420239|Original|hCoV-19^^England|Human|Virology Department|Department of Infection|de Silva|United Kingdom

>Spike|hCoV-19/United Arab Emirates/L2004034634/2020|2020-04-17|EPI_ISL_520669|Original|hCoV-19^^United Arab Emirates|Human|Mohammed Bin Rashid University of Medicine and Health Sciences|Al Jalila Genomics Center|Ramaswamy|United Arab Emirates

>Spike|hCoV-19/Denmark/ALAB-HH-142/2020|2020-03-11|EPI_ISL_452021|Original|hCoV-19^^Denmark|Human|Department of Clinical Microbiology|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Wales/ALDP-B1D57F/2020|2020-11-01|EPI_ISL_710988|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-161/2020|2020-05-06|EPI_ISL_482415|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/Denmark/DCGC-10250/2020|2020-11-09|EPI_ISL_669857|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/VD-ETHZ-100848/2020|2020-03-25|EPI_ISL_451794|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Luxembourg/LNS0486612/2020|2020-12-21|EPI_ISL_771104|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Japan/PG-2026/2020|2020-04-00|EPI_ISL_685631|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-20280/2020|2020-11-30|EPI_ISL_747677|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/SHEF-CFE12/2020|2020-05-02|EPI_ISL_457669|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-18059/2020|2020-11-14|EPI_ISL_784407|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Scotland/EDB1827/2020|2020-04-16|EPI_ISL_433147|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/England/MILK-B05194/2020|2020-10-24|EPI_ISL_665864|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Japan/PG-8935/2020|2020-08-00|EPI_ISL_686481|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/SHEF-C12F6/2020|2020-09-24|EPI_ISL_573688|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-QDX-2019/2020|2020-03-23|EPI_ISL_604308|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/QEUEH-9B51FF/2020|2020-09-03|EPI_ISL_590387|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-NYUMC760/2020|2020-03-26|EPI_ISL_451474|Original|hCoV-19^^New Jersey|Human|NYU Langone Health|Departments of Pathology and Medicine|Maurano|USA

>Spike|hCoV-19/Denmark/DCGC-20356/2020|2020-09-28|EPI_ISL_747597|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-960393/2020|2020-08-05|EPI_ISL_532091|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AR-QDX-532/2020|2020-03-18|EPI_ISL_571261|Original|hCoV-19^^Arkansas|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/PHWC-164986/2020|2020-05-28|EPI_ISL_479329|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11542/2020|2020-11-02|EPI_ISL_670985|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-494665/2020|2020-11-20|EPI_ISL_726149|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Switzerland/BL-ETHZ-270149/2020|2020-08-28|EPI_ISL_541452|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Sweden/20-53395/2020|2020-11-05|EPI_ISL_676497|Original|hCoV-19^^Vastra Gotaland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/Singapore/1009/2020|2020-09-29|EPI_ISL_574494|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/Japan/PG-3066/2020|2020-04-00|EPI_ISL_691189|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/NOTT-111D5F/2020|2020-06-06|EPI_ISL_472403|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-BC20A5/2020|2020-11-22|EPI_ISL_705183|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-961E73/2020|2020-07-30|EPI_ISL_537081|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-125990/2020|2020-03-30|EPI_ISL_443734|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Sweden/20-08092/2020|2020-03-06|EPI_ISL_454464|Original|hCoV-19^^Stockholm|Human|Karolinska Universitetslaboratoriet|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/USA/WI-GMF-31997/2020|2020-11-06|EPI_ISL_661122|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/England/20156036504/2020|2020-04-08|EPI_ISL_466306|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/LIVE-DBD3A2/2020|2020-10-27|EPI_ISL_665133|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Norway/3541/2020|2020-09-10|EPI_ISL_590930|original|hCoV-19^^Oslo|Human|Oslo University Hospital|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Sweden/20-51337/2020|2020-05-08|EPI_ISL_475542|Original|hCoV-19^^Stockholm|Human|Kungsholmsdoktorn|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/ALDP-9D90E9/2020|2020-09-18|EPI_ISL_576698|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/SHEF-10D5EBC/2020|2020-12-15|EPI_ISL_742082|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/QEUA-96CAFC/2020|2020-08-21|EPI_ISL_530725|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-UZH-1000478260/2020|2020-03-02|EPI_ISL_524476|Original|hCoV-19^^Aargau|Human|B\u00f6clach Hospital|Institute of Medical Virology|Schmutz|Switzerland

>Spike|hCoV-19/Wales/PHWC-48C4DF/2020|2020-11-05|EPI_ISL_666435|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1588/2020|2020-09-24|EPI_ISL_594278|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/England/MILK-A55FBA/2020|2020-10-08|EPI_ISL_595124|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/Israel/CVL-128-ngs/2020|2020-12-27|EPI_ISL_776841|Original|hCoV-19^^Israel|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/England/CAMB-82297/2020|2020-04-12|EPI_ISL_443587|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Spain/IB-IBV-2571/2020|2020-04-07|EPI_ISL_468980|Original|hCoV-19^^Illes Balears|Human|Servicio de Microbiolog\u00eda|SeqCOVID-SPAIN consortium|IBV (CSIC) |Comas|Spain

>Spike|hCoV-19/Singapore/1303/2020|2020-05-15|EPI_ISL_648790|Original|hCoV-19^^Singapore|Human|Department of Laboratory Medicine|Department of Laboratory Medicine|Chen|Singapore

>Spike|hCoV-19/England/MILK-A7C8D0/2020|2020-10-15|EPI_ISL_607553|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-9EA72C/2020|2020-09-24|EPI_ISL_580078|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Spain/VC-IBV-98006446/2020|2020-06-30|EPI_ISL_538654|Original|hCoV-19^^Comunitat Valenciana|Human|Servicio de Microbiolog\u00eda. Hospital General Universitario de Castell\u00f3n|SeqCOVID-SPAIN consortium|IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/MILK-A4748F/2020|2020-10-05|EPI_ISL_609269|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MA-MASPHL-00865/2020|2020-05-18|EPI_ISL_692860|Original|hCoV-19^^Massachusetts|Human|Massachusetts State Public Health Laboratory|Massachusetts State Public Health Laboratory|Lang|USA

>Spike|hCoV-19/Scotland/EDB6177/2020|2020-05-16|EPI_ISL_473903|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10036281666/2020|2020-10-05|EPI_ISL_596571|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/Sweden/20-08725/2020|2020-03-30|EPI_ISL_475114|Original|hCoV-19^^Halland|Human|Halmstad klinisk mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/CAMC-B34132/2020|2020-11-05|EPI_ISL_659660|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1317/2020|2020-03-24|EPI_ISL_495616|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/NY-Wadsworth-285156-01/2020|2020-12-08|EPI_ISL_754465|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-AC74F0/2020|2020-10-21|EPI_ISL_630221|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-160DE8/2020|2020-05-22|EPI_ISL_473054|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3952/2020|2020-07-28|EPI_ISL_548522|Original|hCoV-19^^California|Human|UCSF Clinical Microbiology Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Austria/CeMM0413/2020|2020-03-05|EPI_ISL_475843|Original|hCoV-19^^Austria|Human|Austrian Agency for Health and Food Safety (AGES)|Bergthaler laboratory|Bergthaler|Austria

>Spike|hCoV-19/Japan/PG-4614/2020|2020-08-00|EPI_ISL_689751|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/LIVE-A47FA/2020|2020-03-12|EPI_ISL_500045|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/France/OCC-SC501/2020|2020-04-06|EPI_ISL_660695|Original|hCoV-19^^Occitanie|Human|CHU Montpellier|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/Sri Lanka/COV91/2020|2020-03-19|EPI_ISL_428672|Original|hCoV-19^^Sri Lanka|Human|Centre for Dengue Research|Centre for Dengue Research|Malavige|Sri Lanka

>Spike|hCoV-19/England/CAMB-7EB48/2020|2020-04-07|EPI_ISL_442969|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/MI-UM-10035531897/2020|2020-08-18|EPI_ISL_583275|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/UT-QDX-2487/2020|2020-03-13|EPI_ISL_604851|Original|hCoV-19^^Utah|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Sweden/20-05823/2020|2020-03-17|EPI_ISL_445222|Original|hCoV-19^^Halland|Human|Saroledens Familjelakare|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/England/MILK-BAAE21/2020|2020-11-17|EPI_ISL_681493|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUEH-B7E970/2020|2020-11-14|EPI_ISL_668052|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/VD-ETHZ-200070/2020|2020-07-15|EPI_ISL_510751|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/QEUEH-B67A4A/2020|2020-11-11|EPI_ISL_661629|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-483256/2020|2020-10-16|EPI_ISL_627794|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-975/2020|2020-04-07|EPI_ISL_545942|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/BRIS-1853EFA/2020|2020-04-28|EPI_ISL_492252|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A8FB9/2020|2020-09-01|EPI_ISL_551148|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-12290/2020|2020-09-25|EPI_ISL_789934|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/QEUEH-B2EEDA/2020|2020-11-03|EPI_ISL_659894|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Scotland/EDB5486/2020|2020-04-26|EPI_ISL_461757|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|Williams|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-2772/2020|2020-07-15|EPI_ISL_635672|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/TX-HMH-2162/2020|2020-05-22|EPI_ISL_545153|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Brazil/RJ-00466/2020|2020-07-08|EPI_ISL_717861|Original|hCoV-19^^Rio de Janeiro|Human|Laboratorio de Virologia Molecular / UFRJ|Bioinformatics Laboratory / LNCC|Almeida|Brazil

>Spike|hCoV-19/USA/CA-CZB-1477/2020|2020-05-01|EPI_ISL_468429|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Hao|USA

>Spike|hCoV-19/England/204180141/2020|2020-09-27|EPI_ISL_583984|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0575/2020|2020-03-21|EPI_ISL_508779|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-5496/2020|2020-09-21|EPI_ISL_620821|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-9F997F/2020|2020-09-26|EPI_ISL_589240|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10128/2020|2020-11-09|EPI_ISL_669410|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-UCLA-66/2020|2020-03-31|EPI_ISL_537591|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/USA/LA-EVTL658/2020|2020-07-13|EPI_ISL_653350|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/MILK-BB213C/2020|2020-11-18|EPI_ISL_720341|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-AC928B/2020|2020-10-21|EPI_ISL_629155|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-11878/2020|2020-04-08|EPI_ISL_672276|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/USA/MI-QDX-2261/2020|2020-03-14|EPI_ISL_604545|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Northern Ireland/QEUA-961ACA/2020|2020-08-02|EPI_ISL_537094|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/QEUA-9B704B/2020|2020-09-09|EPI_ISL_590577|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-65573/2020|2020-10-06|EPI_ISL_594566|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-5033/2020|2020-09-21|EPI_ISL_621820|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9B85B4/2020|2020-09-10|EPI_ISL_549738|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-0265/2020|2020-06-13|EPI_ISL_527832|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Italy/CAM-IZSM-32830/2020|2020-03-28|EPI_ISL_572324|Vero|hCoV-19^^Campania|Human|IZSM|IZSM|Viscardi|Italy

>Spike|hCoV-19/Japan/PG-2019/2020|2020-04-00|EPI_ISL_685624|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/CWAR-24FDC17/2020|2020-05-03|EPI_ISL_584497|Original|hCoV-19^^England|Human|UHCW / University of Warwick|COVID-19 Genomics UK (COG-UK) Consortium|Stark|United Kingdom

>Spike|hCoV-19/USA/OR-PROV-139/2020|2020-05-02|EPI_ISL_482400|Original|hCoV-19^^Oregon|Human|Providence St. Joseph Health Molecular Genomics Laboratory|Providence St. Joseph Health Molecular Genomics Laboratory|Dowdell|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-12972/2020|2020-08-28|EPI_ISL_788124|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-15857/2020|2020-11-23|EPI_ISL_714066|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9A4490/2020|2020-09-01|EPI_ISL_540143|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BRIS-12BF6B/2020|2020-05-08|EPI_ISL_469428|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC11146/2020|2020-08-10|EPI_ISL_563269|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Portugal/PT1770/2020|2020-11-10|EPI_ISL_732001|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/Japan/PG-3309/2020|2020-04-00|EPI_ISL_691424|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/WA-UW-6550/2020|2020-04-03|EPI_ISL_570128|Original|hCoV-19^^Washington|Human|UW Virology Lab|UW Virology Lab|Roychoudhury|USA

>Spike|hCoV-19/Australia/VIC5336/2020|2020-07-17|EPI_ISL_520099|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/MILK-B562EC/2020|2020-11-05|EPI_ISL_657519|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL817/2020|2020-07-27|EPI_ISL_653508|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Spain/EX-IBV-005003/2020|2020-03-13|EPI_ISL_510312|Original|hCoV-19^^Extremadura|Human|Hospital San Pedro de Alc\u00e9ntara (C\u00e9rceres)|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Scotland/CVR2969/2020|2020-04-21|EPI_ISL_453088|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/QEUA-9FA334/2020|2020-09-28|EPI_ISL_588241|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19182/2020|2020-12-07|EPI_ISL_748204|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-AA0062/2020|2020-10-20|EPI_ISL_611312|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/CRIE140762/2020|2020-03-29|EPI_ISL_460605|Original|hCoV-19^^Moscow|Human|Molecular diagnostic laboratory of Federal Budget Institution of Science \Central Research Institute of Epidemiology\ of The Federal Service on Customers' Rights Protection and Human Well-being Surveillance|Group of Genomics and Postgenomic Technologies of Central Research Institute of Epidemiology|Spera
>nskaya|Russia

>Spike|hCoV-19/Scotland/QEUA-9901AF/2020|2020-08-30|EPI_ISL_540010|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B88788/2020|2020-11-13|EPI_ISL_674265|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A1762/2020|2020-12-10|EPI_ISL_743720|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Bangladesh/BCSIR-NILMRC-116/2020|2020-06-07|EPI_ISL_475759|Original|hCoV-19^^Rangpur|Human|National Institute of Laboratory Medicine and Referral Center|Genomic Research Lab|Khan|Bangladesh

>Spike|hCoV-19/England/CAMB-1B966D/2020|2020-11-06|EPI_ISL_664571|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Portugal/PT1459/2020|2020-03-26|EPI_ISL_511418|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA)|Instituto Nacional de Saude (INSA)|Borges|Portugal

>Spike|hCoV-19/England/BRIS-12FDA9/2020|2020-04-10|EPI_ISL_492742|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-UPHL-2008805/2020|2020-05-29|EPI_ISL_524831|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/CAMC-A4141C/2020|2020-10-07|EPI_ISL_609424|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC2305/2020|2020-06-17|EPI_ISL_522026|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/QEUH-B2C856/2020|2020-11-04|EPI_ISL_665328|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Australia/VIC5991/2020|2020-07-20|EPI_ISL_518766|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Spain/VC-IBV-98003083/2020|2020-03-14|EPI_ISL_538019|Original|hCoV-19^^Comunitat Valenciana|Human|Hospital Universitari i Polit\u00e8cnic La Fe de Val\u00e8ncia|SeqCOVID-SPAIN consortium/IBV(CSIC)|Comas|Spain

>Spike|hCoV-19/England/BRIS-1239B0/2020|2020-04-07|EPI_ISL_442673|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/WI-UW-82/2020|2020-03-25|EPI_ISL_421341|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/USA/UT-08383/2020|2020-05-15|EPI_ISL_524166|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/QEUH-A0AC71/2020|2020-10-01|EPI_ISL_599407|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC20510/2020|2020-05-08|EPI_ISL_460558|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Blankenship|USA

>Spike|hCoV-19/England/ALDP-A8494B/2020|2020-10-18|EPI_ISL_610313|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B8F18/2020|2020-11-03|EPI_ISL_650353|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Scotland/CVR11/2020|2020-03-10|EPI_ISL_425655|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/MILK-B3E3D8/2020|2020-11-02|EPI_ISL_706275|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Jordan/AQ-ALSR-5268/2020|2020-10-07|EPI_ISL_730506|Original|hCoV-19^^Aqaba|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/South Africa/LR00114/2020|2020-07-20|EPI_ISL_514408|Original|hCoV-19^^Gauteng|Human|National Institute for Communicable Diseases of the National Health Laboratory Service|National Institute for Communicable Diseases of the National Health Laboratory Service|Allam|South Africa

>Spike|hCoV-19/England/PORT-2D15E9/2020|2020-04-20|EPI_ISL_484413|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Canada/ON-S1796/2020|2020-11-15|EPI_ISL_755791|Original|hCoV-19^^Ontario|Human|Toronto Invasive Bacterial Diseases Network|McMaster University|McArthur|Canada

>Spike|hCoV-19/Australia/VIC3548/2020|2020-07-06|EPI_ISL_520297|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-9E66BA/2020|2020-09-23|EPI_ISL_580568|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Russia/OMS-ORINFI-9661S/2020|2020-06-22|EPI_ISL_569843|Original|hCoV-19^^Omsk|Human|Omsk Research Institute of Natural Focal Infections|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/USA/CA-QDX-2114/2020|2020-03-19|EPI_ISL_604416|Original|hCoV-19^^California|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Ireland/KK-NVRL-72IRL37138/2020|2020-08-17|EPI_ISL_578304|Original|hCoV-19^^Kilkenny|Human|National Virus Reference Laboratory|National Virus Reference Laboratory|Gonzalez|Ireland

>Spike|hCoV-19/Wales/PHWC-4A490F/2020|2020-12-08|EPI_ISL_764746|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Canada/BC_03470015/2020|2020-04-00|EPI_ISL_466745|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Denmark/DCGC-12803/2020|2020-10-26|EPI_ISL_682984|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-16557/2020|2020-11-16|EPI_ISL_714835|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC458/2020|2020-03-26|EPI_ISL_426752|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/Luxembourg/LNS9789433/2020|2020-10-31|EPI_ISL_744984|Original|hCoV-19^^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/USA/WA-S2277/2020|2020-06-09|EPI_ISL_497705|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/India/GJ-GBRC53/2020|2020-05-04|EPI_ISL_444484|Original|hCoV-19^^Gujarat|Human|Gujarat Biotechnology Research Centre|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Wales/PHWC-49C023/2020|2020-12-07|EPI_ISL_742496|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-039/2020|2020-04-16|EPI_ISL_436543|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Russia/SVE-RII-MH1725S/2020|2020-09-18|EPI_ISL_602359|Original|hCoV-19^^Sverdlovsk|Human|HELIX LLC|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/Scotland/QEUH-98EF31/2020|2020-08-28|EPI_ISL_568447|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1279/2020|2020-03-15|EPI_ISL_483000|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/USA/TX-HMH-2870/2020|2020-06-08|EPI_ISL_543840|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/204381377/2020|2020-10-22|EPI_ISL_649861|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-9FDEE5/2020|2020-10-01|EPI_ISL_587891|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20864/2020|2020-12-21|EPI_ISL_759415|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-48AEF1/2020|2020-11-01|EPI_ISL_666172|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-5F0F01/2020|2020-06-16|EPI_ISL_533261|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-32DA4/2020|2020-04-14|EPI_ISL_446688|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/Netherlands/OV-RIVM-20145/2020|2020-11-29|EPI_ISL_723315|Original|hCoV-19^^Overijssel|Human|Dutch COVID-19 response team|National Institute for Public Health and the Environment (RIVM)|Meijer|Netherlands

>Spike|hCoV-19/Denmark/DCGC-9394/2020|2020-11-16|EPI_ISL_668947|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-UM-2006S000864/2020|2020-03-29|EPI_ISL_484719|Original|hCoV-19^^Michigan|Human|University of Michigan Clinical Microbiology Laboratory|Lauring Lab|Valesano|USA

>Spike|hCoV-19/USA/CA-CZB-14648/2020|2020-11-16|EPI_ISL_739397|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Switzerland/BL-ETHZ-200024/2020|2020-07-14|EPI_ISL_510713|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/ALDP-5B57B5/2020|2020-06-19|EPI_ISL_558771|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B374CD/2020|2020-11-05|EPI_ISL_645400|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9EEC83/2020|2020-09-24|EPI_ISL_580662|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A237C/2020|2020-12-16|EPI_ISL_743878|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WA-S689/2020|2020-04-08|EPI_ISL_449859|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Bedford|USA

>Spike|hCoV-19/England/MILK-B0696E/2020|2020-10-29|EPI_ISL_652255|Original|hCoV-19^^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3903/2020|2020-07-24|EPI_ISL_548560|Original|hCoV-19^^California|Human|County of San Luis Obispo Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/England/LIVE-A95EC/2020|2020-07-15|EPI_ISL_526380|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-10813/2020|2020-11-02|EPI_ISL_670223|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Sichuan/SC-WCH-310/2020|2020-01-24|EPI_ISL_451380|Original|hCoV-19^^Sichuan|Human|West China Hospital of Sichuan University|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/USA/TX-HMH-6873/2020|2020-06-26|EPI_ISL_546309|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-11329/2020|2020-11-02|EPI_ISL_670595|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Japan/IC-0371/2020|2020-12-00|EPI_ISL_721612|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Northern Ireland/NIRE-10826B/2020|2020-04-01|EPI_ISL_585179|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Scotland/EDB8370/2020|2020-10-14|EPI_ISL_612346|Original|hCoV-19^^Scotland|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|McHugh|United Kingdom

>Spike|hCoV-19/England/CAMC-B07C37/2020|2020-10-29|EPI_ISL_643841|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MI-MDHHS-SC22510/2020|2020-11-18|EPI_ISL_708213|Original|hCoV-19^^Michigan|Human|Michigan Department of Health and Human Services|Michigan Department of Health and Human Services|Jacob|USA

>Spike|hCoV-19/England/BRIS-129431/2020|2020-04-19|EPI_ISL_458748|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-7621/2020|2020-08-00|EPI_ISL_686723|Original|hCoV-19^^Japan|Human|Chiba Prefectural Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/MILK-BABBB0/2020|2020-11-18|EPI_ISL_681582|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-15468/2020|2020-12-05|EPI_ISL_738872|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Japan/PG-6233/2020|2020-08-00|EPI_ISL_689345|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/TX-HMH-1942/2020|2020-05-20|EPI_ISL_542912|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-9D8D4D/2020|2020-09-18|EPI_ISL_576667|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Sweden/20-53794/2020|2020-12-16|EPI_ISL_766713|Original|hCoV-19^^Vastmanland|Human|Klinisk Mikrobiologi|The Public Health Agency of Sweden|Svartstr\u00f6m|Sweden

>Spike|hCoV-19/South Korea/KDCA0091/2020|2020-09-23|EPI_ISL_747330|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/England/CAMC-A66068/2020|2020-10-11|EPI_ISL_627060|Original|hCoV-19^^England|Human|University of Exeter|COVID-19 Genomics UK (COG-UK) Consortium|Temperton|United Kingdom

>Spike|hCoV-19/England/CAMB-7DEC8/2020|2020-04-06|EPI_ISL_441627|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4645/2020|2020-09-14|EPI_ISL_621877|Original|hCoV-19^^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Gambia/GC19-1814/2020|2020-05-28|EPI_ISL_561032|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/Switzerland/BL-ETHZ-120036/2020|2020-04-20|EPI_ISL_468226|Original|hCoV-19^^Basel-Landschaft|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/Australia/QLD982/2020|2020-03-21|EPI_ISL_530262|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/England/MILK-BB2512/2020|2020-11-18|EPI_ISL_720316|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/UT-08650/2020|2020-05-07|EPI_ISL_524382|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/MILK-B94437/2020|2020-11-13|EPI_ISL_676230|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-13429/2020|2020-11-30|EPI_ISL_712171|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/South Africa/NHLS-UCT-GS-1947/2020|2020-08-29|EPI_ISL_640046|Original|hCoV-19^^Western Cape|Human|Valkenberg Hospital wc VBH|NHLS/UCT|Iranzadeh|South Africa

>Spike|hCoV-19/Northern Ireland/NIRE-FB2C6/2020|2020-08-30|EPI_ISL_585224|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-834/2020|2020-04-20|EPI_ISL_614703|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Wales/PHWC-162EF2/2020|2020-05-29|EPI_ISL_473218|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/WI-UW-2425/2020|2020-12-11|EPI_ISL_754629|Original|hCoV-19^^Wisconsin|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Moreno|USA

>Spike|hCoV-19/USA/CA-ALSR-3770/2020|2020-06-04|EPI_ISL_636190|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Spain/CL-IBV-97006176/2020|2020-04-06|EPI_ISL_537323|Original|hCoV-19^^Castilla y Leon|Human|Universidad de Le\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Wales/PHWC-165712/2020|2020-05-14|EPI_ISL_490717|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-5194/2020|2020-08-00|EPI_ISL_690297|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Switzerland/VD-ETHZ-180039/2020|2020-07-01|EPI_ISL_489977|Original|hCoV-19^^Vaud|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/England/MILK-995395/2020|2020-08-24|EPI_ISL_552254|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MN-MDH-1353/2020|2020-04-21|EPI_ISL_507942|Original|hCoV-19^^Minnesota|Human|Minnesota Department of Health|Minnesota Department of Health|Garfin|USA

>Spike|hCoV-19/Denmark/DCGC-7151/2020|2020-10-12|EPI_ISL_619169|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Hungary/US-57529w/2020|2020-10-01|EPI_ISL_677789|Original|hCoV-19^^B\u00e9lcs-Kiskun county|Human|University of Szeged|National Laboratory of Virology|Kemenesi|Hungary

>Spike|hCoV-19/Canada/NS-NML-1251/2020|2020-04-06|EPI_ISL_579642|Original|hCoV-19^^Nova Scotia|Human|QEII Health Sciences Centre|National Microbiology Laboratory (NML)|Majer|Canada

>Spike|hCoV-19/USA/CA-CZB-13981/2020|2020-06-16|EPI_ISL_738934|Original|hCoV-19^^California|Human|Alameda County Public Health Lab|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/USA/LA-CDC-1293/2020|2020-06-10|EPI_ISL_535334|Vero P1|hCoV-19^^Louisiana|Human|LA Office of Public Health Laboratories|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/USA/TX-HMH-636/2020|2020-04-11|EPI_ISL_547416|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-4915C5/2020|2020-10-28|EPI_ISL_703227|Original|hCoV-19^^Wales|Human|Originating lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/MILK-A6A019/2020|2020-10-08|EPI_ISL_608835|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI511/2020|2020-03-26|EPI_ISL_429579|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/Denmark/DCGC-6628/2020|2020-10-12|EPI_ISL_619677|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Bangladesh/DNAS_DRICM_isl_18964/2020|2020-06-27|EPI_ISL_775011|Original|hCoV-19^^Dhaka|Human|Designated Reference Institute for Chemical Measurements (DRICM)|DNA SOLUTION LTD.|Rabbi|Bangladesh

>Spike|hCoV-19/Australia/VIC3516/2020|2020-07-08|EPI_ISL_520268|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Australia/VIC1412/2020|2020-04-16|EPI_ISL_456431|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/England/ALDP-B5B038/2020|2020-11-08|EPI_ISL_655604|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FAAA1/2020|2020-04-02|EPI_ISL_441761|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-12945/2020|2020-10-19|EPI_ISL_672367|Original|hCoV-19^^California|Human|Orange County Public Health Lab|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Australia/VIC5672/2020|2020-07-19|EPI_ISL_518479|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Greece/246_32206/2020|2020-03-10|EPI_ISL_437905|Original|hCoV-19^^Athens|Human|Laboratory of Microbiology|Laboratory of Biology|Karakasiliotis|Greece

>Spike|hCoV-19/Denmark/DCGC-17869/2020|2020-12-14|EPI_ISL_749611|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-6995/2020|2020-06-28|EPI_ISL_546417|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Denmark/DCGC-12348/2020|2020-11-16|EPI_ISL_682529|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A70283/2020|2020-10-15|EPI_ISL_608162|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WI-WSLH-200736/2020|2020-08-31|EPI_ISL_631492|Original|hCoV-19^^Wisconsin|Human|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Wisconsin State Laboratory of Hygiene Communicable Disease Division|Florek|USA

>Spike|hCoV-19/Gambia/NPHL-1424/2020|2020-07-04|EPI_ISL_561229|Original|hCoV-19^^Kombo|Human|MRCG at LSHTM Genomics lab|MRCG at LSHTM Genomics lab|Sesay|Gambia

>Spike|hCoV-19/England/CAMC-CB8FC2/2020|2020-12-18|EPI_ISL_778023|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/SA-Isf-30/2020|2020-04-18|EPI_ISL_672582|Original|hCoV-19^^Iran|Human|Infectious Diseases and Tropical Medicine Research Center|Infectious Diseases and Tropical Medicine Research Center|Ahangarzadeh, S.|Iran

>Spike|hCoV-19/USA/TX-HMH-2887/2020|2020-06-09|EPI_ISL_543855|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/MILK-9E102A/2020|2020-09-20|EPI_ISL_581093|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20206026604/2020|2020-05-11|EPI_ISL_465657|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Scotland/QEUH-9D020A/2020|2020-09-16|EPI_ISL_601816|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/MD-HP12010/2020|2020-11-04|EPI_ISL_791354|Original|hCoV-19^^Maryland|Human|Johns Hopkins Hospital Department of Pathology|Johns Hopkins Hospital Department of Pathology|Morris|USA

>Spike|hCoV-19/USA/LA-EVTL303/2020|2020-05-12|EPI_ISL_578710|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Norway/4014/2020|2020-09-21|EPI_ISL_590967|original|hCoV-19^^Rogaland|Human|Dept. of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/USA/NY-PV09453/2020|2020-03-19|EPI_ISL_450127|Original|hCoV-19^^New York|Human|MSHS Clinical Microbiology Laboratories|MSHS Pathogen Surveillance Program|van Bakel|USA

>Spike|hCoV-19/USA/LA-EVTL1091/2020|2020-12-01|EPI_ISL_768361|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/Denmark/DCGC-6026/2020|2020-09-21|EPI_ISL_621135|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC17654/2020|2020-08-05|EPI_ISL_663973|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL) |MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Denmark/DCGC-6953/2020|2020-10-12|EPI_ISL_619799|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MI-QDX-1151/2020|2020-03-22|EPI_ISL_571881|Original|hCoV-19^^Michigan|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/England/BRIS-12B1DE/2020|2020-05-14|EPI_ISL_469838|Original|hCoV-19^^England|Human|PHE South West Regional Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/WA-S2215/2020|2020-06-08|EPI_ISL_497643|Original|hCoV-19^^Washington|Human|Washington State Department of Health|Seattle Flu Study|Lee|USA

>Spike|hCoV-19/Denmark/DCGC-12917/2020|2020-12-07|EPI_ISL_712461|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/QLD1017/2020|2020-04-15|EPI_ISL_530277|Original|hCoV-19^^Queensland|Human|Queensland Health Forensic and Scientific Services|Public Health Virology Laboratory|Nguyen|Australia

>Spike|hCoV-19/Belgium/regal-12141383/2020|2020-12-14|EPI_ISL_738435|Original|hCoV-19^^Mol|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/CO-CDPHE-2008063119/2020|2020-08-05|EPI_ISL_677299|Original|hCoV-19^^Colorado|Human|Colorado Department of Public Health and Environment|Colorado Department of Public Health and Environment|Bankers|USA

>Spike|hCoV-19/USA/VA-DCLS-0851/2020|2020-04-30|EPI_ISL_516715|Original|hCoV-19^^Virginia|Human|Virginia DCLS|Virginia DCLS|St. Jacques|USA

>Spike|hCoV-19/England/QEUA-9B74D6/2020|2020-09-07|EPI_ISL_590668|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORW-E8FD4/2020|2020-04-25|EPI_ISL_453572|Original|hCoV-19^England|Human|Quadram Institute Bioscience|COVID-19 Genomics UK (COG-UK) Consortium|Alikhan|United Kingdom

>Spike|hCoV-19/England/CAMB-1BB267/2020|2020-11-10|EPI_ISL_664832|Original|hCoV-19^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-9A8818/2020|2020-08-31|EPI_ISL_549427|Original|hCoV-19^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/PHWC-339AF/2020|2020-04-20|EPI_ISL_446773|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUA-A5E93B/2020|2020-10-12|EPI_ISL_597474|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FC8F0/2020|2020-04-22|EPI_ISL_459401|Original|hCoV-19^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-3351/2020|2020-04-00|EPI_ISL_691466|Original|hCoV-19^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-48F436/2020|2020-11-09|EPI_ISL_681092|Original|hCoV-19^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Finland/25LS10CE11/2020|2020-10-25|EPI_ISL_759901|Original|hCoV-19^Uusimaa|Human|Department of Virology and Immunology|Department of Virology|Smura|Finland

>Spike|hCoV-19/New Zealand/20VR2562/2020|2020-04-15|EPI_ISL_456387|Original|hCoV-19^Counties Manukau|Human|Middlemore Hospital|Institute of Environmental Science and Research (ESR)|de Ligt|New Zealand

>Spike|hCoV-19/Luxembourg/LNS5694108/2020|2020-10-21|EPI_ISL_744275|Original|hCoV-19^Luxembourg|Human|Laboratoire national de sant\u00e9|Laboratoire national de sant\u00e9|Wienecke-Baldacchino|Luxembourg

>Spike|hCoV-19/Denmark/DCGC-11242/2020|2020-11-02|EPI_ISL_670580|Original|hCoV-19^Sjælland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-QDX-1007/2020|2020-03-16|EPI_ISL_571733|Original|hCoV-19^Minnesota|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/USA/CA-ALSR-3362/2020|2020-09-16|EPI_ISL_635982|Original|hCoV-19^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/QEUA-AD2762/2020|2020-10-26|EPI_ISL_629840|Original|hCoV-19^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/MA-CADIUMAG-11/2020|2020-04-15|EPI_ISL_681677|Original|hCoV-19^Magallanes|Human|Molecular Medicine Laboratory|Centro Asistencial Docente y de Investigacion|Navarrete|Chile

>Spike|hCoV-19/England/ALDP-C3CFB7/2020|2020-12-10|EPI_ISL_731113|Original|hCoV-19^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Australia/VIC1661/2020|2020-05-12|EPI_ISL_456562|Original|hCoV-19^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|Microbiological Diagnostic Unit Public Health Laboratory and Victorian Infectious Diseases Reference Laboratory|Schultz|Australia

>Spike|hCoV-19/USA/UT-UPHL-2012372658/2020|2020-08-01|EPI_ISL_746079|Original|hCoV-19^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/NORT-2A0D81/2020|2020-04-30|EPI_ISL_572663|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/England/LIVE-A56DE/2020|2020-03-20|EPI_ISL_500141|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/AZ-QDX-1079/2020|2020-03-20|EPI_ISL_571803|Original|hCoV-19^^Arizona|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Wales/ALDP-C3AE61/2020|2020-12-08|EPI_ISL_767160|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Brazil/PE-IAM900/2020|2020-05-03|EPI_ISL_572359|Original|hCoV-19^^Pernambuco|Human|LACEN/PE|WallauLab|Wallau|Brazil

>Spike|hCoV-19/Jordan/AM-ALSR-4997/2020|2020-10-11|EPI_ISL_730270|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/Wales/PHWC-49C3DF/2020|2020-12-07|EPI_ISL_742552|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/LIVE-DCOAF2/2020|2020-11-04|EPI_ISL_702512|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/Singapore/401/2020|2020-04-17|EPI_ISL_469150|Original|hCoV-19^^Singapore|Human|National Public Health Laboratory|National Public Health Laboratory|Mak|Singapore

>Spike|hCoV-19/England/QEUEH-B1348B/2020|2020-11-02|EPI_ISL_641688|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/NW-HHU-39/2020|2020-03-17|EPI_ISL_425123|Original|hCoV-19^^North Rhine-Westphalia|Human|Center of Medical Microbiology|Center of Medical Microbiology|Wienemann|Germany

>Spike|hCoV-19/Denmark/DCGC-1013/2020|2020-03-23|EPI_ISL_614474|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/CA-UCLA-25/2020|2020-05-22|EPI_ISL_537551|Original|hCoV-19^^California|Human|UCLA Pathology Clinical Microbiology Lab|Kruglyak Lab|Boocock|USA

>Spike|hCoV-19/England/CAMC-A64A6C/2020|2020-10-11|EPI_ISL_608959|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-B5A303/2020|2020-11-06|EPI_ISL_658102|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A91A75/2020|2020-10-19|EPI_ISL_706006|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/England/QEUEH-A8BEEB/2020|2020-10-17|EPI_ISL_643261|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-B83028/2020|2020-11-14|EPI_ISL_675512|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Chile/RM-ISPCH-40/2020|2020-03-17|EPI_ISL_445319|Original|hCoV-19^^Region Metropolitana de Santiago|Human|HOSPITAL FELIX BULNES|Instituto de Salud Publica de Chile|Fernandez|Chile

>Spike|hCoV-19/France/ARA-09112-isl/2020|2020-03-14|EPI_ISL_578177|BGM P3|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|CNR Virus des Infections Respiratoires - France SUD|CNR Virus des Infections Respiratoires - France SUD|Josset|France

>Spike|hCoV-19/Scotland/CVR3857/2020|2020-06-08|EPI_ISL_484660|Original|hCoV-19^^Scotland|Human|West of Scotland Specialist Virology Centre|COVID-19 Genomics UK (COG-UK) Consortium|Robertson|United Kingdom

>Spike|hCoV-19/England/ALDP-CEB1C0/2020|2020-12-21|EPI_ISL_782377|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-81535/2020|2020-04-11|EPI_ISL_443104|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-0934/2020|2020-07-16|EPI_ISL_517824|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Jordan/AM-ALSR-5189/2020|2020-10-20|EPI_ISL_730428|Original|hCoV-19^^Amman|Human|Biolab Diagnostic Laboratories|Andersen lab at Scripps Research|Gangavarapu|Jordan

>Spike|hCoV-19/USA/UT-UPHL-201216071/2020|2020-04-06|EPI_ISL_678520|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Wales/PHWC-49E847/2020|2020-12-08|EPI_ISL_743056|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/204980829/2020|2020-12-04|EPI_ISL_754306|Original|hCoV-19^^England|Human|Respiratory Virus Unit|COVID-19 Genomics UK (COG-UK) Consortium|Platt|United Kingdom

>Spike|hCoV-19/Iceland/403/2020|2020-03-19|EPI_ISL_424427|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/CAMB-1AAE49/2020|2020-04-17|EPI_ISL_444318|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Meredith|United Kingdom

>Spike|hCoV-19/England/204221432/2020|2020-00-00|EPI_ISL_593808|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/SHEF-D0B08/2020|2020-08-31|EPI_ISL_540766|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-FC034/2020|2020-04-13|EPI_ISL_470082|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Timor-Leste/TL25/2020|2020-03-30|EPI_ISL_456600|Original|hCoV-19^^Timor-Leste|Human|National Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Timor-Leste

>Spike|hCoV-19/England/CAMC-A81DCA/2020|2020-10-12|EPI_ISL_610837|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-MCoV-11512/2020|2020-09-06|EPI_ISL_790037|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/ALDP-A521E4/2020|2020-10-07|EPI_ISL_598090|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3436/2020|2020-06-13|EPI_ISL_544192|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/TX-HMH-MCoV-14081/2020|2020-08-14|EPI_ISL_787367|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Australia/TAS79/2020|2020-04-09|EPI_ISL_522750|Original|hCoV-19^^Tasmania|Human|Royal Hobart Hospital Microbiology Department|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Norway/2802/2020|2020-06-26|EPI_ISL_493368|Original|hCoV-19^^Norway|Human|Furst Medical Laboratory|Norwegian Institute of Public Health|Kopperud Riis|Norway

>Spike|hCoV-19/New Zealand/20VR1956/2020|2020-04-06|EPI_ISL_579176|Original|hCoV-19^^Southern|Human|Southern Community Labs Dunedin|Institute of Environmental Science and Research (ESR)|Wang|New Zealand

>Spike|hCoV-19/England/ALDP-AA1ED0/2020|2020-10-22|EPI_ISL_624247|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Netherlands/ZH-EMC-514/2020|2020-08-26|EPI_ISL_577943|Original|hCoV-19^^Zuid Holland|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/MILK-97501C/2020|2020-08-19|EPI_ISL_552628|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19003/2020|2020-12-07|EPI_ISL_748692|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Switzerland/BS-UHB-42192492/2020|2020-03-16|EPI_ISL_528128|Original|hCoV-19^^Basel-Stadt|Human|University Hospital Basel|University Hospital Basel|Roloff Handschin|Switzerland

>Spike|hCoV-19/Slovenia/12380/2020|2020-03-24|EPI_ISL_635259|Original|hCoV-19^^Slovenia|Human|Institute of Microbiology and Immunology|Institute of Microbiology and Immunology|Zakotnik|Slovenia

>Spike|hCoV-19/Panama/334779/2020|2020-03-31|EPI_ISL_496793|Original|hCoV-19^^Panama Center|Human|Gorgas Memorial Laboratory of Health Studies|Gorgas Memorial Laboratory of Health Studies|Martinez|Panama

>Spike|hCoV-19/USA/CA-CDPH287/2020|2020-11-27|EPI_ISL_755109|Original|hCoV-19^^California|Human|California Department of Public Health|California Department of Public Health|Bell|USA

>Spike|hCoV-19/USA/CA-CZB-13689/2020|2020-11-05|EPI_ISL_739605|Original|hCoV-19^^California|Human|Santa Clara County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/Iceland/554/2020|2020-03-27|EPI_ISL_424574|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-C6A19C/2020|2020-12-11|EPI_ISL_778519|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-238/2020|2020-04-01|EPI_ISL_463170|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/LEED-2A8BBC/2020|2020-04-02|EPI_ISL_539065|Original|hCoV-19^^England|Human|Leeds Teaching Hospitals NHS Trust and Public Health England|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/HH-hpi-pl467/2020|2020-03-11|EPI_ISL_775979|Original|hCoV-19^^Hamburg|Human|University Medical Center Hamburg Eppendorf|Heinrich Pette Institute|Robitaille|Germany

>Spike|hCoV-19/USA/UT-03034/2020|2020-05-01|EPI_ISL_522306|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Portugal/PT2058/2020|2020-11-09|EPI_ISL_732272|Original|hCoV-19^^Portugal|Human|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Instituto Nacional de Saude (INSA) and Instituto Gulbenkian de Ciencia (IGC)|Borges|Portugal

>Spike|hCoV-19/England/ALDP-A94F82/2020|2020-10-19|EPI_ISL_624611|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-654B24/2020|2020-07-04|EPI_ISL_558103|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Germany/SH-ChVir9979/2020|2020-11-02|EPI_ISL_729414|Original|hCoV-19^^Schleswig-Holstein|Human|A. Krumbholz|Charit\u00e9 Universit\u00e4tsmedizin Berlin|Muehleemann|Germany

>Spike|hCoV-19/Spain/MD-IBV-99007329/2020|2020-08-18|EPI_ISL_582816|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Mara\u00f1a\u00f3n|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Northern Ireland/NIRE-FA643/2020|2020-04-06|EPI_ISL_459335|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG517518/2020|2020-06-29|EPI_ISL_695343|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/PORT-2D315C/2020|2020-04-09|EPI_ISL_529491|Original|hCoV-19^^England|Human|Centre for Enzyme Innovation|COVID-19 Genomics UK (COG-UK) Consortium|Robson|United Kingdom

>Spike|hCoV-19/Australia/VIC7852/2020|2020-07-29|EPI_ISL_564703|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/CA-ALSR-0815-SAN/2020|2020-03-30|EPI_ISL_483377|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/England/MILK-BAFA55/2020|2020-11-17|EPI_ISL_783298|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NOTT-10E669/2020|2020-03-24|EPI_ISL_425575|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/England/CAMC-B53540/2020|2020-11-08|EPI_ISL_656864|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10401/2020|2020-08-19|EPI_ISL_540568|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/CA-ALSR-5057/2020|2020-09-21|EPI_ISL_730323|Original|hCoV-19^^California|Human|San Diego County Public Health Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/Scotland/EDB5728/2020|2020-04-09|EPI_ISL_487663|Original|hCoV-19^^Scotland|Human|Virology Department|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-3154/2020|2020-08-31|EPI_ISL_615974|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B75C43/2020|2020-11-12|EPI_ISL_723687|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/LA-EVTL1186/2020|2020-12-11|EPI_ISL_768455|Original|hCoV-19^^Louisiana|Human|LSUHS Emerging Viral Threat Laboratory|Microbial Genome Sequencing Center|Kamil|USA

>Spike|hCoV-19/England/ALDP-A6D2E3/2020|2020-10-14|EPI_ISL_608200|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Israel/CVL-45523/2020|2020-12-07|EPI_ISL_745045|Original|hCoV-19^^Northern|Human|Israel Central Virology laboratory|Israel Central Virology laboratory|Zuckerman|Israel

>Spike|hCoV-19/Denmark/DCGC-5660/2020|2020-09-28|EPI_ISL_619947|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/MN-MDH-1960/2020|2020-08-20|EPI_ISL_613466|Original|hCoV-19^^Minnesota|Human|Public Health Laboratory - Infectious Disease Lab|Minnesota Department of Health|Lorentz|USA

>Spike|hCoV-19/Wales/PHWC-485403/2020|2020-10-25|EPI_ISL_628181|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-4782/2020|2020-04-06|EPI_ISL_730138|Original|hCoV-19^^California|Human|Scripps Medical Laboratory|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/NY-QDX-1235/2020|2020-03-17|EPI_ISL_572011|Original|hCoV-19^^New York|Human|Quest Diagnostics|Quest Diagnostics|Kagan|USA

>Spike|hCoV-19/Spain/MD-IBV-99008699/2020|2020-08-13|EPI_ISL_654279|Original|hCoV-19^^Madrid|Human|Hospital General Universitario Gregorio Marañón|SeqCOVID-SPAIN consortium/IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/Denmark/DCGC-1542/2020|2020-05-25|EPI_ISL_617963|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/India/MH-NIV-216133/2020|2020-09-18|EPI_ISL_577659|Original|hCoV-19^^Maharashtra|Human|NIV Influenza|NIV Influenza|Potdar|India

>Spike|hCoV-19/England/ALDP-B622ED/2020|2020-11-09|EPI_ISL_656395|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-073/2020|2020-04-02|EPI_ISL_428401|Original|hCoV-19^^Connecticut|Human|Yale COVID-19 Biorepository|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/Scotland/QEUA-9E4081/2020|2020-09-24|EPI_ISL_601085|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/ON-UHTC-0197/2020|2020-05-29|EPI_ISL_569978|Original|hCoV-19^^Ontario|Human|Unity Health Toronto|Ontario Institute for Cancer Research|de Borja|Canada

>Spike|hCoV-19/Japan/PG-8548/2020|2020-08-00|EPI_ISL_686144|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/CO-CSU-C2673-1/2020|2020-04-02|EPI_ISL_527408|Original|hCoV-19^^Colorado|Human|Colorado State University - Ebel Lab|Colorado State University - Ebel Lab|Cline|USA

>Spike|hCoV-19/USA/AZ-TG491661/2020|2020-06-24|EPI_ISL_695205|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/Denmark/DCGC-8356/2020|2020-10-26|EPI_ISL_617369|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-9A416C/2020|2020-09-01|EPI_ISL_540196|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Hong Kong/VB20065033/2020|2020-04-07|EPI_ISL_444050|Original|hCoV-19^^Hong Kong|Human|Shek Wu Hui Jockey Club General Out-patient Clinic|Hong Kong Department of Health|Mak|China

>Spike|hCoV-19/England/ALDP-B7728B/2020|2020-11-12|EPI_ISL_662352|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-B9A55C/2020|2020-11-15|EPI_ISL_673815|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-11594/2020|2020-11-02|EPI_ISL_671013|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUA-C31F3A/2020|2020-12-11|EPI_ISL_782587|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-9577/2020|2020-11-09|EPI_ISL_668479|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-14743/2020|2020-11-23|EPI_ISL_711949|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Scotland/QEUIH-9E43D3/2020|2020-09-22|EPI_ISL_601038|Original|hCoV-19^^Scotland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/NORT-2828FD/2020|2020-03-27|EPI_ISL_488646|Original|hCoV-19^^England|Human|NU-OMICS DNA Sequencing research facility|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/OXON-AE392/2020|2020-00-00|EPI_ISL_448686|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Switzerland/GE-HUG-8102/2020|2020-03-01|EPI_ISL_415458|Original|hCoV-19^^Geneve|Human|University Hospitals of Geneva Laboratory of Virology|University Hospitals of Geneva Laboratory of Virology|Cordey|Switzerland

>Spike|hCoV-19/Wales/PHWC-27D1B/2020|2020-04-01|EPI_ISL_432335|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre|Public Health Wales Microbiology Cardiff|Moore|United Kingdom

>Spike|hCoV-19/England/QEUIH-AD0B68/2020|2020-10-26|EPI_ISL_633906|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Canada/BC_26060645/2020|2020-04-00|EPI_ISL_477038|Original|hCoV-19^^British Columbia|Human|BCCDC Public Health Laboratory|BCCDC Public Health Laboratory|Harrigan|Canada

>Spike|hCoV-19/Norway/3628/2020|2020-09-25|EPI_ISL_635111|Original|hCoV-19^^Tr\u00f8ndelag|Human|Department of Medical Microbiology|Norwegian Institute of Public Health|Vollan|Norway

>Spike|hCoV-19/Belgium/VGA-030672/2020|2020-03-06|EPI_ISL_420328|Original|hCoV-19^^Alken|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/USA/MA-MGH-03402/2020|2020-12-07|EPI_ISL_765820|Original|hCoV-19^^Massachusetts|Human|North Shore Medical Center|Infectious Disease Program|Park|USA

>Spike|hCoV-19/England/MILK-B02179/2020|2020-10-24|EPI_ISL_642991|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/NY-Wadsworth-290015-01/2020|2020-12-21|EPI_ISL_767523|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/England/MILK-9AAA3E/2020|2020-08-31|EPI_ISL_550863|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/IL-UW-454/2020|2020-06-02|EPI_ISL_484829|Original|hCoV-19^^Illinois|Human|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|University of Wisconsin-Madison AIDS Vaccine Research Laboratories|Baczenas|USA

>Spike|hCoV-19/India/GJ-GBRC-391a/2020|2020-07-06|EPI_ISL_524756|Original|hCoV-19^^Gujarat|Human|GMERS Medical College and Hospital|Gujarat Biotechnology Research Centre|Joshi|India

>Spike|hCoV-19/Denmark/DCGC-22410/2020|2020-12-14|EPI_ISL_757548|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-17785/2020|2020-12-14|EPI_ISL_749566|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/20118143704/2020|2020-03-12|EPI_ISL_464973|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3711/2020|2020-06-16|EPI_ISL_543128|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/Wales/PHWC-481E27/2020|2020-10-18|EPI_ISL_613176|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/England/QEUH-B104E8/2020|2020-11-02|EPI_ISL_642326|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Iran/K1r-78/2020|2020-04-27|EPI_ISL_568478|Original|hCoV-19^^Iran|Human|Virology|Virology|Ranjbar|Iran

>Spike|hCoV-19/England/ALDP-C3AA7C/2020|2020-12-09|EPI_ISL_731632|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-7221/2020|2020-10-12|EPI_ISL_619005|Original|hCoV-19^^Nordjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-A52287/2020|2020-10-07|EPI_ISL_598236|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Switzerland/AG-ETHZ-210058/2020|2020-07-19|EPI_ISL_510791|Original|hCoV-19^^Aargau|Human|Viollier AG|Department of Biosystems Science and Engineering|Nadeau|Switzerland

>Spike|hCoV-19/USA/UT-UPHL-201110857/2020|2020-10-05|EPI_ISL_628938|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/Spain/GA-IBV-002715/2020|2020-04-08|EPI_ISL_467294|Original|hCoV-19^^Galicia|Human|Hospital Cl\u00e9nico Universitario de Santiago de Compostela|SeqCOVID-SPAIN consortium|IBV (CSIC)|Comas|Spain

>Spike|hCoV-19/South Korea/KDCA0170/2020|2020-11-14|EPI_ISL_747404|Original|hCoV-19^^South Korea|Human|Division of Emerging Infectious Diseases|Division of Emerging Infectious Diseases|Park|South Korea

>Spike|hCoV-19/Japan/PG-1836/2020|2020-04-00|EPI_ISL_685442|Original|hCoV-19^^Japan|Human|Tokyo Metropolitan Institute of Public Health|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-13915/2020|2020-11-30|EPI_ISL_711448|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Denmark/DCGC-19497/2020|2020-12-07|EPI_ISL_748988|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/England/ALDP-B5BB46/2020|2020-11-10|EPI_ISL_655396|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-5698/2020|2020-07-00|EPI_ISL_688822|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/USA/FL-BPHL-0234/2020|2020-04-23|EPI_ISL_480885|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Belgium/ULG-10641/2020|2020-10-26|EPI_ISL_636619|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/TX-HMH-MCoV-13929/2020|2020-08-15|EPI_ISL_787221|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/USA/UT-UPHL-2012633929/2020|2020-08-13|EPI_ISL_745608|Original|hCoV-19^^Utah|Human|Ginkgo Bioworks Clinical Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/USA/WI-GMF-18461/2020|2020-09-02|EPI_ISL_547761|Original|hCoV-19^^Wisconsin|Human|Gundersen Molecular Diagnostics Laboratory|Kabara Cancer Research Institute|Kenny|USA

>Spike|hCoV-19/Australia/VIC3020/2020|2020-07-03|EPI_ISL_521849|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/USA/UT-03042/2020|2020-05-01|EPI_ISL_522313|Original|hCoV-19^^Utah|Human|Utah Public Health Laboratory|Utah Public Health Laboratory|Young|USA

>Spike|hCoV-19/England/ALDP-B1B18C/2020|2020-11-01|EPI_ISL_645762|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/CT-Yale-232/2020|2020-03-31|EPI_ISL_463165|Original|hCoV-19^^Connecticut|Human|Yale Clinical Virology Laboratory|Grubaugh Lab - Yale School of Public Health|Grubaugh|USA

>Spike|hCoV-19/England/ALDP-B622CF/2020|2020-11-09|EPI_ISL_656423|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20134024004/2020|2020-03-24|EPI_ISL_423125|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/ALDP-A6EFCD/2020|2020-10-15|EPI_ISL_607701|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/20120019704/2020|2020-03-16|EPI_ISL_465157|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/MILK-B95B31/2020|2020-11-13|EPI_ISL_675023|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-7A9E8/2020|2020-04-02|EPI_ISL_440565|Original|hCoV-19^^England|Human|Department of Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Amato|United Kingdom

>Spike|hCoV-19/England/QEUEH-B3F7CC/2020|2020-11-08|EPI_ISL_658433|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Japan/PG-0921/2020|2020-04-00|EPI_ISL_684531|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Denmark/DCGC-6149/2020|2020-08-17|EPI_ISL_621183|Original|hCoV-19^^Midtjylland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/Canada/ON-PHL-20-03645/2020|2020-11-00|EPI_ISL_775149|Original|hCoV-19^^Ontario|Human|Public Health Ontario Laboratory|Public Health Ontario Laboratory|Guthrie|Canada

>Spike|hCoV-19/Netherlands/un-EMC-730/2020|2020-04-23|EPI_ISL_523485|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/England/20182029404/2020|2020-04-28|EPI_ISL_465452|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/England/QEUEH-AACCCC/2020|2020-10-20|EPI_ISL_652912|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/France/ARA-SC048/2020|2020-04-03|EPI_ISL_666667|Original|hCoV-19^^Auvergne-Rh\u00f4ne-Alpes|Human|Laboratoire du Centre Hospitalier Annecy Genevois|CNR Virus des Infections Respiratoires - France SUD|Bal|France

>Spike|hCoV-19/England/SHEF-C2222/2020|2020-04-02|EPI_ISL_432742|Original|hCoV-19^^England|Human|Virology Department|COVID-19 Genomics UK (COG-UK) Consortium|de Silva|United Kingdom

>Spike|hCoV-19/USA/CA-ALSR-0538-SAN/2020|2020-04-29|EPI_ISL_483210|Original|hCoV-19^^California|Human|UC San Diego Center for Advanced Laboratory Medicine|Andersen lab at Scripps Research|Gangavarapu|USA

>Spike|hCoV-19/USA/FL-BPHL-1318/2020|2020-07-14|EPI_ISL_541256|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Denmark/DCGC-13502/2020|2020-11-30|EPI_ISL_712838|Original|hCoV-19^^Syddanmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Italy/VEN-UniVR-151/2020|2020-04-13|EPI_ISL_751322|Original|hCoV-19^^Veneto|Human|IRCCS Sacro Cuore Don Calabria Hospital|University of Verona|Mori|Italy

>Spike|hCoV-19/Russia/Moscow-71605/2020|2020-03-19|EPI_ISL_428872|Vero|hCoV-19^^Moscow Region|Human|State Research Center of Virology and Biotechnology VECTOR|State Research Center of Virology and Biotechnology VECTOR|Shvalov|Russia

>Spike|hCoV-19/Iceland/267/2020|2020-03-17|EPI_ISL_417595|Original|hCoV-19^^Reykjavik|Human|The National University Hospital of Iceland|deCODE genetics|J\u00f3nsson|Iceland

>Spike|hCoV-19/England/ALDP-B74831/2020|2020-11-12|EPI_ISL_678946|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-19086/2020|2020-12-07|EPI_ISL_748748|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Australia/VIC4179/2020|2020-07-11|EPI_ISL_519520|Original|hCoV-19^^Victoria|Human|Victorian Infectious Diseases Reference Laboratory (VIDRL)|VIDRL and MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Belgium/regal-12141431/2020|2020-12-14|EPI_ISL_738483|Original|hCoV-19^^Arendonk|Human|UZ Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/DRC/10248/2020|2020-05-22|EPI_ISL_591087|Original|hCoV-19^^Kinshasa|Human|Viral Respiratory Lab|Pathogen Sequencing Lab|Lokilo|Democratic Republic of the Congo

>Spike|hCoV-19/England/ALDP-95CE7B/2020|2020-06-21|EPI_ISL_555056|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Uruguay/UY-652/2020|2020-05-25|EPI_ISL_480340|Original|hCoV-19^^Rivera|Human|Microbial Genomics Laboratory|Microbial Genomics Laboratory|Iraola|Uruguay

>Spike|hCoV-19/Russia/StPetersburg-RII8317S/2020|2020-04-21|EPI_ISL_450271|Original|hCoV-19^^Saint Petersburg|Human|WHO National Influenza Centre Russian Federation|WHO National Influenza Centre Russian Federation|Komissarov|Russia

>Spike|hCoV-19/England/QEUEH-B6C984/2020|2020-11-11|EPI_ISL_655104|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/England/BIRM-61ED6/2020|2020-03-26|EPI_ISL_529616|Original|hCoV-19^^England|Human|University of Birmingham|COVID-19 Genomics UK (COG-UK) Consortium|Loman|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-17032/2020|2020-12-14|EPI_ISL_750323|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Northern Ireland/QEUEH-943DC5/2020|2020-07-28|EPI_ISL_532575|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMB-1B6536/2020|2020-09-29|EPI_ISL_584286|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/MILK-A4799F/2020|2020-10-05|EPI_ISL_598344|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Oman/RESP-20-4028/2020|2020-03-20|EPI_ISL_457987|Original|hCoV-19^^Muscat|Human|Oman-NIC|Oman-NIC|Al Mahruqi|Oman

>Spike|hCoV-19/USA/CA-IGI-0333/2020|2020-06-26|EPI_ISL_576524|Original|hCoV-19^^California|Human|Innovative Genomics Institute|Innovative Genomics Institute|Wyman|USA

>Spike|hCoV-19/USA/NY-Wadsworth-41425-01/2020|2020-04-08|EPI_ISL_676824|Original|hCoV-19^^New York|Human|Wadsworth Center|Wadsworth Center|Lasek-Nesselquist|USA

>Spike|hCoV-19/Denmark/DCGC-21106/2020|2020-12-21|EPI_ISL_759558|Original|hCoV-19^^Sjaelland|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-HMH-MCoV-13629/2020|2020-08-20|EPI_ISL_788735|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/LIVE-9C50A/2020|2020-03-21|EPI_ISL_449546|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/USA/MD-MDH-0510/2020|2020-11-30|EPI_ISL_778891|Original|hCoV-19^^Maryland|Human|Maryland Public Health Laboratory|Maryland Public Health Laboratory|Keller|USA

>Spike|hCoV-19/USA/LA-GBCL-26791732/2020|2020-04-09|EPI_ISL_485350|Original|hCoV-19^^Louisiana|Human|River Road Testing Lab|Ginkgo Bioworks Clinical Laboratory|Smith|USA

>Spike|hCoV-19/Wales/MILK-9A8687/2020|2020-09-02|EPI_ISL_550046|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/CAMC-A58F8A/2020|2020-10-08|EPI_ISL_597227|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/AZ-TG664300/2020|2020-04-28|EPI_ISL_696094|Original|hCoV-19^^Arizona|Human|Sonora Quest Laboratories|TGen North|French|USA

>Spike|hCoV-19/Netherlands/NA_459/2020|2020-04-02|EPI_ISL_455261|Original|hCoV-19^^Netherlands|Human|Dutch COVID-19 response team|Erasmus Medical Center|Oude Munnink|Netherlands

>Spike|hCoV-19/Denmark/DCGC-3191/2020|2020-08-31|EPI_ISL_616014|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUEH-B2D06C/2020|2020-11-04|EPI_ISL_680098|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/England/LOND-126086B/2020|2020-04-05|EPI_ISL_524699|Original|hCoV-19^^England|Human|North West London Pathology|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-DSHS-1675/2020|2020-06-24|EPI_ISL_710083|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/Australia/VIC115/2020|2020-03-18|EPI_ISL_419717|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit Public Health Laboratory|Microbiological Diagnostic Unit Public Health Laboratory|Schultz|Australia

>Spike|hCoV-19/Northern Ireland/QEUEH-96995C/2020|2020-08-14|EPI_ISL_531120|Original|hCoV-19^^Northern Ireland|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Turkey/HSGM-11520/2020|2020-03-23|EPI_ISL_429873|Original|hCoV-19^^Kocaeli|Human|Ministry of Health Turkey|Ministry of Health Turkey|Bayrakdar|Turkey

>Spike|hCoV-19/Scotland/QEUEH-95FA47/2020|2020-08-06|EPI_ISL_532390|Original|hCoV-19^^Scotland|Human|NHSGGC West of Scotland Specialist Virology Centre / MRC-University of Glasgow Centre for Virus Research|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-A192F5/2020|2020-10-01|EPI_ISL_612500|Original|hCoV-19^^England|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Japan/PG-4352/2020|2020-07-00|EPI_ISL_692580|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/England/20134003204/2020|2020-03-23|EPI_ISL_423057|Original|hCoV-19^^England|Human|Respiratory Virus Unit|Respiratory Virus Unit|Platt|United Kingdom

>Spike|hCoV-19/Belgium/ULG-10986/2020|2020-10-25|EPI_ISL_708455|Original|hCoV-19^^Liege|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/Belgium/ULG-10759/2020|2020-09-20|EPI_ISL_641601|Original|hCoV-19^^Li\u00e8ge|Human|Department of Clinical Microbiology|GIGA Medical Genomics|Durkin|Belgium

>Spike|hCoV-19/USA/HI-H200136/2020|2020-07-10|EPI_ISL_752699|Original|hCoV-19^^Hawaii|Human|State Laboratories Division|State Laboratories Division|Sultana|USA

>Spike|hCoV-19/England/NOTT-10FCDF/2020|2020-04-08|EPI_ISL_441437|Original|hCoV-19^^England|Human|Queens Medical Centre|COVID-19 Genomics UK (COG-UK) Consortium|Loose|United Kingdom

>Spike|hCoV-19/Wales/PHWC-4A036F/2020|2020-12-10|EPI_ISL_743434|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-3368/2020|2020-07-17|EPI_ISL_548326|Original|hCoV-19^^California|Human|Orange County Public Health Laboratory|Chan-Zuckerberg Biohub|Bhatt|USA

>Spike|hCoV-19/Japan/Donner1/2020|2020-04-06|EPI_ISL_437601|Original|hCoV-19^^Kanto|Human|Keio University School of Medicine|Keio University School of Medicine|Kosaki|Japan

>Spike|hCoV-19/England/LIVE-A73C6/2020|2020-03-28|EPI_ISL_517014|Original|hCoV-19^^England|Human|Liverpool Clinical Laboratories|COVID-19 Genomics UK (COG-UK) Consortium|Haldenby|United Kingdom

>Spike|hCoV-19/England/CAMC-9DF4AB/2020|2020-09-19|EPI_ISL_638407|Original|hCoV-19^^England|Human|Department of Pathology|COVID-19 Genomics UK (COG-UK) Consortium|Goodfellow|United Kingdom

>Spike|hCoV-19/Belgium/LPJ-0401364/2020|2020-04-01|EPI_ISL_462218|Original|hCoV-19^^Waasmont|Human|KU Leuven|KU Leuven|Maes|Belgium

>Spike|hCoV-19/Australia/VIC9425/2020|2020-08-13|EPI_ISL_562677|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/Japan/PG-5679/2020|2020-04-00|EPI_ISL_688803|Original|hCoV-19^^Japan|Human|Pathogen Genomics Center|Pathogen Genomics Center|Sekizuka|Japan

>Spike|hCoV-19/Wales/PHWC-15FCFB/2020|2020-04-20|EPI_ISL_472651|Original|hCoV-19^^Wales|Human|Wales Specialist Virology Centre Sequencing lab|COVID-19 Genomics UK (COG-UK) Consortium|Moore|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-20612/2020|2020-12-21|EPI_ISL_759253|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen Lab|Michaelsen|Denmark

>Spike|hCoV-19/Wuhan/HB-WH3-173/2020|2020-02-28|EPI_ISL_454939|Original|hCoV-19^^Hubei|Human|Wuhan Chain Medical Labs (CMLabs)|State Key Laboratory of Biotherapy of Sichuan University|Tang|China

>Spike|hCoV-19/England/MILK-B3DA4D/2020|2020-10-31|EPI_ISL_741380|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Wales/MILK-A46374/2020|2020-10-05|EPI_ISL_609288|Original|hCoV-19^^Wales|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/TX-HMH-3172/2020|2020-06-11|EPI_ISL_544048|Original|hCoV-19^^Texas|Human|Houston Methodist Hospital|Houston Methodist Hospital|Long|USA

>Spike|hCoV-19/England/CAMC-B9A5F2/2020|2020-11-15|EPI_ISL_673588|Original|hCoV-19^^England|Human|Lighthouse Lab in Cambridge|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/USA/FL-BPHL-1368/2020|2020-07-20|EPI_ISL_541305|Original|hCoV-19^^Florida|Human|Florida Bureau of Public Health Laboratories|Florida Bureau of Public Health Laboratories|Blanton|USA

>Spike|hCoV-19/Wales/MILK-9EF00E/2020|2020-09-24|EPI_ISL_594893|Original|hCoV-19^^Wales|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/Denmark/ALAB-SSI501/2020|2020-03-24|EPI_ISL_429572|Original|hCoV-19^^Denmark|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Kirkegaard|Denmark

>Spike|hCoV-19/England/GSTT-6746/2020|2020-03-29|EPI_ISL_560726|Original|hCoV-19^^England|Human|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Centre for Clinical Infection and Diagnostics Research and Genomics Innovation Unit|Awan|United Kingdom

>Spike|hCoV-19/USA/GA-CDC-0851/2020|2020-07-06|EPI_ISL_509662|Original|hCoV-19^^Georgia|Human|Georgia Department of Health|Pathogen Discovery|Queen|USA

>Spike|hCoV-19/Australia/VIC13329/2020|2020-08-07|EPI_ISL_563676|Original|hCoV-19^^Victoria|Human|Microbiological Diagnostic Unit - Public Health Laboratory (MDU-PHL)|MDU-PHL|Schultz|Australia

>Spike|hCoV-19/England/ALDP-94EA0F/2020|2020-06-17|EPI_ISL_555105|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/MILK-9A6917/2020|2020-09-01|EPI_ISL_550248|Original|hCoV-19^^England|Human|Lighthouse Lab in Milton Keynes|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/England/ALDP-955D93/2020|2020-06-12|EPI_ISL_553912|Original|hCoV-19^^England|Human|Lighthouse Lab in Alderley Park|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) consortium|Davies|United Kingdom

>Spike|hCoV-19/Northern Ireland/NIRE-2334E8/2020|2020-10-04|EPI_ISL_680296|Original|hCoV-19^^Northern Ireland|Human|Regional Virus Laboratory|COVID-19 Genomics UK (COG-UK) Consortium|Fairley|United Kingdom

>Spike|hCoV-19/USA/CA-CZB-14797/2020|2020-11-16|EPI_ISL_739389|Original|hCoV-19^^California|Human|Humboldt County Public Health Laboratory|Chan-Zuckerberg Biohub|Kamm|USA

>Spike|hCoV-19/England/NORT-2890FE/2020|2020-03-27|EPI_ISL_453497|Original|hCoV-19^^England|Human|Northumbria University / South Tees Hospitals NHS Foundation Trust / North Cumbria Integrated Care NHS Foundation Trust / North Tees and Hartlepool NHS Foundation Trust / Newcastle Hospitals NHS Foundation Trust|COVID-19 Genomics UK (COG-UK) Consortium|Bashton|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-4534/2020|2020-09-21|EPI_ISL_621330|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/USA/TX-DSHS-0190/2020|2020-04-13|EPI_ISL_524069|Original|hCoV-19^^Texas|Human|Texas Department of State Health Services|Texas Department of State Health Services|Rahman|USA

>Spike|hCoV-19/USA/AZ-TG395963/2020|2020-06-09|EPI_ISL_694788|Original|hCoV-19^^Arizona|Human|AZ SPHL|TGen North|French|USA

>Spike|hCoV-19/England/QEUI-B7D531/2020|2020-11-14|EPI_ISL_741871|Original|hCoV-19^^England|Human|Oxford Viromics|COVID-19 Genomics UK (COG-UK) Consortium|Golubchik|United Kingdom

>Spike|hCoV-19/USA/WY-WPHL-20171669/2020|2020-12-29|EPI_ISL_770449|Original|hCoV-19^^Wyoming|Human|Wyoming Public Health Laboratory|Wyoming Public Health Laboratory|Hull|USA

>Spike|hCoV-19/Denmark/DCGC-7141/2020|2020-10-12|EPI_ISL_619162|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

>Spike|hCoV-19/England/QEUI-B117C0/2020|2020-11-02|EPI_ISL_642241|Original|hCoV-19^^England|Human|Lighthouse Lab in Glasgow|Wellcome Sanger Institute for the COVID-19 Genomics UK (COG-UK) Consortium|Davies|United Kingdom

>Spike|hCoV-19/Denmark/DCGC-6083/2020|2020-10-05|EPI_ISL_620277|Original|hCoV-19^^Hovedstaden|Human|Department of Virus and Microbiological Special Diagnostics|Albertsen lab|Michaelsen|Denmark

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